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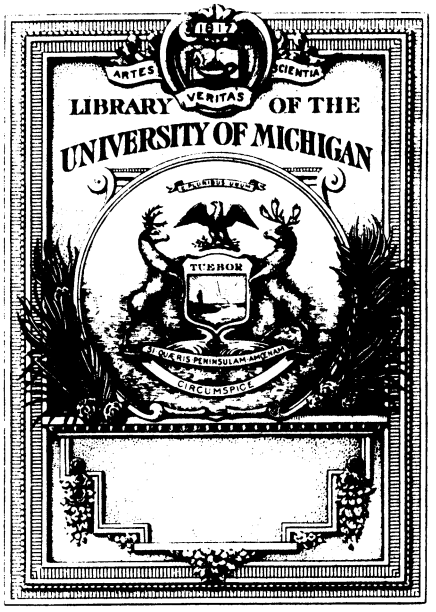
PHILIPPINE ISLANDS WEATHER BUREAU

ANNUAL REPORT

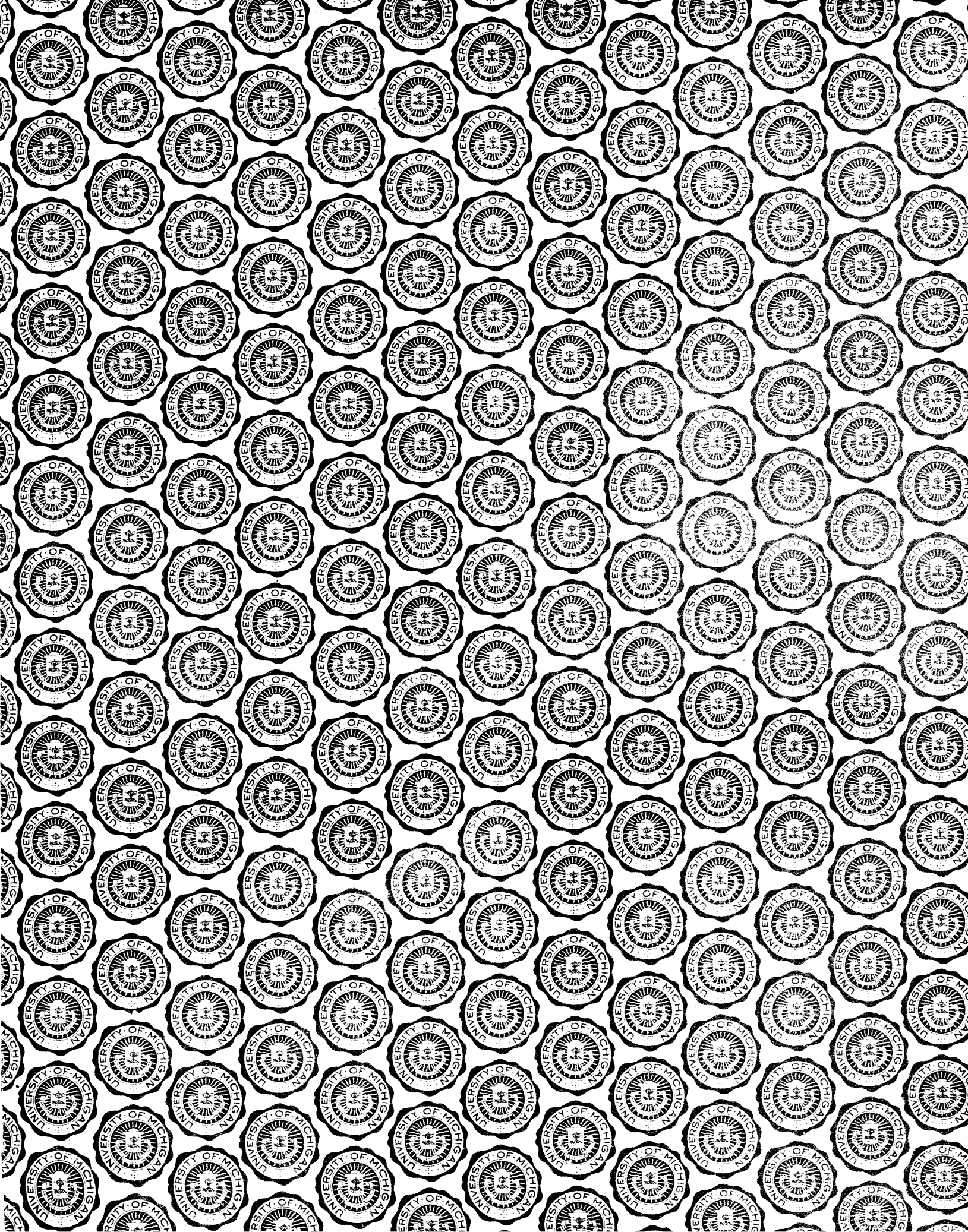
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DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES
WEATHER BUREAU
REV. JOSE ALGUE, S. J., DIRECTOR

DEC 18 1919

ANNUAL REPORT OF THE WEATHER BUREAU

PART I

WORK OF THE WEATHER BUREAU DURING THE CALENDAR YEAR 1917

PART II

HOURLY METEOROLOGICAL OBSERVATIONS MADE AT THE CENTRAL OBSERVATORY OF MANILA DURING THE CALENDAR YEAR 1917

MANILA
BUREAU OF PRINTING
1919

161582

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PART II.

HOURLY METEOROLOGICAL OBSERVATIONS MADE AT THE CENTRAL OBSERVATORY DURING THE CALENDAR YEAR 1917.

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PART I.

WORK OF THE WEATHER BUREAU DURING THE CALENDAR YEAR 1917.

WORK OF THE WEATHER BUREAU DURING THE CALENDAR YEAR 1917.

I. WORK OF THE CENTRAL OBSERVATORY.

1. METEOROLOGICAL DEPARTMENT.

The year 1917 was almost as free from typhoons as the preceding year 1916, as far as the Philippines are concerned. Only two really well developed typhoons crossed the Archipelago through the Babuyanes Islands on August and September, and one passed very near the Batanes Islands on August: but the damage done by them was of no very great importance. Some damage was done by floods in the southern part of the Islands during the last part of the year, particularly toward the middle of November while a low-pressure area was crossing the southern part of the Visayas and the Sulu Sea. According to reports received from the San Ramon penal farm in Zamboanga the floods destroyed public works and property and swept away many trees and plants throughout the colony. The weather observer at Maasin, Leyte, reported also several houses destroyed and swept away by floods on November 14.

Even speaking in general of the whole Far East, we may say that the total number of typhoons observed this year was below the average. Hence our typhoon warnings sent as usually to the foreign observatories were only 82 as against 107 during the preceding year, 101 in 1915, and 127 in 1914.

Two very destructive typhoons were experienced in Formosa in July and August, and two in Japan in October, all of them having been properly forecasted by Manila Observatory for several consecutive days. Their tracks may be seen in our monthly bulletins.

At the request of the Director of Zikawey Observatory the Admiral of the U. S. Asiatic Fleet, Mr. Albert G. Winterhalter took the greatest interest in obtaining daily telegraphic meteorological observations from Guam for the improvement of the meteorological service in the Far East. Authorization was given him by the Secretary of Navy, Mr. Daniels, to procure a daily weather telegram from Guam to Manila at the expense of the Navy. After proper arrangements were made, it was agreed to that for the present the Navy Station at Guam would cable daily the 6 a. m. barometric and wind observation to Manila Observatory, and that the latter would include the same observation in the telegraphic service which is sent every morning to the foreign observatories in the Far East. This scheme has been working very satisfactorily since last May, and the improvement thus introduced in our meteorological service is considered of the greatest value for the forecasting of typhoons.

In spite of the relatively few typhoons that influenced in the Philippines during the year, the rains have been not only well distributed throughout the different months of the year, but also quite abundant as compared with previous years. Thus the total annual rainfall for Manila is 387.9 mm. above the normal, and has been surpassed only eight times since the foundation of Manila Observatory in 1865.

The number of barometers compared and tested this year is 112 as against 130 in 1916.

The preparation of our monthly bulletin, which was greatly delayed during the year 1916, was up to date again at the end of 1917; and the work of preparing for publication the annual report containing the observations made at the secondary stations, which had to be suspended for a few months in 1916, has been taken up again in 1917.

Outside of the ordinary publications, a second edition has been issued of the Meteorological Instructions in Spanish by Rev. Miguel Saderra Masó, S. J.; for the use of our observers. The same father has revised and completed some Meteorological Instructions in English which had been prepared a few years ago by Rev. George Zwack, S. J., former Secretary of this Bureau. They are being printed at present for the benefit of those of our observers and employees, who, while speaking English fluently, have but little knowledge of the Spanish language.

Our Central Observatory has coöperated as in previous years with the work of other foreign observatories as well as of other Government offices in Manila or private institutions in, and outside of, Manila.

2. SEISMIC DEPARTMENT.

During the year 1917, 140 earthquakes were reported from different parts of the Archipelago. Fortunately only 3 had sufficient intensity to cause damage and loss of property.

The first one occurred in the Sarangani Bay on the 31st of January. It destroyed some Constabulary barracks and many native houses, and in the town of Glan and in near barrios fissures were opened in the ground. Falling debriss and a landslide produced by the earthquake killed 7 persons. This earthquake was of tectonic character, and originated under the Celebes Sea, south of Sarangani Bay.

On the 18th of February a second violent quake shock the southern part of the Batan Island. Its greatest intensity was experienced in the township of Ivana where 3 houses were entirely destroyed and 5 shaken out of repair: the total number of dwellings more of less damaged amounted to 303, and the corresponding loss to ₱6,200. No casualities were to be lamented.

The third seismic disturbance caused more anxiety with less damage than the preceding two. On the first days of October frequent earthquake shocks with rumblings occurred in the region around Mount Isarog, Province of Ambos Camarines: Naga, the capital of the province, in the SW, and the towns of Tigaon, Goa and San Jose to the E and NE of the said mountain being the most harassed. Early in the morning of the 4th light shocks began to be frequent, and at about half past seven a very strong earthquake cracked slightly many buildings. It was accompanied with loud subterranean rumbling. This and the numerous light aftershocks and rumblings felt up to the noon hour startled the people with fear, lest an eruption of the Isarog Volcano would be the sequence of such continuous shaking and rumbling. As the weather was covered, rainy and rather stormy, the volcano could not be seen, so all kind of apprehensions could gain ground in the minds of the people. In such a situation, especially after another series of shakings occurred during the next evening and night hours, from 6 p. m. of the 4th to 2 a. m. of the 5th, the provincial authorities telegraphed to Manila for advise. The Observatory soon found out that the shocks and rumblings were equally felt in the towns of San Jose and Goa situated near the Isarog and opposite to Naga: that the shaken area was confined to the vicinity of that mountain, the shocks being unnoticed in the neighboring provinces. On the other hand the seismographs of the Observatory, only some 290 kilometers distant, recorded very few of them. For these reasons the disturbance was considered as of local character. Consequently the answer was that there existed reasons to suspect that the shocks revealed extraordinary strain in the old volcano.

During the 5th the situation seemed to become worse as the shocks were more frequent. Not less than 34 pretty perceptible shocks and rumblings with many minor ones was the crop of this day; so the persuasion that such a state of things might indicate that an eruption was impending became more strong. The volcano could not be seen on account of the stormy weather. In such circumstances the Observatory telegraphed to the provincial authorities and to many other concerned persons, that an eruption could with probability be expected, that the people dwelling on the mountain should be warned, but that the towns placed at a distance of eight or more kilometers had not reason, even if the worse would come, to consider themselves in imminent and grave danger. Any attempt to approach the summit of the Isarog was out of possibility during such continuous rain: consequently it was a question of guessing about the probability of it giving indications of eruption. On the 6th the shocks became less frequent, only 16 were reported; the 7th showed the same decrease, and the 8th dawned with calm, thus coming to an end such a fearful seismic period. The number of perceptible shocks reported to the Observatory during the four days reached the high figure of 95, but some residents which sent private reports to the press counted 111.

As in that region the rainy season continues during the winter months the idea of visiting the volcano could not be fostered until a more propitious occasion after January. In the mean time a plan to provide some of the nearest towns to the Isarog with a good seismograph was proposed to the Legislature for enactment and approved.

The seismographs of the Observatory recorded 406 seismic disturbances corresponding to Insular and far distant earthquakes. Among these last the following must be remembered; Lombok, January 20th; West Indies, February 20th; Tonga Archipelago, May 1st; El Salvador, June 8th; Samoa Island, June 26th, New Zealand, August 5th, and Colombia, August 31st.

Like the two preceding years the seismograph at Butuan beats the record in number of disturbances registered: the total being 1,133. Their distribution respective to the distance of the origin was remarkably similar to that of the last year; the only noteworthy difference being in the prevalence of local disturbances, originated between 0–10 kilometers, which this year present the highest percentage. The next high number corresponds as in former years to the *Philippine Deep*. The observer of Butuan deserves the greatest praise for the efficiency with which he keeps the instruments in good registering order.

Thanks to the pains taken by the officers of the Naval Station of Guam, the seismograph set up at Agaña was working through the year without mishap. But the number of records sent to the Observatory is relatively small. It is our opinion that a dull seismic period indicated in former reports did not yet come to an end.

Baguio Observatory recorded most of the disturbances registered at Manila, the working of the seismographs having been satisfactory. The same cannot be said of the seismograph at Sorsogon and of the observer who is in charge of it. Both gave some trouble and proved unsatisfactory; so the results have been so far below the expectations. It is intended to change the actual instrument for a better one as soon as possible.

The Ambulong seismic station was visited three times during the year; once by the director of the division and twice by the Secretary of the Weather Bureau. Each time they took a mechanic to make some needed repair to the motor of the launch or to the motor of the pump. The visitors given transportation to the volcano numbered 60. In the month of February the Secretary took the opportunity of accompanying Dr. Heise of the Bureau of Science, who intended to make chemical and radioactive analysis of the waters of the inner lake of the volcano. They spent about two days in the volcano; descended into the crater, a very hard and dangerous task, examined the

actual activity shown through many vapor vents, took temperatures of the waters, vapors and mud, and gathered other valuable observations inside and outside of the crater.

New station at Mambajao, Camiguin Island.—Early in the year the Representative of Misamis Province, capitalist of Camiguin Island, requested that a seismic and meteorological station be established at Mambajao. The authorities of that progressive town were willing to give all the facilities, both, in furnishing room for the station and in contributing to the support of the observer. Such generous offer was not to be belittled, so the Director of the Weather Bureau obtained from the Honorable Secretary of the Department the necessary authorization for a rain-seismic station at the said town.

For this purpose in the middle of March, Rev. Fr. Selga, Secretary of the Weather Bureau, was sent with a mechanic to set up the proposed station. Due to the good will and generosity of the Representative, Hon. G. Borromeo, and the municipal council of Mambajao, which defrayed the local expenses, and constructed the necessary foundation and shelter for the seismograph, this began very soon to record seismic disturbances. The station was left in charge of a young man, who had received convenient instruction at the Observatory. This observer receives the salary of a rain observer and an additional compensation from the municipality, where he works as a clerk.

During his sojourn at Mambajao Fr. Selga examined the state of the Catarman Volcano, originated in 1871, and of the crater of the Hibok Volcano towering over the town of Mambajao. This ascension was especially useful: up to this occasion all the information about the crater of this volcano was scanty and unreliable, because as far as we know, no scientific man had reached it. Fr. Selga took a collection of photographs, both of the much talked of crater lake, at present nearly filled up and dry, and of some big fissures near the top of the mountain which constitute the modern vents to the remaining heat and at times have been seen emitting forth sulphurous vapors. It is to be expected that the results of the ascension to Hibok and the observations made at Catarman will be embodied in a special publication.

3. MAGNETIC DEPARTMENT.

Absolute observations were made and calculated at least two times every month as usually, the two observers journeying to Antipolo every time for this purpose and remaining there from one to two days. In January some repairs had to be undertaken in one of the wooden walls of the photographic room badly eaten by white ants and rotten. Last November the pump of the artesian well was lifted to clean it and change the leathers of the piston worn out through the friction: the mechanics of the Weather Bureau did the work although somewhat hard and delicate.

This division felt the effect of the war in the supply of photographic paper. Since the opening of the new Observatory, 1910, "Ilford bromide paper" had been found satisfactory, but last year the supply in the Manila market became exhausted as the imports ceased. So after last February "Eastman permanent bromide paper" had to be tried; fortunately with some changes in the focusing of the light has proved satisfactory. Ilford paper is preferable on account of its smoothness which makes the measuring of the ordinates more easy and accurate.

A real source of trouble during the wet months was given by the silk fibers supporting the magnets; they frequently softened in such a degree that could not support the weight and broke down with the results that the records had to be discontinued for some few hours.

Magnetic character.—The magnetic character was computed as explained in preceding reports and sent to Holland for publication in the International Bulletin. The number of days with disturbed magnets was in 1917 somewhat inferior to that of the last year. Moderately disturbed days amount to 198, and very disturbed days to 22; July showed the most calm month. Four great and world-wide disturbances took place during the year, in January, August, and December. That of January began on the 4th, and with many ups and downs it lasted until the 13th. During its climax in the afternoon and night of the 4th it was attended with one of the greatest and most specular auroras seen by the people living in moderate and high latitudes of Europe and America. The first disturbance of August, the principal of the year, lasted two days, from the 9th to the 11th. During this disturbance a very large group of sun-spots crossed the central meridian of the sun. Some aurora displays were also reported from Europe but rather faint. They increased in brilliancy on the 13th at the beginning of the third moderate disturbance; this last ended on the 16th. The one in December was recorded between the 16th and the 20th.

4. ASTRONOMICAL DEPARTMENT.

Time service.—Every day of the year, including Sundays and official holidays, time signals were sent during five minutes (10.55 to 11 a. m.), from the Observatory, to all the stations connected by telegraph or cable, with the Central Post Office of Manila. At noon the time ball was dropped in the Central Observatory. Since October the 1st, and with the kindly coöperation of the Cavite Naval Radio Station, time signals are sent every night at 10 p. m. The system adopted for this new time service is exactly the same as the one in use at 11 a. m.; the transmission of signals lasts five minutes, 9.55 to 10 p. m. It is to be acknowledged with thanks, that this service has been rendered possible by the courtesy and interest taken for the utility of shipping, by the Bureau of Posts. The Manila Central Post Office, has an employee who every night at 9.50 establishes the necessary connection between Manila Observatory and the Cavite Naval Radio Station.

One hundred and twenty-two chronometers were received in the Observatory to be rated; seven clocks and, as an average, twenty chronometers have been daily compared with the standard clock, and rated.

The correct time was determined by means of a Repsold broken-transit-instrument of 75 mm. aperture. During the year 1,100 transits of stars were observed and reduced, and eighty times the instrumental constants, azimuth and collimation, computed, the level being observed and reduced to zero frequently, during the time of taking transits.

The equatorial time intervals of the sidewires to the middle or meridian wire, were determined observing transits of Polaris. The wires are five on each side of the middle wire; they are numbered in the order as they are crossed by a star in its upper culmination, the light being east, that is, the observer facing east. The values with their probable errors are as follows:

	s		s
1	37.0042±0.0129	7	22.2938±0.0104
2	34.0751±0.0123	8	25.1949±0.0133
3	31.2283±0.0119	9	31.3126±0.0114
4	24.9652±0.0132	10	34.3485±0.0117
5	21.9283±0.0176	11	37.4053±0.0118

The Riefler Sidereal Clock, No. 251, provided with a second contact and connected with the chronograph, was used during the year as the standard clock for the time service. The following table given an idea of the performance of this clock; it contains the excess of the computed correction over the observed, after periods of cloudy nights during which, transits of stars could not be taken.

Date.	Number of nights without observations.	Computed minus observed correction.	Date.	Number of nights without observations.	Computed minus observed correction.
1917		s	1917		s
Jan. 7	6	−0.88	July 13	14	−0.98
Jan. 14	7	+0.39	July 20	5	−0.32
Jan. 22	6	+0.03	July 30	10	−0.29
Jan. 28	6	−0.21	Aug. 6	7	−0.02
Feb. 5	8	−0.05	Aug. 21	6	−0.04
Feb. 21	4	+0.41	Aug. 29	7	+0.46
Mar. 15	4	+0.15	Sept. 3	5	+0.99
Mar. 26	4	−0.36	Sept. 12	6	+0.02
Apr. 9	8	+0.01	Sept. 25	6	−0.08
Apr. 15	4	+0.05	Sept. 30	5	+0.13
Apr. 19	4	+0.08	Oct. 12	12	+0.34
Apr. 26	4	−0.01	Oct. 24	6	−0.64
May 5	4	+0.15	Nov. 10	9	−0.10
May 9	4	+0.03	Nov. 21	7	+0.63
May 15	6	−0.08	Nov. 26	5	−0.19
May 27	9	+0.26	Dec. 10	5	−0.26
June 5	8	+0.14	Dec. 30	10	−0.10
June 17	4	+0.09			
June 29	12	+0.33			

The next table gives the mean daily rate of the mentioned Riefler Sidereal Clock, No. 251 as deduced by the daily time service together with the maximum variation in the rate for each month of the year 1917.

Month.	Mean daily rate.	Maximum variation.	Month.	Mean daily rate.	Maximum variation.
1917	s	s	1917	s	s
January	0.10	0.16	July	0.12	0.14
February	0.06	0.13	August	0.12	0.18
March	0.07	0.13	September	0.08	0.23
April	0.04	0.07	October	0.11	0.14
May	0.05	0.12	November	0.17	0.20
June	0.11	0.17	December	0.15	0.26

In order to know the error with which the time signal at noon is given, the initial moment of the fall of the time-ball, has been recorded 157 times in the chronograph, in connection with the standard clock. The largest recorded errors were:

	s		s
January 15	0.36	October 27	0.35
May 5	0.32	October 29	0.35
August 10	0.38	November 5	0.36
October 26	0.35	November 7	0.45

The average error of the 157 records is less than 0.s 2.

One hundred thirty-eight observations on solar radiation were taken during the year with the Angström Compensating Pyrheliometer. The Callendar's Sunshine Receiver and Electrical Recorder was working satisfactorily throughout the year.

A considerable amount of time was spent in the library for the good maintenance and cataloguing of publications, in showing visitors the observatory, to some of them an opportunity has been given, in favorable conditions, to see the moon or some other celestial objects, with the telescope, and finally in answering several letters asking about subjects connected with Astronomy.

II. SECONDARY STATIONS.

Only a new official station was established in 1917, viz the rain station of Mambajao. An observer was appointed at the small salary of ₱180 per annum with the understanding that a clerk position would be given to him by the municipal authorities with a compensation of ₱15 per month.

A coöperative station was established on July in the Naval Station of Cavite at the request of the local naval authorities. The station was furnished with a set of meteorological instruments similar to those used in our second-class stations. The Secretary, Rev. Miguel Selga, left Manila for Cavite on July 14, to make the proper arrangements for the establishment of the station and the mounting of the instruments. The observations have been received regularly beginning on August and are very satisfactory. Besides, a good number of volunteer rain stations were established during the year, there being at the end of 1917, 32 volunteer or coöperative stations sending regular observations to the Weather Bureau as against 11 at the end of 1916. Ten of the new volunteer stations are in Mindanao, three in southern Mindoro, seven in Luzon and one in Negros.

The official meteorological stations maintained by the Weather Bureau at the end of 1917 were 57; one branch Observatory at Baguio; 7 first-class stations; 11 second-class stations; 28 third-class stations and 10 rain stations. At the seismic station of Ambulong and the magnetic station of Antipolo meteorological observations were also taken regularly similar to those of second-class stations and rain stations respectively.

III. PERSONNEL OF THE WEATHER BUREAU.

Nationality.—The composition of the personnel of the Weather Bureau as to nationality remained practically unchanged, over 91 per cent being Filipinos.

Promotions.—Only a few promotions were allowed this year: seven in the Central Office at Manila and four in the provinces.

Separations.—The Central Office suffered two severe losses in the death of the assistant observer, Mr. Ciriaco de los Reyes, on March 6, 1917, and the resignation of another assistant observer, Mr. Ricardo Buenaventura, on January 1, 1917, who had been seriously ill for several months. Both were very efficient employees, and their good services had been always much appreciated by their chiefs. Fortunately the place of Mr. Buenaventura could be easily filled by the removal from Atimonan of Mr. Leon G. Guinto, who on account of his many years of experience as a first-class observer could be considered eminently fit for that position. But up to the present it has been found impossible to have a man fit for the position of Mr. Ciriaco de los Reyes, whose salary was of ₱1,680 per annum, it having been necessary to divide the position into two of ₱840 per annum each.

It was with much regret that this Office had to accept the resignation of Mr. Herbert Taylor as a third-class observer at Guam. He was at the same time the superintendent of the Cable Station, and his faithful services as an observer since the year 1906 were always of the greatest value to the Weather Bureau in the Philippines, particularly during the typhoon season.

Several other resignations of minor importance took place during the year. One third-class observer and one rain observer were dismissed on account of their carelessness to do their official duties.

One second-class observer was reinstated.

Penalties to delinquent employees.—On account of no work sent to the Central Office no salary was paid for some months to a third-class observer and to a rain observer until they were actually dismissed as stated above. One third-class observer and one second-class observer had ₱15 and ₱25, respectively, deducted from their salaries for neglect of duty. Another third-class observer was fined ₱9.68 for gambling.

PART II.

HOURLY METEOROLOGICAL OBSERVATIONS MADE AT THE CENTRAL OBSERVATORY DURING THE CALENDAR YEAR 1917.

INTRODUCTION.

Part II of our report for 1917 contains the meteorological observations made during the year at the Central Observatory at Manila. The hours of observations are given in Insular standard time—that is, in the time of the one hundred and twentieth meridian east of Greenwich, adopted by order of the United States Government on September 6, 1899. It is to be noted that the observations of atmospheric pressure, temperature, relative humidity, vapor tension, and the direction and force of the wind are hourly, read directly between the hours 6 a. m. and 7 p. m., while for the hours from 8 p. m. to 5 a. m. they are taken from self-registering apparatus. The hourly observations of the direction, form, and amount of clouds are made from 8 a. m. until 5 p. m. only.

Each of the tables of hourly observations shows also the respective hourly, daily, and monthly means. The extreme daily values of the various elements, together with the time of their occurrence, are united into a separate table. The thermometer and atmidometer are placed in the observatory park, 1.5 meters above the ground.

The readings of the barometer have not been corrected for gravity; this correction would be —1.72 mm.

All observations contained in this report are expressed in the metric system, continuing the practice adopted at the time of the reorganization of the Weather Bureau. As in former reports, we have arranged the observations according to month.

EXPLANATION OF SYMBOLS (BEAUFORT'S LETTERS AND INTERNATIONAL WEATHER SYMBOLS).

Symbol.	Equal to—	Symbol.	Equal to—
Ci.	Cirrus.	o	Overcast.
Ci.-S.	Cirro-stratus.	p	Passing showers of rain.
Ci.-Cu.	Cirro-cumulus.	q	Squally.
A.-Cu.	Alto-cumulus.	u	Ugly or threatening weather.
A.-S.	Alto-stratus.	v	Visibility of distant objects.
S.-Cu.	Strato-cumulus.	w	Wet or heavy dew.
N.	Nimbus.	●	Rain.
Cu.	Cumulus.	≡	Fog or mist.
Cu.-N.	Cumulo-nimbus.	↳	Dew.
S.	Stratus.	⊙	Solar halo.
Fr.-Cu.	Fracto-cumulus.	⊕	Lunar halo.
Fr.-N.	Fracto-nimbus.	☾	Lunar corona.
Fr.-S.	Fracto-stratus.	☉	Solar corona.
S.-cf.	Stratus-cumuliformis.	↯	Lightning.
N.-cf.	Nimbus-cumuliformis.	⚡	Thunderstorm.
M.-Cu.	Mammato-cumulus.	—	Thunder.
b	Clear, blue sky.	↖	Strong wind.
c	Partial clouds.	⌒	Rainbow.
d	Drizzling or light rain.	∞	Dust haze.
g	Gloomy, or dark, stormy-looking weather.		

NOTE.—The intensity of any individual phenomenon may be distinguished by the figures ° and ², which should be used as exponents of the symbols, so that ° indicates slight, and ² strong; e. g., ●°=slight rain, ●²=heavy rain. Figures in heavier type represent extreme values.

OBSERVATIONS FOR JANUARY, 1917.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	58.40	58.10	58.05	58.25	58.40	58.66	59.31	**60.20**	60.16	59.84	59.53	58.86
2	59.25	58.60	58.45	58.70	58.95	59.36	59.91	60.63	**60.80**	60.53	60.19	59.70
3	59.95	59.70	59.45	59.50	59.60	59.81	60.50	61.02	61.39	61.28	60.88	60.33
4	61.20	60.75	**60.45**	60.70	61	61.48	61.94	62.76	63	62.84	62.85	62.49
5	63.40	63.15	63.10	63.30	63.50	63.73	64.21	64.63	64.79	64.58	64.32	63.90
6	64.65	64.35	64	64.15	64.25	64.54	64.74	65.46	**65.61**	65.34	65	64.43
7	63.45	62.90	62.85	62.95	63	63.26	63.51	64.25	**64.54**	64.34	63.89	63.31
8	63.60	63.30	63.05	62.95	63.15	63.51	64.07	64.72	65.10	**65.11**	64.70	64.37
9	64.65	64.35	64.30	64.15	64.40	64.63	65.28	65.67	**65.84**	65.74	65.45	64.94
10	64.80	64.30	64.20	64.35	64.50	64.39	64.95	65.45	65.44	**65.57**	65.39	64.85
11	64.80	64.45	64.10	64.10	64.30	64.62	65.02	65.37	**65.38**	65.13	64.79	64.18
12	**63.90**	63.20	62.85	62.90	62.80	62.96	63.24	63.51	63.54	63.31	62.95	62.13
13	62.60	62.10	61.60	61.60	61.70	61.96	62.51	**62.78**	**62.78**	62.37	61.80	61.34
14	61.70	61.35	60.90	60.85	61.10	61.31	61.64	61.98	**62.30**	62.14	61.74	61.07
15	61.45	61.10	60.65	60.55	60.65	60.79	61.29	61.94	62.26	**62.27**	61.83	61.20
16	60.40	60	59.65	59.75	60	60.55	60.88	61.34	**61.56**	61.48	60.92	60.08
17	60.80	60.20	59.95	59.95	60	60.63	60.89	61.43	**61.79**	61.51	60.92	60.43
18	60.35	60.10	60.10	59.90	59.95	60.33	60.81	**61.13**	61.10	60.78	59.98	58.98
19	59.75	59.30	59.10	58.95	59.35	59.61	60.11	60.54	**60.71**	60.45	59.87	59.32
20	59.15	58.50	58.15	58.20	58.30	58.65	59.08	59.87	**60.10**	60.04	59.31	58.83
21	58.95	58.40	**57.90**	58	58.20	58.48	58.86	59.56	59.81	59.74	59.55	59.06
22	59.40	59.05	58.70	58.80	58.95	59.08	59.51	60.11	**60.23**	60.21	59.99	59.52
23	59.45	59.10	59	59.05	59.05	59.41	59.91	60.11	**60.49**	60.29	59.81	59.30
24	59.25	58.75	58.60	58.55	58.80	59.24	59.89	60.32	**60.70**	60.49	60.16	59.69
25	59.75	59.45	59.20	59.20	59.35	59.66	60.31	60.63	60.85	60.66	60.47	60.04
26	60.60	60.25	59.90	60.05	60.15	60.52	61.25	61.61	**61.68**	61.46	60.69	60.11
27	60.25	59.95	59.80	59.80	60.05	60.31	60.78	61.24	**61.44**	61.34	60.76	60.34
28	59.35	59.25	59.05	59.20	59.30	59.43	60.26	60.68	**61.05**	60.82	60.31	59.59
29	59.90	59.55	59.35	59.15	59.25	59.58	60.21	60.74	61.13	60.94	60.45	59.96
30	60.45	60	59.75	59.70	59.95	60.46	60.99	61.43	**61.76**	61.45	61.09	60.25
31	60.40	60.10	59.55	59.50	59.60	60.03	60.48	60.81	**61.11**	60.95	60.44	59.69
Mean	61.16	60.76	60.51	60.54	60.70	61	61.49	62	**62.21**	62.03	61.61	61.04

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	22.8	22.6	22.4	22	**21.8**	**21.8**	**21.8**	25.1	27.9	28.2	29.2	29
2	23.3	23.1	23.3	22.7	22.8	**22.3**	22.6	25.9	27.8	28.2	28.8	29.9
3	23.8	23.7	23.1	23	22.9	**22.7**	22.8	26	28.2	28.2	**29.1**	27.9
4	23.4	22.9	23.3	23.3	**22.8**	22.9	23.1	23	24.3	25.2	26.1	26.7
5	22.6	22.7	22.8	22.6	22.5	22.6	22.6	23.6	25.7	26.5	26.7	27.7
6	20.6	20.5	20.3	20.1	**19.9**	20.7	21.3	22.9	25.4	26.1	26.4	26.2
7	21.3	21.2	21.3	20.9	**20.2**	20.3	20.8	23.1	26.6	27.2	26	26.3
8	20.1	20.2	20.9	20.3	**19.9**	20.1	21.1	23.1	26.6	27.7	26.4	26.3
9	22.6	22.6	22.6	**22.1**	22.2	22.2	22.2	24.3	27	26.6	26.5	27.8
10	23.7	23.6	23.6	23.7	23.5	23.8	23.7	23.6	24.2	24.5	25.5	26
11	21.9	22.3	22.7	22.5	22.4	**21.7**	22.4	23.9	25	27.9	**28.6**	28
12	22.4	22	21.8	21.2	21.7	**20.8**	20.9	23.7	25.6	27.7	29.2	**30.1**
13	22.2	22	22	**21.8**	22	**21.8**	21.9	24.1	26.7	28.5	27	26.9
14	22.3	22.1	22	21.9	22	**21.7**	22.1	24.7	26.8	28.5	28.6	27.2
15	23.1	23.1	22.8	22.6	22.2	21.7	22	23.5	25.6	27.3	26.5	27
16	21.3	21.9	21.6	21.1	21	**20.6**	20.8	24.7	27.2	28	29.2	29.4
17	23.1	21.7	21.2	20.8	**20.4**	20.8	20.5	23.4	26	26.6	28.2	28.5
18	23.4	22.8	22.5	**22.2**	**22.2**	22.4	22.8	24.6	26.9	27.5	28.8	28.8
19	23.7	24.1	23.6	22.9	**22.5**	**22.5**	**22.5**	23.9	25.7	**27.4**	26.7	25.8
20	22.5	22.6	22.8	22.7	**22.3**	**22.3**	22.7	23.5	25.4	27.1	27.7	28
21	22.2	22.1	21.6	**21.4**	21.6	21.7	22.2	23.6	25.2	26.9	27.6	27.4
22	22.9	22.9	22.5	22.1	21.9	21.8	**21.7**	23.4	25.2	25.4	25.8	27.7
23	23.8	23	22.2	**21.7**	22	**21.7**	**21.7**	24.5	25.4	27.5	27.8	27.4
24	23	22.7	22.8	22.6	23.3	**22.5**	22.8	24.5	26.4	28.3	28.2	28.5
25	23.1	22.5	22.2	21.6	**21.4**	21.7	22	24	25.8	26.1	26.7	**27.7**
26	21.9	21.7	**21.5**	21.9	21.8	21.8	22	23.2	26.3	25.3	26.8	27.1
27	22.9	22.8	22.6	**22.5**	**22.5**	**22.5**	22.6	23.2	25	25	26.6	26
28	22.6	22.7	23	22.8	22.5	**21.6**	21.8	25	27.1	27.4	28	28.7
29	23.7	22.6	22.1	21.4	20.9	**20.7**	20.8	23.7	26.6	27.2	28.5	26.8
30	22.6	22.6	22.6	22.6	22	22.2	22.3	24	26.8	26.7	26.5	**27.9**
31	21.9	21.6	21.3	20.7	20.1	**19.8**	20	23	25.8	27.1	27.1	27.6
Mean	22.6	22.4	22.3	22	21.8	**21.7**	22	24	26.1	27	27.4	27.6

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
57.93	57.10	**57.01**	57.16	57.61	58.10	58.60	59.05	59.50	59.65	59.70	**59.60**	58.70
58.54	57.92	**57.54**	57.59	57.88	58.58	59.38	60.25	60.55	60.45	60.45	60.30	59.35
59.65	58.53	**58.40**	58.49	59.05	59.49	60.01	60.65	61	61.30	**61.45**	61.40	60.12
61.94	61.34	61.14	61.30	61.33	61.92	62.69	63.20	63.55	63.55	63.60	**63.70**	62.11
63.39	62.79	**62.47**	62.75	62.89	63.35	63.74	64.45	64.85	**64.90**	**64.90**	64.80	63.83
63.65	63.02	62.44	**62.29**	62.43	62.81	63.15	63.55	63.65	63.80	63.70	63.65	63.94
62.54	62	**61.63**	**61.63**	61.85	62.34	62.85	63.25	63.75	64	63.95	63.90	63.16
63.45	62.48	**62.42**	62.57	62.74	63.15	63.55	64.25	64.75	64.85	65.05	64.95	63.83
63.95	63.30	**63.07**	63.09	63.34	63.82	64.18	64.50	65.05	65.20	65.30	65.20	64.56
64.20	63.50	**63.10**	63.36	63.88	64.33	64.50	64.80	65.10	65.25	65.40	65.20	**64.62**
63.50	62.92	**62.42**	62.50	62.62	62.83	63.24	64	64.20	64.20	64.15	63.95	64.03
61.43	60.92	**60.88**	60.90	61.27	61.47	61.75	62.05	62.55	63	62.70	62.70	62.45
60.62	60.33	**60.02**	60.17	60.54	60.94	61.39	62.05	62.60	62.40	62.35	62.05	61.69
60.58	59.90	**59.59**	59.94	60.16	60.49	60.85	61.40	61.55	61.50	61.50	61.60	61.13
60.04	59.29	59.02	**58.97**	59.27	59.70	60.04	60.40	60.70	60.70	60.65	60.60	60.64
59.47	59.02	**58.92**	59.18	59.50	60	60.70	61.30	61.40	61.30	61.30	61.15	60.41
59.53	58.85	**58.54**	58.64	59.12	59.53	59.88	60.40	60.40	60.60	60.75	60.70	60.23
58.10	57.44	**57.30**	57.48	58.09	58.83	59.59	59.90	60.05	60.15	60.15	60.05	59.61
58.52	57.81	**57.52**	57.75	58.44	58.89	59.50	59.75	59.90	59.95	59.80	59.55	59.35
58.21	57.49	**57.13**	57.27	57.64	58.05	58.50	59.05	59.40	59.40	59.35	59.10	**58.70**
58.24	57.45	**57.25**	57.54	58.14	58.51	59.15	59.55	59.70	59.85	**59.90**	59.80	58.82
58.70	58.11	57.66	**57.43**	57.73	58.51	58.82	59.05	59.35	59.70	59.80	59.65	59.09
58.53	57.82	**57.69**	57.89	58.17	58.48	58.74	59.25	59.35	59.60	59.50	59.45	59.14
59.12	58.65	**58.40**	58.45	58.75	59.06	59.47	59.80	60.10	60.25	60.30	60.10	59.45
59.35	**59.22**	59.30	59.39	59.84	60.29	60.74	61.10	**61.15**	61.10	61.10	61.05	60.13
59.62	59.16	**58.85**	59.02	59.20	59.51	60.04	60.20	60.35	60.35	60.40	60.45	60.23
59.36	58.64	**58.29**	58.30	58.74	59.15	59.52	60	60.15	60.10	59.80	59.75	59.91
58.78	58.09	**57.72**	57.77	57.96	58.40	59.20	59.90	60.25	60.50	60.45	60.30	59.48
59.16	58.44	**58.22**	58.64	59	59.44	60.03	60.80	61.25	**61.35**	61.05	60.90	59.94
59.65	59.11	**58.79**	58.88	59.15	59.35	60.01	60.50	60.80	60.70	60.65	60.50	60.22
58.85	58.08	**57.57**	57.74	58.08	58.28	58.79	59.10	59.60	60.10	60.10	60.10	59.54
60.28	59.64	**59.36**	59.49	59.82	60.25	60.73	61.21	61.50	61.60	61.59	61.49	60.92

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
29.2	30.3	**31.4**	30.3	29	26.6	25.6	25	24.6	24	23.5	23.4	25.7
30	30.3	**30.7**	29.5	28.8	27	26.7	26	24.9	24.1	24.1	24	**26.1**
25.6	28	**29.1**	28.2	27.7	26.1	24.6	24.4	24.1	23.8	23.3	23.3	25.4
27.1	27	26.5	26.1	25.5	24.3	23.5	23.3	23	23.2	22.9	**22.8**	24.3
28.6	28.3	28.2	27.3	25.7	24.2	23.7	23.4	22.5	22.1	21.6	**21.1**	24.4
27.5	26.9	26.6	26.1	25.1	23.6	23.1	22.4	22	21.7	21.8	21.6	**23.3**
27.2	**29**	27.3	27.3	26.9	24.1	22.7	21.7	21.3	21.7	21.7	20.8	23.6
28.7	28.2	27.4	28.3	26.4	24.7	24.1	23.9	23	22.8	23.1	22.9	24
27.9	**28**	26.4	25.8	25.7	25	24.2	24.1	23.8	23.8	23.8	23.7	24.6
25.7	25.5	**26.3**	25.3	24.7	24.2	23.2	22.7	22.9	23.5	23	**22.5**	24.1
27.6	27.5	26.9	26.1	25.2	24.2	23.2	22.8	23.2	22.7	21.9	22.4	24.3
28.4	28.2	27.5	27	25.3	24.7	24.2	23.5	23.2	22.9	22.5	22.6	24.5
28.3	28.4	**29.8**	28.7	28.2	26.4	25.6	24.5	24.6	23.4	23.5	23	25.1
26.5	28.1	**30**	26	25.7	25.2	24.3	23.6	23.3	22.7	22.6	22.5	24.6
29.3	29.2	29.9	**30**	28.2	25.6	23.8	22.5	22.2	21.6	21.1	**20.8**	24.6
29.4	**29.6**	27.7	28	27	25.7	24.3	23.3	24.1	23.1	22.4	21.9	24.7
28.7	29	**30.1**	29.1	27.8	26.9	25.5	24.2	23.4	22.8	22.6	23.2	24.8
29.1	28.5	28.1	**29.2**	27.5	26	24.4	24.2	23.4	22.7	22.5	23	25.1
26	26.8	26.4	26.4	25.7	24.9	24.5	24.3	23.9	23.6	23.5	23.1	24.6
28.1	27.3	27.7	**28.5**	27.2	25.9	25.5	24.7	23.5	23.4	23.2	22.9	24.9
28	27.8	**29**	27.9	27.1	26.3	25.8	24.6	**24**	24	23.5	23.3	24.8
28.7	27.3	27	27.2	27.1	25.4	24.5	23.3	22.9	23.7	23.7	23.9	24.5
29	**29.8**	28.7	28	27.4	25.9	24.9	24.3	**24**	23.8	23.8	23.5	25.1
28.6	26.4	27.5	27	26.6	25.7	24.8	23.9	23.4	23.2	23.1	23.4	25
27.7	25.7	24.5	24.2	23.5	22.6	22.5	22.3	22.2	22	21.8	21.8	23.6
26.6	27.4	**29.1**	28.4	27.1	25.9	25	24.5	24	23.7	23.4	22.9	24.6
27.6	**28.7**	28	27.5	27.3	25.8	24.9	24.6	24.3	24.1	23.5	23.2	24.7
29.1	29.5	30	**31**	28.6	26.6	25.3	24.5	24.5	24.6	24.1	24.3	25.6
27.3	**28.6**	28	27.5	27.4	26.1	25	24.3	24.1	23.4	23.3	23.2	24.7
26	26.8	27.5	26.6	26.2	24.9	24	23.7	23.1	22.5	**21.9**	22	24.3
28.1	28.8	**29.8**	28.6	28.5	26	24.7	24.2	23.3	24.2	23.6	23.4	24.6
27.9	28.1	**28.2**	27.6	26.8	25.4	24.5	23.8	23.4	23.2	22.9	22.8	24.7

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	97	97	96	97	97	97	98	88	75	73	74	74
2	95	96	93	95	95	96	97	84	76	74	74	67
3	93	94	97	97	97	96	96	82	77	74	71	78
4	90	93	90	89	93	92	90	92	87	82	76	74
5	90	89	89	89	90	88	87	82	76	70.5	66	63
6	91	91	91	93	94	91	87	83	70	62	66	66
7	91	92	91	91	94	91	90	79.5	65	66	74	72
8	97	95	93	94	95	94	94	87	68.5	66	73	74
9	92	91	88	93	92	91	91	78	67.5	68.5	70.5	66
10	76.5	77	76	75	76	73	77	83	76	78	75	69
11	82	78	74	75	75	80	75	67	65	56	53	54
12	80	83	85	89	82	89	91	76	69	60	58	57
13	94	94	95	96	94	93	95	84	74	68	74	76
14	95	96	95	96	96	96	96	83	76	67	66	75
15	93	93	95	94	94	96	96	90	79	72	75	73
16	90	89	91	94	95	95	94	73	65	62	60	59
17	82	89	90	93	93	90	93	80	72.5	71	64	63
18	87	91	93	95	95	94	90	79	72	71	62	61
19	86	83	88	90	93	93	93	85	75	68	73	77
20	91	90	89	89	91	90	88	84	79	70	67	68
21	92	92	94	95	93	93	91	83	76	71	69	72
22	89.5	89.5	92	94	95	95	95	87	74	73	74	66
23	85	90	95	96	93	96	96	82	79	70	72	71
24	90	84	91	92	88	93	92	87	75	64	65.5	69
25	90	95	95	95.5	95	94	94	86	75	73	72	68
26	96	96	97	95	96	96	96	91	73	78	72	72
27	96	96	97	98	97	97	97	95	82	85	79	81
28	89	91	89	89	89	93	92	77	71	68	67	64
29	86	92	92	95	95	95	96	85	74	72	65	71
30	88	89	86	85	89	89	89	80	65	66	67	61
31	88	90	92	92.5	94	95	96	83	71	67	70	66.5
Mean	89.7	90.5	90.9	92	92.1	**92.3**	92	83.1	73.5	69.9	69.2	68.6

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	19.9	19.7	19.4	19.1	**18.9**	**18.9**	19.1	20.7	21	20.8	22.2	22
2	20.1	20.1	19.8	19.4	19.5	**19.1**	19.7	20.8	21	21.2	21.8	21.1
3	20.4	20.5	20.5	20.2	20	19.6	19.7	20.6	21.7	21.2	21.2	**21.8**
4	19.3	19.3	19	18.9	19.2	**19.1**	19	19.2	19.7	19.5	19.1	19.4
5	18.4	18.3	18.3	18.2	18.3	17.9	17.7	17.8	**18.6**	18.1	17.1	17.4
6	16.5	16.3	16.2	16.3	16.3	16.5	16.4	17.1	16.9	15.5	17	16.7
7	17.1	17.2	17.1	16.7	16.6	**16.2**	16.4	16.7	16.8	17.7	18.5	18.3
8	17	16.8	**17**	16.7	**16.5**	**16.5**	17.4	18.3	17.7	18.2	18.8	**18.9**
9	18.7	18.6	17.9	18.3	18.3	18.1	18.1	17.5	17.8	17.7	18.1	18.3
10	16.7	16.7	16.6	16.3	16.3	**15.9**	16.8	18	17	17.8	**18.2**	17.2
11	16.1	15.6	15.2	15.2	15.1	15.4	15.1	**14.8**	15.4	15.7	15.4	15.3
12	16.1	16.3	16.5	16.7	**15.8**	16.2	16.7	16.5	16.9	16.7	17.4	18
13	18.6	18.4	18.6	18.5	18.4	18	18.5	18.7	19.4	19.6	19.6	**20**
14	18.9	18.9	**18.6**	18.7	18.8	**18.6**	18.9	19.3	19.9	19.4	19.3	20
15	**19.5**	**19.5**	**19.5**	19.1	18.6	18.4	18.8	19.3	19.3	19.4	19.3	19.3
16	**16.9**	17.4	17.4	17.4	17.5	17.2	17.1	**16.9**	17.4	17.4	18	17.9
17	17.2	17.2	16.8	16.9	16.6	**16.4**	16.8	17	18.1	18.3	18.2	18.3
18	18.6	18.8	18.8	18.8	18.8	18.9	18.6	18.2	19	**19.4**	18.2	18.1
19	18.8	18.5	19	18.7	18.8	18.8	18.8	18.7	**18.3**	18.6	19	19
20	18.4	18.4	18.5	18.2	18.2	18.1	18	18	19	18.5	18.5	19.1
21	18.3	18.2	17.9	17.9	**17.8**	17.9	18.1	18	18.1	18.6	19	19.5
22	18.6	18.6	18.6	18.5	18.5	18.4	18.2	18.6	17.7	17.6	18.2	18.2
23	18.6	18.8	18.8	18.6	18.2	18.4	18.6	18.6	19	19	**20**	19.3
24	18.8	**18.3**	18.8	18.7	18.7	18.8	19	19.8	19.2	18.4	18.6	20
25	18.8	19.2	18.8	18.3	**18.1**	**18.1**	18.4	19	18.6	18.4	18.8	18.7
26	18.8	18.6	**18.5**	**18.5**	**18.5**	**18.5**	18.8	19.3	18.6	18.7	18.9	19.1
27	19.8	19.7	19.8	19.9	19.7	19.7	19.7	20	19.3	20	**20.4**	20.2
28	18.2	18.7	18.5	18.5	17.9	**17.8**	**17.8**	18.2	18.9	18.6	18.7	18.9
29	18.8	18.7	18.2	18.1	17.5	**17.3**	17.6	18.4	19.2	19.2	18.8	18.5
30	17.9	18	17.5	17.3	17.5	17.8	17.9	17.7	**17.1**	**17.1**	17.3	**17.1**
31	17.3	17.3	17.3	16.8	16.5	**16.4**	16.7	17.3	17.5	17.8	18.5	18.2
Mean	18.3	18.3	18.2	18	17.9	**17.8**	18	18.4	18.5	18.5	**18.8**	**18.8**

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
74	71	**63**	68	76	84	88	91	91	93	96	96	85.6
66	**64**	**64**	68.5	70	82	83	88	85	91	92	93	82.9
88	70	**66**	72	69	80	89	88	88	89	92	91	84.8
70	73	72	80	80.5	87	91	90	92	88	91	91	85.6
59	62	62	61	66	72	75	75.5	81	83	87	89	77.2
56	60	60	64	72	80	84	88	88	92	90	92	79.6
68	**64**	70	71	72	78	84	90	90	90	89	93	81.5
61	65	61	**60**	70	78	80	80	88	89	87	89.5	80.8
67	69	71	75	73	76	78	78	80	79	77	77	78.7
67	**66**	**66**	68	74	77	82	82	79	75	78	79	75.2
56	58	58	61	66	72	75	79	75	78	**84**	81	**69.9**
62	64	62	66	81	79	80	85	87	90	**93**	90	77.4
69	64	**56.5**	64	65	74	78	83	82	89	89	92	80.9
81	73	**64**	89	89	83	87	92	92	**96**	95	**96**	86.4
64	62	60	**48**	56	66.5	77	82	84	87	90	91.5	79.9
61	61	68.5	67	64	69	76	83	80	84	88	89	77.4
64	**63**	**63**	68	75	73	79	86	90	93	**95**	89	79.9
59	58.5	61	**57**	66	73	82	85	90	93	94	91	79.1
77	74	73	73	78	81	84	82	85	87	87	88	82.2
70	71	68	**64**	68	73	74	80	87	87	87	89	79.8
69.5	71	**62**	68	72	74	77	82	84	84	87	88	80.8
60	65.5	69	70	72	78	81	89	90	85	85	83	81.3
63	**59**	61	63	66	75	82	83	85	85.5	85.5	86	80
69	84	76	77	76	81	83	88	90	92	92	90	82.9
69	77	84	88	91	97	96.5	96	97	97	**98**	**98**	**88.4**
76	75	**66**	71	74	77	83	84	87	90	91	96	84.5
74	**69**	71	73	73	78	82	82.5	85	85	85	87	85.2
64	63	63	**60**	69	78	80	83	82	82	86	83	78
68	**63**	67	71	66	70	76	78	81.5	85	84.5	84	79.7
69	67	66	71	73	75	81	82	84	87	**89**	88	78.6
65	63	**61.5**	65	64	75	79	82	86	78	84	85	78.9
67.3	66.7	**65.7**	68.4	71.8	77.3	81.5	84.4	86	87.2	88.6	88.9	80.7

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
22.3	**22.7**	21.6	21.7	**22.7**	21.8	21.4	21.3	20.8	20.7	20.6	20.4	**20.8**
20.9	20.7	21	20.9	20.6	21.7	21.5	**21.9**	19.9	20.4	20.6	20.7	20.6
21.4	19.7	19.8	20.4	**19.1**	20.1	20.4	20	19.6	19.4	19.6	19.4	20.3
18.7	19.3	**18.5**	**20.1**	19.5	19.7	19.6	19	19.2	18.6	18.9	18.8	19.2
17.2	17.6	17.7	16.4	**16.1**	16.2	16.3	16.2	16.4	16.5	16.6	16.6	17.3
15.4	15.7	15.6	16.1	17	17.3	17.6	17.6	17.4	**17.7**	17.5	17.6	16.7
18.1	19.1	18.8	**19.2**	19	17.5	17.3	17.4	16.9	17.4	17.2	16.9	17.5
17.9	18.4	16.7	17.2	17.8	18	17.8	17.6	18.3	18.3	18.3	18.6	17.7
18.6	**19.3**	18.2	18.4	17.9	17.8	17.6	17.5	17.5	17.3	16.9	**16.8**	18
16.5	**15.9**	16.7	16.4	17.1	17.2	17.3	16.8	16.5	16.1	16.2	16	16.8
15.3	15.7	15.2	15.4	15.7	16.2	15.9	**16.4**	15.8	16.1	**16.4**	16.3	**15.6**
17.7	18.2	17	17.5	**19.5**	18.4	17.9	18.4	18.4	18.7	18.8	18.4	17.4
19.7	18.3	**17.6**	18.7	18.4	19	18.9	19	18.8	19	19.1	19.2	18.8
20.8	20.6	20.1	**22.1**	21.9	19.9	19.7	19.9	19.6	19.6	19.3	19.4	19.7
19.3	18.8	18.7	**15.1**	15.8	16.2	16.8	16.7	16.7	16.8	16.7	16.7	18.1
18.5	18.7	**18.9**	18.7	**16.9**	17	17.2	17.6	17.8	17.7	17.6	17.4	17.6
18.7	18.7	20	20.2	**20.8**	19.2	19.1	19.4	19.3	19.2	19.3	18.7	18.4
17.7	**16.9**	17.4	17.1	18.1	18.3	18.7	19	19.2	19	19	19	18.5
19.2	**19.3**	18.8	18.6	19	19	19.2	18.6	18.7	18.8	18.7	18.4	18.8
19.7	19.2	18.7	18.4	18.3	18.1	**17.9**	18.5	18.7	18.6	18.4	18.4	18.5
19.5	**19.8**	18.5	19	19.1	18.9	19	18.8	18.6	18.6	18.7	18.7	18.6
17.5	17.7	18.2	18.7	**19.1**	18.8	18.5	18.9	18.7	18.4	18.4	18.3	18.4
18.7	18.4	**17.7**	17.8	18	18.5	19.1	18.8	18.8	18.7	18.7	18.5	18.6
20.1	**21.5**	20.8	20.3	19.6	19.8	19.2	19.4	19.3	19.5	19.4	19.2	19.4
19.1	18.9	19.2	**19.8**	19.6	19.7	19.5	19.3	19.3	19.1	19.1	19.1	19
19.6	20.3	19.8	**20.4**	19.7	19.1	19.4	19.2	19.3	19.5	19.5	19.8	19.2
20.4	20.2	19.9	19.8	19.8	19.2	19.1	18.9	19.1	18.9	**18.4**	**18.4**	19.6
19	19.2	19.8	20	20.1	**20.2**	19.1	19	18.6	18.8	19.1	18.8	18.8
18.2	18.4	18.7	**19.4**	17.8	17.7	18	17.7	18.2	18.2	18	17.9	18.3
17.4	17.6	18.1	**18.3**	**18.3**	17.5	18.1	17.9	17.7	17.6	17.4	17.4	17.6
18.5	18.5	**19.2**	19	18.4	18.7	18.2	18.3	18.3	17.6	18.1	18.1	17.9
18.8	**18.8**	18.6	18.7	18.7	18.6	18.6	18.5	18.4	18.4	18.4	18.3	18.4

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.	S.-Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu. EbyN	Ci.-S.	N.-cf. EbyN
2	Ci.	Cu.	A.-Cu. NE	Cu.	Ci.	Cu.	Ci.	Cu.	A.-Cu.	Cu.
3	Ci.	Cu.	----------	Cu.	----------	Cu.	----------	Cu. E	----------	Cu.-N. E
4	----------	S.-Cu.	----------	S.-Cu.	Ci.-S.	S.-Cu.	----------	N.-cf. SE	----------	N.-cf. SE
5	----------	S.-Cu. ENE	Ci.-S.	Cu. E	Ci.-S.	Cu. E	----------	N.-cf. E	Ci.-S.	Cu.
6	----------	Cu.	Ci.	Cu.	Ci.	Cu.	----------	N.-cf. E	Ci.-S.	Cu. E
7	Ci.	S.-Cu. EbyS	Ci.	Cu. EbyS	A.-Cu.	Cu. EbyS	A.-Cu.	Cu.	Ci.	N.-cf. E
8	A.-Cu.	Cu.	----------	Cu. E	Ci.	Cu.	----------	N.-cf. E	----------	N.-cf. E
9	A.-Cu.	Cu. E	Ci.	Cu.	A.-Cu.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E
10	----------	N.	----------	N.	----------	N.-cf. E	----------	N.-cf.	Ci.-S.	Cu.-N.
11	A.-Cu. ESE	Cu. E	A.-Cu. ESE	Cu. E	A.-Cu.	Cu. E	A.-Cu. ESE	Cu. E	A.-Cu.	Cu. E
12	A.-Cu. ESE	Cu.	A.-Cu. ESE	Cu.	A.-Cu.	Cu.	----------	Cu. E	----------	Cu. E
13	A.-Cu. ESE	Cu.	Ci.	Cu.	Ci.	Cu. E	----------	Cu. E	----------	N.
14	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	----------	Cu. E
15	----------	Cu. E	----------	Cu. E	----------	Cu. ENE	----------	N.-cf. ENE	----------	N.-cf. ENE
16	Ci.	Cu.	Ci.	Cu.	----------	Cu.	----------	Cu. ENE	----------	Cu. ENE
17	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
18	Ci.	Cu. ENE	----------	Cu. ENE	----------	Cu. ENE	----------	Cu. ENE	----------	Cu. ENE
19	----------	Cu.	Ci. WSW	Cu. E	Ci.	Cu. ENE	----------	N.-cf. ENE	----------	N.-cf. ENE
20	----------	S.-Cu. EbyN	----------	N.-cf. EbyN	----------	Fr.-N.	----------	Cu. ENE	----------	N.-cf. ENE
21	A.-Cu.	S.-Cu. E	Ci.-S.	S.-Cu. E	Ci.-S.	Cu. E	Ci.-S.	S.-Cu. ENE	Ci.-S.	S.-Cu. ENE
22	Ci.-S.	S.-Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu. ENE	Ci.-S. WSW	Cu. ENE	Ci.-S.	Cu. ENE
23	Ci.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	----------	Cu. N	----------	N.-cf. ENE
24	Ci.-S.	S.-Cu. ENE	Ci.-S.	S.-Cu. ENE	----------	Cu. ENE	----------	Cu. ENE	----------	N.-cf. ENE
25	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	N.-cf. E	Ci.-S.	Cu.
26	----------	Cu. E	A.-Cu.	Cu. E	A.-Cu.	N.-cf. E	----------	Cu. E	A.-Cu.	Cu. E
27	Ci.-S.	S.-Cu. E	Ci.-S.	S.-Cu. E	Ci.-S.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
28	A.-Cu	S.-Cu.	A.-Cu.	S.-Cu.	----------	Cu.	Ci.	Cu.	Ci.	Cu.
29	Ci.	Cu.	Ci.	Cu.	Ci.	Fr.-Cu. ENE	----------	Cu. ENE	----------	Cu. E
30	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E
31	----------	Cu.	----------	Cu.	----------	Cu. ENE	----------	Cu. E	----------	Cu. E

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu.
2	Ci.	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.-N.
3	----------	Cu.-N. E	A.-Cu. E	Cu. SSE	A.-Cu. E	Cu. SSE	A.-Cu. E	Cu. SSE	A.-Cu.	Cu. SSE
4	----------	N.-cf. E	----------	Cu.-N. E	----------	Cu.-N. ENE	----------	S.-Cu. ENE	----------	S.-Cu. ENE
5	----------	Cu.	A.-Cu.	Cu. E	A.-Cu.	Cu. E	Ci.	Cu. E	----------	Cu. E
6	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu.	Ci.-S.	Cu.
7	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E	Ci.	Cu.
8	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu.-N. E	Ci.-S.	Cu. E	Ci.-S.	Cu.
9	Ci.-S.	Cu. E	----------	N.-cf. E	----------	N.-cf. E	----------	N.-cf. E	----------	S.-Cu. EbyS
10	Ci.-S.	N.-cf. E	Ci.-S.	N.-cf. E	Ci.-S.	N.-cf. E	Ci.-S.	Cu.-N. E	Ci.-S.	N.-cf. E
11	A.-Cu.	Cu. E	A.-Cu. E	Cu. E	A.-Cu. E	Cu. E	A.-Cu. ENE	Cu.	A.-Cu.	Cu.
12	----------	Cu. E	Ci.-S.	Cu. ENE	Ci.-S.	S.-Cu. ENE	Ci.-S.	S.-Cu. ENE	Ci.-S.	Cu.-N. E
13	Ci.	Cu. E	Ci.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.	Cu. E
14	----------	N. E	Ci.	Cu. E	----------	Cu. E	----------	Cu. E	A.-Cu. NE	S.-Cu.
15	----------	Cu. ENE	----------	Cu. ENE	Ci.-S.	Cu. ENE	A.-Cu.	Cu.	A.-Cu. E	Cu.
16	----------	Cu. ENE	A.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE	A.-Cu.	Cu.
17	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
18	----------	N.-cf. ENE	----------	N.-cf. ENE	----------	Cu. E	----------	N.-cf. ENE	----------	N.-cf. ENE
19	----------	N.-cf. ENE	----------	N.-cf. ENE	----------	N.-cf. ENE	----------	N.-cf. ENE	----------	N.-cf. ENE
20	Ci.	Cu. ENE	Ci.-Cu.	Cu. ENE	----------	N.-cf. ENE	----------	N.-cf. ENE	----------	N.-cf. ENE
21	Ci.-S.	N.-cf. ENE	Ci.-S.	N.-cf. ENE	Ci.-S.	Cu. E	Ci.-S.	N.-cf. E	Ci.-S.	N.-cf. E
22	Ci.-S.	N.-cf. ENE	----------	N.-cf. ENE	----------	N.-cf. ENE	----------	Cu. E	----------	Cu. E
23	Ci.-S.	Cu.	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE	----------	N.-cf. ENE	Ci.-S.	S.-Cu. ENE
24	----------	N.-cf. ENE	----------	Cu. E	----------	N.-cf. E	----------	S.-Cu. E	----------	N.-cf. E
25	----------	N.-cf.	----------	Cu.-N. ENE	----------	N. ENE	----------	Cu.-N. ENE	----------	N. E
26	----------	Cu.-N. E	----------	Cu. E	----------	Cu.-N. ENE	----------	Cu. E	----------	Cu. E
27	----------	Cu. E	Ci.	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E
28	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
29	----------	Cu. ENE	----------	Cu.-N. ENE	----------	Cu.-N. ENE	A.-Cu.	Cu. ENE	A.-Cu. ESE	Cu.
30	----------	Cu.-N. E	----------	Cu.-N. ENE	A.-Cu.	S.-Cu. ENE	----------	Cu.-N. E	----------	S.-Cu. E
31	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	Calm	SE 1.5	Calm	SE 0.5	Calm	Calm	Calm	E 0.5	Calm	WSW 0.5	WNW 2	WNW 2.5
2	SE 0.5	Calm	Calm	Calm	SE 0.5	Calm	Calm	Calm	Calm	SW 2	WNW 2	W 3.5
3	Calm	Calm	Calm	NNE .5	Calm	Calm	NNE 0.5	Calm	Calm	W 1	SW 1.5	S 3
4	Calm	NE .5	NNE 1.5	N 1.5	Calm	Calm	NNE .5	Calm	Calm	W .5	SSW .5	SW 1
5	Calm	Calm	N .5	Calm	Calm	N 1	N .5	N .5	NE 0.5	N 1	ENE 8.5	NE 3.5
6	NE .5	ENE .5	N .5	Calm	Calm	NbyW 1	N .5	Calm	E .5	NNW .5	SSW .5	
7	N 1	NE .5	Calm	N .5	N .5	NbyE 2.5	NbyE 1.5	NNE 1.5	NNW 2	NNW 6	NNW 2	WSW 1.5
8	Calm	ENE 1.5	Calm	Calm	N 1	Calm	NNE .5	N .5	NNE 1	N 3	NW 3	NW .5
9	Calm	NNE .5	NNE 2.5	NE .5	NE .5	NE .5	Calm	Calm	NNE .5	NNE 3	NbyW 6	NbyW 4
10	N 2	N 2.5	NNW 3	NNW 2	N 2	N 3.5	N 1	Calm	NNE 1.5	NNE 1	NE 2	NNE 4.5
11	N 2.5	NNE 3	NNE 3.5	N 2.5	N 1	NNE .5	NE .5	NbyE 4	NNE 5	NNE 5	NNE 4	NNE 4
12	NW 1.5	Calm	NNW 1	NW .5	NW 1	Calm	Calm	NNW 1	NW 1	W 2	SW 2	SW 1
13	Calm	N .5	N .5	Calm	N .5	NNE .5	Calm	N .5	Calm	Calm	W 3	NW 1
14	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NNE 2	WSW 1.5	WSW 4	W 2
15	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NE .5	SW 2	SW 1
16	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NNW 3	WNW 3.5	NE 1	SSW 1.5	SW 2
17	W 2	Calm	Calm	Calm	Calm	NNE .5	NNW .5	N 1	Calm	WSW 1	NW 2	WSW 5
18	N 2	Calm	NNE 2	Calm	Calm	Calm	NNE .5	NNE 1.5	NNE 2.5	Calm	NW 2.5	Calm
19	W 1.5	W 1	Calm	NW 1.5	NNE .5	Calm	Calm	Calm	NE .5	Calm	Calm	SSW 2.5
20	Calm	Calm	Calm	Calm	Calm	NE .5	Calm	NNE .5	NE 1.5	N 3.5	N 4	NNE 3
21	Calm	N .5	Calm	Calm	N .5	NNE 2	NbyW 2	NNE 1	NNE 1	NNW 3	Calm	S 1
22	Calm	Calm	Calm	Calm	Calm	Calm	SE .5	Calm	Calm	Calm	WSW 2	SW 1.5
23	NW 1.5	NNW .5	Calm	N 1	N 2	Calm	Calm	NE 2	NE 1	N 1	SW 1	SW 2
24	Calm	Calm	Calm	Calm	W 1.5	ENE .5	Calm	Calm	Calm	N .5	Calm	Calm
25	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SW 2	S 1	S 1.5
26	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WSW .5	WNW 3.5
27	Calm	NE .5	Calm	Calm	Calm	Calm	NNE 1	Calm	Calm	NW 1	SSW 1	SW 2
28	Calm	Calm	Calm	Calm	Calm	N .5	Calm	Calm	WNW 1	W 3	W 1.5	W 4
29	Calm	W .5	Calm	Calm	Calm	Calm	Calm	Calm	SW .5	WSW 2.5	W 1.5	W 2
30	Calm	Calm	Calm	N .5	Calm	Calm	Calm	Calm	Calm	NW 3	Calm	NE 1
31	NE, 1	Calm	Calm	Calm	Calm	Calm	Calm	N .5	NW .5	W 1	W 2.5	SW 2
Mean	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.6	0.8	1.6	2.1	2.1

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	W 4	WNW 1	SSW 2	NE 0.5	Calm	ESE 2	SE 2	E 2	SE 1.5	Calm	Calm	Calm	0.9
2	W 1.5	WSW 2	WSW 1.5	WSW 2	WSW 3	SW 1.5	SW 1.5	SW 1	N 2.5	NE 2	Calm	Calm	1.1
3	S .5	NNE 1.5	NNE .5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.4
4	W 1	W 1	E 4.5	Calm	N .5	N .5	Calm	NE 1	NE .5	NNE .5	Calm	Calm	.6
5	NE 3	E 4.5	E 5	E 3	E 1.5	ESE 2.5	ESE 3	E 2.5	E 2	E 1	Calm	NE 1	1.9
6	E 6.5	E 5	E 7	E 1	ENE 2.5	E 1.5	Calm	NE 1.5	NE 1.5	N 1	Calm	Calm	1.3
7	NW 1	SW 2	SW 1	Calm	Calm	E 1	E 2.5	E 2	ENE 1.5	NE .5	ENE 0.5	Calm	1.3
8	NNW 1	NE 1	NNE 4.5	NNE 4	NNE 2	NNE .5	NNE 1	Calm	Calm	Calm	SE 1.5	SE .5	1.1
9	NNE 2.5	NE 1	NNW 2.5	NNE 1	NNE 2	N 3	N 3	N 2.5	N 1.5	N 2	N 2.5	N 2	1.8
10	NNE 4.5	NNE 7	NNE 5.5	NNE 5.5	NNE 1	NE 1	NE .5	NE 2	N 2	NNE 2.5	N 2.5	N 3	2.6
11	NNE 8	N 3	NE 5	NE 5.5	NNE 2	NNE 1	N 1	Calm	NW 2	NW 1	NNW .5	NW 1.5	2.8
12	ENE 3.5	ENE 1.5	NNE 2.5	Calm	Calm	Calm	NNE 1	NNW 1.5	NNE .5	Calm	N .5	NNW .5	.9
13	Calm	ENE 4	E 3	NE 1.5	ENE .5	Calm	ENE .5	NNE 1	NE 1.5	Calm	Calm	NNE .5	.8
14	SW 1.5	W .5	W 1.5	Calm	Calm	NNE 1.5	NNE 2	NE 1.5	Calm	Calm	Calm	Calm	.8
15	SW 2.5	W 3.5	WSW 2	ENE 4	ENE 1.5	ENE 1	Calm	ENE 1.5	E 1	Calm	Calm	Calm	.9
16	SW 3	SW 3.5	SW 2.5	WSW 1	NNE 2.5	NNE 2	NE 2	Calm	SSW 2	Calm	Calm	Calm	1.2
17	SW 3	SW 4	SW 1.5	SW 4	Calm	NNE 2.5	N 1.5	Calm	Calm	Calm	Calm	Calm	1.2
18	Calm N	2 N	2 NNE	3 NNE	1.5 NNE	2.5 NE	2 Calm	Calm	Calm	Calm	Calm	W 2	1.1
19	SW 1	Calm	NW 1.5	NW 3	SE 1	Calm	Calm	ENE .5	Calm	Calm	Calm	Calm	.6
20	NNE 3.5	N 4	NNE 5.5	NNE 1	N 1.5	N 4.5	N 2.5	Calm	Calm	Calm	Calm	Calm	1.5
21	SbyW 1.5	Calm	N 2	Calm	Calm	Calm	W 1	NE .5	Calm	Calm	SE .5	Calm	.7
22	SbyE 1	W 2	SW .5	WSW .5	NW 1	S 1	Calm	Calm	Calm	W 1.5	W 1	W .5	.5
23	NNE 3.5	NNE 5	NNE 3	NNE 3.5	NNE 2	NE 3	Calm	NE .5	Calm	Calm	Calm	Calm	1.4
24	SW 2	Calm	NE .5	NNW 1.5	NNE 2	NE 1	NE .5	Calm	Calm	Calm	Calm	Calm	.4
25	S 3.5	ESE 1.5	ESE .5	Calm	SE .5	SE .5	Calm	Calm	Calm	Calm	Calm	Calm	.5
26	WSW 1.5	SW 1	E 5	NNE 1	NNW .5	SE 1	ESE .5	Calm	Calm	ENE 1	E 3	Calm	.8
27	WSW 1.5	W 1	NW .5	SW 2	E 2	SE 2	SE .5	ENE 1.5	E 1.5	E 1.5	ENE 1.5	ENE .9	
28	SW 2.5	W 1.5	SW 1.5	SE 2.5	NE 1.5	ENE 1	SE 2.5	SE 2	SE 2	Calm	Calm	WSW 2	1.2
29	WNW 2	W 1.5	NW 1.5	Calm	NNE 2	Calm	Calm	E 1.5	SE 1.5	Calm	Calm	Calm	.7
30	SSE 1	SW 1	SW .5	S 2	SW 1	E 1	ESE .5	ESE 1.5	ESE 1.5	ESE 2	Calm	Calm	.7
31	SW 2.5	SW 2	SSW 1	SSE .5	ESE 2.5	ESE 1.5	Calm	Calm	Calm	NNW 1	Calm	Calm	.8
Mean	2.4	2.2	2.5	1.7	1.2	1.3	1	0.9	0.9	0.6	0.5	0.5	1.1

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	2	3.5	1.5	3	3	3	2	3	2	6	9	11
2	3	4	3	2	3	3	4	3	8	4	**15**	**15**
3	1	.5	0	1.5	3	3	3.5	1	1.5	7	10	10
4	4	4	6	6	2	3	6	3	1	2	7	8
5	.5	1	3.5	2	2	4.5	7	7	5.5	2	21	17.5
6	3	4.5	4	1.5	1	2.5	6	1.5	3	2.5	8	7
7	3.5	2.5	2	2	1	5	6	4	5	8	**18**	7
8	2.5	4	3	3	4	5.5	5.5	3	8	7	7	8
9	2	2.5	7	4	3	3	2.5	4.5	6	9	**19**	13
10	8	9	8.5	10	7.5	10	9	5	11	12	16	19
11	11	10	13	12	9	4.5	8.5	8.5	16.5	18	**27**	26
12	5	4.5	4	4	4.5	5	2.5	7	6	6	**9.5**	7.5
13	3	4	4	1	3	7	4	3	4	3	14	13
14	3	3.5	2.5	2	2	2.5	4.5	6	7.5	4.5	**12**	**12**
15	2.5	2.5	1	1	2.5	2	2	1	2	2.5	7.5	6.5
16	1	2	2.5	2.5	1	1.5	1	5	8	5	10	8.5
17	7	3	.5	2.5	2	4	3.5	4.5	2.5	3.5	11	14
18	6	4.5	2.5	6.5	2	1	2	6	6	7	4.5	6.5
19	7.5	6	3	4.5	4.5	2	0	3	3.5	4.5	5	8
20	1.5	2	1	3	3	4.5	4.5	5	4	8	**18**	14
21	1	4.5	2.5	3	4.5	4.5	5.5	6.5	7	9	6.5	6.5
22	4	2	0	1.5	1.5	1	4.5	4.5	5	3	6.5	7.5
23	5	4	1	1	5	3.5	.5	6	7	1	4.5	7.5
24	0	0	0	0	5	2	2	.5	2.5	4	7	4
25	6	4	2	3	2.5	2.5	1	1	5	5	8.5	9.5
26	4	1.5	3.5	4	3	3.5	4	2	2.5	6	9	9
27	2.5	4	4	3.5	3	1	3.5	3.5	3	4	7.5	8.5
28	5.5	.5	3	3	4	4	2	2	4	6	**15**	14
29	6	5	3	3.5	4	4	3	1	2.5	7	**13**	**13**
30	1.5	2.5	4.5	3	1	2	1	2	3	6	7	4.5
31	5.5	2.5	2	4	5	3	3	2.5	7	9.5	**16**	15
Mean	3.8	3.5	**3.2**	3.3	3.3	3.5	3.7	3.7	5.1	5.9	11.3	10.7

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	3	2	2	2	4	6	5	6	6	7	4	2	4.1	9 05
2	5	5	5	3	4	4	4	3	3	3	3	3	**3.8**	8 50
3	3	0	0	1	4	5	7	6	5	5	7	8	4.2	5 05
4	10	10	10	10	10	10	10	10	10	10	9	10	9.9	**0 00**
5	8	10	9	9	10	8	7	5	6	7	9	6	7.8	3 40
6	6	8	8	8	10	8	7	10	10	9	9	9	8.5	1 00
7	6	7	5	6	6	8	4	3	5	5	3	1	4.9	5 50
8	8	7	5	6	10	10	9	9	10	8	7	6	7.9	3 45
9	10	5	4	7	8	9	9	10	10	10	10	10	8.5	4 00
10	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0 00**
11	8	7	5	5	7	7	7	8	8	8	8	6	7	5 10
12	7	8	8	7	5	6	6	10	10	10	10	10	8.1	2 20
13	9	8	6	6	6	10	8	8	7	7	6	4	7.1	5 20
14	3	4	4	4	5	8	8	5	7	9	8	5	5.8	6 20
15	9	8	10	8	8	9	8	4	4	4	6	5	6.9	6 45
16	4	1	1	5	7	6	8	7	8	8	3	2	5	6 05
17	5	2	3	3	3	4	6	4	4	7	9	5	4.6	7 55
18	9	5	7	8	8	6	8	8	7	8	8	8	7.5	4 20
19	9	6	8	9	10	10	10	10	10	10	10	10	9.3	0 55
20	10	10	10	10	8	9	7	7	9	8	9	9	8.8	3 35
21	9	8	8	9	8	8	10	10	9	10	10	10	9.1	0 40
22	10	8	7	7	9	8	10	9	10	9	9	8	8.7	0 30
23	10	8	10	10	9	10	9	9	9	10	10	9	9.4	2 15
24	7	9	9	7	8	10	10	8	9	9	10	9	8.8	2 45
25	9	9	10	10	10	10	10	10	10	10	10	10	9.8	**0 00**
26	10	8	7	9	7	9	10	8	8	5	9	8	8.2	3 50
27	10	10	10	10	7	7	5	6	7	6	8	8	7.8	4 10
28	7	3	3	4	4	4	4	4	4	5	4	7	4.4	**9 15**
29	5	7	6	3	3	7	8	8	8	8	8	9	6.7	5 00
30	10	9	9	10	10	10	10	10	9	10	10	8	9.6	0 55
31	4	3	3	5	8	7	5	7	6	7	4	2	5.1	8 50
Total														128 10
Mean	7.5	6.6	**6.5**	6.8	7.3	**7.8**	7.7	7.5	7.7	**7.8**	7.7	7	7.3	4 08

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon–1 p.	1–2 p.	2–3 p.	3–4 p.	4–5 p.	5–6 p.	6–7 p.	7–8 p.	8–9 p.	9–10 p.	10–11 p.	11–mdt.	Mean.
14	10	8	8	6	5	10	7	5	4	3.5	3.5	5.5
13.5	9.5	10	10	12	12.5	8.5	7	12	4.5	3.5	0	7.1
5	8	**11**	9	9	6	2	0	1	2	3	3	4.2
7.5	5	**8.5**	2.5	6	3	3.5	4	4	4	2	1	4.3
12.5	**21.5**	**21.5**	18	12	11	11	11	8.5	5.5	4.5	5	9
16	**22**	18	11	13	9	7	6	6	4	3	2	6.7
11.5	11	12	5.5	3	6	7.5	6.5	7	4	5	3.5	6.1
9	8	**17**	**17**	14	7	7	2	3	1.5	4	3	6.4
14	12	11.5	11	12	12.5	11	9	7	6	10	9	8.4
23	**23**	20	19	13	8	6	10	9	10	12	12	12.1
24	23	22	19.5	11	7.5	5	4.5	5.5	7.5	2.5	5.5	**12.6**
13	**13**	8	4	2.5	4.5	7.5	6	5	2.5	1	6	5.8
11	12	**17**	12.5	12.5	6.5	7	5	7.5	4	3.5	4.5	6.9
10	10	9.5	7.5	3	3.5	10.5	6	4	2	2	2	5.5
10	11.5	6.5	12	**14**	11	6	3	3.5	5	1.5	.5	4.9
10.5	11.5	11.5	11	**13**	10	4.5	1.5	4	2.5	2	3.5	5.6
15	13	13	11.5	6.5	6	7	2.5	.5	0	.5	3	5.7
6	10	9.5	**15.5**	10.5	9	5.5	1	1.5	0	3.5	5.5	5.5
7	6	6	7	6	7.5	4.5	4.5	4.5	3	1	1.5	4.6
15	15	17	13	10	12	10	4	2.5	2.5	1	0	7.1
9	4.5	8.5	**10.5**	6.5	4	3	4	3	4	3.5	4.5	5.2
5.5	**9.5**	8	**9.5**	6.5	7	5.5	4	1.5	3	6	6	4.7
11	17	**19**	16	13	11	**2**	2	0	0	1	0	5.8
10	3.5	5.5	6.5	7.5	9	5.5	2.5	.5	.5	1.5	3.5	**3.5**
12	8	7	7	5	5.5	3.5	1	2.5	1.5	3	3	4.5
11	4.5	**14.5**	11	6	4.5	6.5	6	4	1.5	8.5	5	5.6
10	9	9.5	**11**	8.5	8	10	7	5	6	6	8	6.1
14	10	10.5	7	10.5	6	9	7	8	5	4	7	6.7
11	12	6.5	3.5	3	5	5	8	7	3	3	3.5	5.6
7.5	6	5.5	6.5	4	7	6	6	7	7	6	4	4.6
15	11	8	9	11	8	6	5	1	4	3	3	6.6
11.7	11.3	11.6	10.4	8.7	7.5	6.5	4.9	4.5	3.5	3.7	3.9	6.2

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	-----	-----	1	-----	2	1	4	-----	-----	1	-----	1	1	3	-----	-----	10	133	2.8	-----
2	1	-----	1	-----	-----	-----	2	-----	-----	-----	4	4	2	1	-----	-----	9	170	3	-----
3	-----	4	-----	-----	-----	-----	-----	-----	2	-----	1	-----	1	-----	-----	-----	16	101	1.9	9.7
4	3	3	3	-----	1	-----	-----	-----	-----	1	1	-----	3	-----	-----	-----	9	103	1.5	.1
5	5	-----	4	1	7	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	5	215.5	3.7	-----
6	4	-----	3	2	6	-----	-----	-----	-----	1	-----	-----	-----	-----	-----	1	7	161.5	3.3	-----
7	3	3	2	2	3	-----	-----	-----	-----	-----	2	1	-----	-----	1	3	4	146.5	2.4	-----
8	3	7	1	1	-----	-----	2	-----	-----	-----	-----	-----	-----	-----	2	1	7	153	3	.3
9	9	7	4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1	3	200.5	4.3	.5
10	8	9	4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2	1	290	3.7	.9
11	5	11	3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3	1	1	**301.5**	5	-----
12	1	3	-----	2	-----	-----	-----	-----	-----	-----	2	-----	1	-----	4	4	7	138.5	2.7	1
13	4	3	2	3	1	-----	-----	-----	-----	-----	-----	-----	1	-----	1	-----	9	166	3	-----
14	-----	3	1	-----	-----	-----	-----	-----	-----	-----	1	2	3	-----	-----	-----	14	132	2.4	.8
15	-----	-----	1	4	1	-----	-----	-----	-----	-----	3	1	1	-----	-----	-----	13	117.5	3.2	-----
16	-----	2	2	-----	-----	-----	-----	-----	-----	2	4	1	-----	1	-----	1	11	133.5	3.6	-----
17	2	2	-----	-----	-----	-----	-----	-----	-----	-----	4	2	1	-----	1	1	11	136.5	3.8	-----
18	3	7	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	1	-----	1	-----	11	132	3.7	-----
19	-----	1	1	1	-----	-----	1	-----	-----	1	1	-----	2	-----	3	-----	13	110	1.8	-----
20	6	5	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	11	170.5	3.4	-----
21	4	3	1	-----	-----	-----	1	-----	1	1	-----	-----	1	-----	-----	1	11	126	2.7	-----
22	-----	-----	-----	-----	-----	-----	1	-----	2	-----	2	2	4	-----	1	-----	12	113	2.6	-----
23	3	5	4	-----	-----	-----	-----	-----	-----	-----	2	-----	-----	-----	1	1	8	138	3.4	-----
24	1	1	3	1	-----	-----	-----	-----	-----	-----	1	-----	1	-----	-----	1	15	83	2	.8
25	-----	-----	-----	-----	-----	2	2	-----	3	-----	1	-----	-----	-----	-----	-----	16	109	1.2	1.4
26	-----	1	-----	1	2	1	1	-----	-----	-----	1	2	-----	1	-----	1	13	135	2.2	2.5
27	-----	1	1	2	4	-----	2	-----	-----	1	2	1	1	-----	2	-----	7	146	2.7	-----
28	1	-----	1	1	-----	-----	4	-----	-----	-----	2	1	4	1	-----	-----	9	161	3.9	-----
29	-----	1	-----	-----	1	-----	1	-----	-----	-----	1	1	4	1	1	-----	13	135.5	3.2	-----
30	1	-----	1	-----	1	4	-----	1	1	-----	3	-----	-----	-----	1	-----	11	110.5	2.7	-----
31	1	-----	1	-----	-----	2	-----	1	-----	1	3	-----	2	-----	1	1	11	159	3.7	-----
Total	68	82	48	21	29	12	21	2	9	9	41	19	34	8	23	20	298	4,628	92.5	18
Mean	2.2	2.6	1.5	0.7	0.9	0.4	0.7	0.1	0.3	0.3	1.3	0.6	1.1	0.3	0.7	0.6	**9.6**	149.3	3	0.6

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°C.		*Per cent.*	*mm.*	*mm.*		°C.		*Per cent.*	*mm.*
1	760.35	8.45a.	**32.3**	3.35p.	**98**	**22.7**	756.95	2.15p.	21.3	6.30a.	63	18.9
2	60.80	9.00a.	31.2	3.35p.	97	21.9	57.50	2.45p.	22.1	6.10a.	64	**19.1**
3	61.50	10.55p.	30.6	3.30p.	97	21.8	58.40	3.00p.	22.4	6.25a.	66	**19.1**
4	63.80	11.30p.	28	1.20p.	93	20.1	60.30	3.30a.	**22.5**	5.25a.	**70**	18.5
5	64.95	10.45p.	29.5	2.25p.	90	18.6	62.47	3.00p.	20.9	11.45p.	59	16.1
6	65.61	9.00a.	28.3	0.50p.	94	17.7	62.25	4.30p.	19.7	4.45a.	56	15.4
7	64.60	9.10a.	29.8	2.25p.	94	19.2	61.60	3.20p.	19.7	5.15a.	64	16.2
8	65.20	9.30a.	29.5	1.30p.	97	18.9	62.40	2.45p.	19.5	4.40a.	60	16.5
9	**65.95**	8.30a.	29.3	1.35p.	93	19.3	63	3.45p.	21.8	4.10a.	66	16.8
10	65.65	10.15a.	**26.7**	3.15p.	**83**	18.2	**63.10**	3.00p.	22.2	11.55p.	66	15.9
11	65.45	8.15a.	29.8	1.25p.	84	**16.4**	62.35	3.30p.	21	5.35a.	53	**14.8**
12	64	0.15a.	30.6	11.50a.	93	19.5	60.60	3.40p.	20.5	6.25a.	57	15.8
13	62.90	8.55a.	30.5	2.50p.	96	20	60	3.30p.	21.5	5.55a.	56.5	17.6
14	62.30	9.00a.	30.5	3.05p.	96	22.1	59.59	3.00p.	21.4	6.20a.	64	18.6
15	62.35	9.10a.	31.3	3.30p.	96	19.5	58.90	3.35p.	20.8	Midnight.	**48**	15.1
16	61.60	9.20a.	31.5	1.50p.	95	18.9	58.85	3.20p.	20.3	6.40a.	59	16.9
17	61.79	9.00a.	30.3	3.05p.	95	20.8	58.54	3.00p.	19.9	5.20a.	63	16.4
18	61.25	8.40a.	30.5	1.30p.	95	19.4	57.30	3.00p.	22	4.55a.	57	16.9
19	60.75	8.45a.	28.3	9.55a.	93	19.3	57.50	2.45p.	22	5.40a.	68	18.3
20	60.15	9.20a.	30.2	1.40p.	91	19.7	57.10	2.50p.	21.7	5.20a.	64	17.9
21	**59.95**	11.15p.	30.8	2.40p.	95	19.8	57.20	2.35p.	21.3	3.55a.	62	17.8
22	60.30	9.40a.	29.8	1.20p.	95	19.1	57.35	4.05p.	21.5	6.50a.	60	17.5
23	60.60	9.20a.	30.5	1.50p.	96	20	57.50	3.15p.	21.3	6.45a.	59	17.7
24	60.75	9.35a.	29.6	10.40a.	93	21.5	58.35	3.25p.	22.1	6.30a.	64	18.3
25	61.20	8.15p.	28	0.55p.	**98**	19.8	59.15	2.15p.	21.2	4.55a.	68	18.1
26	61.75	9.05a.	30	2.40p.	97	20.4	58.85	3.00p.	21.3	2.55a.	66	18.5
27	61.50	9.15a.	29.5	2.20p.	**98**	20.4	58.25	2.45p.	22.2	3.45a.	69	18.4
28	61.10	9.15a.	31.5	4.05p.	93	20.2	57.65	3.15p.	21.3	6.40a.	60	17.8
29	61.45	9.40p.	29.8	1.45p.	96	19.4	58.15	2.40p.	20.4	6.25a.	63	17.3
30	61.76	9.00a.	28.5	0.10p.	89	18.3	58.70	3.25p.	21.6	11.05p.	61	17.1
31	61.15	9.15a.	30.6	2.55p.	96	19.2	57.57	3.00p.	**19.4**	6.05a.	61.5	16.4
Mean	762.34	------	29.9	------	94.1	19.7	759.27	------	21.2	------	61.8	17.3

DAILY GENERAL REMARKS.

1---⊤ N quadrant 2.20 p. m.
2---◟ N quadrant in the evening.
3---p 12.25 p. m.
4---d in the evening.
5---Somewhat gusty Ely winds in the forenoon and afternoon.
6---Somewhat gusty E winds in the afternoon.
7---Convergence of Ci. toward SW in the morning.
8---Overcast.
9---d in the early morning and afternoon.
10---d in the morning.
11---Somewhat gusty NEly winds in the morning and afternoon.
12---d in the afternoon and at night.
13---d in the early morning.
14---d in the afternoon.
15---Cloudy weather.
16---Cloudy weather.
17---Do.
18---Overcast.
19---d° 12.20 p. m.
20---d° in the morning and afternoon.
21---Overcast.
22---Do.
23---Do.
24---d^2 in the afternoon.
25---d in the afternoon.
26---d in the afternoon and at night.
27---d^2 in the early morning; ⌒ 8.35 a. m.
28---Cloudy weather.
29---Do.
30---Overcast.
31---Cloudy weather.

OBSERVATIONS FOR FEBRUARY, 1917.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	59.90	59.55	59.25	59.30	59.35	59.63	59.97	60.45	**60.71**	60.68	60.62	59.50
2	59.85	59.35	59.15	58.95	58.90	59.40	59.76	60.21	60.60	60.78	60.34	59.91
3	60.80	60.30	60.10	59.90	59.65	60.08	60.69	61.20	61.64	61.61	61.49	60.77
4	61.35	61.15	60.80	60.80	60.90	61.25	61.64	62.20	**62.73**	62.63	62.27	61.53
5	62.05	61.75	61.40	61.40	61.50	61.96	62.41	62.84	**63.26**	63.23	62.85	62.48
6	62.55	62.35	62.05	61.80	61.85	62.26	62.54	62.93	63.39	63.41	63.12	62.74
7	63.05	62.65	62.20	62.15	62.15	62.46	62.75	63.06	**63.21**	63.15	62.75	62.10
8	62.40	62	61.55	61.40	61.50	61.71	62.09	62.49	62.60	**62.73**	62.20	61.48
9	61.65	61.45	61.20	61.20	61.25	61.60	62.05	62.43	**62.55**	62.48	62.07	61.32
10	61.40	61.25	61.05	61.10	61.35	61.61	62.11	62.50	**62.81**	**62.81**	62.30	61.59
11	61.90	61.80	61.65	61.70	61.75	62.06	62.31	62.61	**62.84**	62.67	62.17	61.30
12	61.95	61.65	61.45	61.50	61.65	61.96	62.56	63.09	**63.43**	63.23	62.72	62.18
13	62.40	62.15	61.90	61.80	61.85	61.96	62.36	62.63	62.87	62.84	62.34	61.52
14	62.70	62.45	62.25	62.15	62.25	62.37	62.61	63.01	**63.59**	63.21	62.90	62.24
15	62.75	62.55	62.10	61.80	62	62.20	62.75	63	**63.49**	63.09	62.68	61.82
16	61.90	61.60	61	60.95	61	61.35	61.69	61.89	62.29	**62.32**	61.67	60.92
17	60.55	59.90	59.65	59.25	59.45	60.04	60.28	61.04	**61.43**	61.34	60.95	60.17
18	58.90	58.35	58.15	58.10	58.20	58.70	59.21	59.71	**60.01**	59.99	59.48	58.67
19	58.10	57.65	57.10	57.20	57.35	57.83	58.48	58.91	59.17	59.24	58.86	58.23
20	59.05	58.65	58.55	**58.45**	58.55	59.06	59.66	60.35	60.60	60.82	60.44	59.95
21	61.20	61.10	60.70	60.75	60.90	61.20	61.71	62.03	**62.51**	62.39	62.14	61.80
22	61.75	61.60	61.45	61.40	61.50	61.76	62	62.58	**62.78**	62.75	62.10	61.57
23	61.65	61.20	60.85	60.85	60.95	61.17	61.51	61.69	**61.83**	61.81	61.26	60.54
24	59.75	59.30	59.10	59.05	59.35	59.68	60.15	60.73	**60.90**	60.73	60.29	59.70
25	59.10	59	58.90	58.85	58.85	59.09	59.67	59.85	60.14	**60.25**	59.74	59.08
26	59.10	58.95	58.60	58.50	58.80	58.91	59.16	59.42	**59.69**	59.43	58.85	58.28
27	58.60	58.05	57.80	57.85	58.10	58.38	58.88	59.25	**59.41**	59.21	58.64	57.83
28	57.55	57.20	57.10	57.15	57.30	57.94	58.51	59.06	**59.24**	**59.24**	58.83	58.35
Mean	60.85	60.53	60.25	60.19	60.29	60.63	61.05	61.47	**61.78**	61.72	61.27	60.63

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	22.5	22.5	22	22.5	21.8	**21.6**	21.7	23.7	26.3	27.1	26.9	27.4
2	22.5	22.1	21.7	21.1	**20.7**	21	21.3	24	26.1	26.3	27.5	26.7
3	22.5	22.1	21.9	21.9	22	**21.6**	22.1	25.3	25.6	26.3	25.6	**28.2**
4	21.9	21.9	21.3	21.5	21.3	**20.7**	21.7	24.7	25.4	26.6	26.5	**27.6**
5	22.8	22.2	21.5	21.4	21.5	21.5	22.2	24.1	25.8	26.4	27.2	**28.9**
6	21.4	20.3	20.1	19.8	**19.6**	**19.6**	20.9	23.6	26.7	27.1	27.2	26.3
7	22.6	22.5	22.5	22.3	22	**21.7**	22.1	23.8	26.9	27	27.8	28
8	22.5	22.1	21.6	21.2	**21.1**	21.8	22.2	23.6	25.2	26.5	28	29.4
9	24.8	24.7	24.7	24.6	24.3	23.9	24.2	25.1	26.5	27.4	28.7	30
10	23.2	22.9	22.8	22.9	22.7	22.6	22.8	24.4	25.7	26.5	27.8	30
11	22.1	22.1	22.2	22	21.8	21.9	22.3	24.8	26.2	25.8	27	28.5
12	21.5	20.8	**20.4**	20.9	21	20.7	21	22.5	**24.5**	26.9	28.4	27.7
13	23.7	23.1	22.6	22.6	22.5	**21.8**	22.5	24.4	25.8	28.3	28.6	**29.8**
14	22.7	22.2	22.2	21.4	21.5	**20.8**	21.3	24.2	26.6	27.7	27.8	29.1
15	22.7	22.1	22.1	**21.6**	21.7	21.7	22	24.9	25.4	26.3	26.1	27.7
16	23.4	23.3	23.2	22.5	**22.4**	22.7	22.5	25.2	27	26.2	28.5	29.5
17	24.4	24	23.5	22.8	**22.6**	22.7	22.9	25	26.9	27.6	29.8	29.3
18	23.2	23.1	23	**22.5**	22.6	**22.5**	22.9	25.8	26.9	28.5	28.6	27.7
19	22.5	22.3	**21.8**	**21.8**	21.9	22	22	22.9	24.8	26	27.4	28
20	23.4	23.1	22.9	22.1	21.9	**21.8**	22.2	24.4	26.4	26.2	26.4	28.6
21	22.8	22.7	22.9	22.6	22.3	22.8	23	24.6	25.8	26.4	**28.3**	27.2
22	20.7	**20.2**	**20.2**	20.8	20.5	20.7	20.8	22.9	26.6	28	29.2	27.2
23	20.7	20.2	19.6	19.6	**19.2**	**19.2**	19.7	22.6	25.8	26	26.7	27.7
24	21.3	20.4	20	19.3	18.8	**18.5**	20	22.7	25.8	26.5	27.6	28
25	22.2	21.2	21	20.8	20.8	**20.5**	21	24.7	27	27.1	28	29.2
26	22.3	22.1	21.3	21.1	**21**	**21**	21.4	25.2	27.9	27.3	27.7	28.9
27	23.4	21.9	21.1	21.3	**20.5**	20.7	20.9	25	27.1	28.5	28.5	28.8
28	22.8	22.5	22	21.9	21.9	**21**	21.4	24.2	27.7	28.7	27.8	28.7
Mean	22.6	22.2	21.9	21.7	21.5	**21.4**	21.8	24.2	26.2	27	27.7	28.4

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
58.80	58.09	**57.85**	57.94	58.38	58.74	59.26	60.05	60.40	60.45	60.30	60.10	59.53
59.09	58.39	**58.18**	58.46	58.68	59.01	59.66	60.40	61	**61.35**	61.20	61.15	59.74
60.02	59.41	**59.08**	59.19	59.61	59.96	60.52	60.95	61.40	**61.80**	61.75	61.70	60.57
60.99	60.38	**60.06**	60.11	60.50	60.93	61.50	62.25	62.45	62.55	62.45	62.35	61.49
61.63	60.75	60.22	**60.18**	60.68	61.39	62.04	62.65	63	63.25	63.05	63	62.04
61.82	61.12	**60.78**	60.89	61.37	61.79	62.75	63.50	63.80	**63.85**	63.75	63.15	**62.48**
61.49	60.62	**60.09**	60.12	60.39	60.87	61.29	61.85	62.30	62.75	62.85	62.60	62.04
60.87	59.98	59.43	**59.19**	59.41	59.78	60.54	61.10	61.65	62	62.15	61.95	61.34
60.49	59.77	59.14	**59.04**	59.41	59.93	60.45	61.20	61.55	61.85	61.85	61.70	61.15
60.89	60.09	**59.67**	**59.67**	60.31	60.69	61.19	61.70	62.20	62.30	62.20	62.10	61.45
60.48	59.91	59.90	**59.69**	60.02	60.63	61.40	61.55	62	62.15	62.30	62.25	61.54
61.42	60.71	60.34	**60.31**	60.58	60.96	61.61	62.10	62.55	62.85	62.90	62.80	61.94
60.81	60.38	**60.08**	60.47	60.97	61.50	62.07	62.65	63.05	**63.15**	63.10	63.10	62
61.65	61.12	**60.68**	60.69	60.82	61.20	62.04	62.65	63.30	63.35	63.25	63.10	62.32
61.58	60.62	60.27	**60.22**	60.69	61.07	61.68	62.20	62.50	62.45	62.35	62.10	62
60.04	59.06	**58.54**	58.63	58.82	59.29	59.93	60.25	60.75	60.95	60.90	60.85	60.69
58.87	57.96	57.67	**57.53**	57.82	58.29	58.83	59.15	59.60	59.65	59.60	59.45	59.52
57.80	57.27	56.73	**56.57**	56.68	57.09	57.60	58.50	58.85	58.90	58.85	58.45	58.36
57.30	56.47	**55.98**	56.24	56.97	57.64	58.25	58.75	59.20	**59.40**	**59.40**	59.30	58.04
59.44	58.83	58.75	59.10	59.41	59.94	60.31	60.70	61	61.30	**61.55**	61.40	59.83
61.34	60.87	**60.48**	**60.48**	60.64	60.84	61.10	61.75	62	62.20	62.25	62.35	61.45
60.89	60.30	59.94	**59.80**	60.09	60.40	60.95	61.45	61.75	62.05	62.05	61.80	61.45
59.85	59.09	**58.37**	58.39	58.74	59.14	59.71	60	60.35	60.45	60.30	60.05	60.41
59.06	58.44	57.84	**57.73**	57.77	58.08	58.60	59.20	59.50	59.70	59.70	59.50	59.33
58.43	57.67	57.36	**57.27**	57.59	57.96	58.50	58.95	59.30	59.55	59.45	59.25	58.91
57.69	56.94	**56.38**	56.47	56.69	56.97	57.58	58.05	58.65	58.95	58.95	58.75	58.32
56.82	56.27	55.95	**55.73**	55.99	56.53	56.92	57.20	57.50	58	57.90	57.90	**57.70**
57.73	57.09	56.71	**56.48**	56.55	56.71	57.37	57.85	58.40	58.80	58.85	58.80	57.87
59.90	59.20	**58.80**	58.81	59.13	59.55	60.13	60.66	61.07	61.29	61.26	61.11	60.48

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
27.4	27.8	**28.3**	27	26.3	25.4	24.4	24.1	23.6	23.2	22.4	22.2	24.5
27	**27.6**	26.9	26.3	25.3	25	24.2	23.8	23.4	23.2	23	22.4	24.1
27.2	27.2	27.4	27.2	26.2	25	24.2	23.9	23.7	23.4	22.8	22.6	24.4
26.6	26.8	27.1	26.2	26	24.9	23.9	23	22.9	22.8	22.9	22.7	**24**
28.1	28.2	28.4	28.7	26.8	25.8	24.6	23.5	22.6	22.9	22	**21.1**	24.5
28.6	27.2	28.5	28.3	27.2	25.6	24.9	23.2	22.8	22.8	22.8	22.7	**24**
28.4	**31.7**	31.6	31	29	26.3	24.9	24.1	23.9	23.7	23.1	23.1	25.4
29.5	29.7	30.4	**30.7**	30.6	27.9	26.3	25.7	25.2	25	24.9	24.6	25.7
29	**30.5**	30.3	28.5	27.5	25.3	25.1	25	24.6	24.2	24.1	**23.8**	**26.1**
30.4	**30.8**	29	29.2	27.5	25	23.8	23.1	22.7	22.3	21.9	**21.6**	25.1
28.3	28.2	27.3	**28.7**	27.4	25.3	24.2	23.2	22.7	22	21.7	**21.3**	24.5
27.8	**29**	28.2	**29**	28.3	26.7	25.9	25.2	25.3	24.9	24.3	24.2	24.8
29.7	28.8	28.7	29	27.7	25.8	24.6	23.4	23.8	23.6	23.9	23.2	25.3
28.2	29.3	**29.6**	28.2	26.2	25.1	23.9	23.8	23.6	23.2	23.1	22.8	24.8
27.3	**30.1**	29.5	27.8	27	26.1	25.2	24.8	24.2	24.1	23.4	23.4	24.9
31	**31.2**	**31.2**	30.7	29.2	27	25.7	25.3	25.2	24.7	24.6	24.8	**26.1**
29.8	**30.2**	29	30	29.2	27.2	26.4	25.3	24.7	24.5	24.4	23.3	**26.1**
28.7	**29.2**	28.5	29.1	28.1	27.1	26.6	24.3	24.2	23.8	23.3	22.8	25.5
28.5	29.3	29.4	**30.4**	27.4	26.4	25	24.8	24.8	24.6	24.3	23.9	25.1
28.4	**29**	27.5	26.9	26	25.1	24.9	24.3	23.7	23.1	22.9	22.8	24.8
26.8	27.3	28	27.6	26.5	25.3	24.1	23.4	22.5	21.8	21.2	**20.7**	24.4
27.4	29	29.6	**30**	27.7	26.2	24.4	24.2	23.6	23.3	22.7	21.4	24.5
28.3	29.6	30.3	**31**	28.4	26.3	25.1	24.1	23.2	22.6	22.5	21.6	24.2
28.6	29.5	**31.2**	30.5	28.6	26.8	25.3	24.5	23.3	22.9	23	22.5	24.4
28.4	30.7	**32.1**	31.6	29.9	27.2	25.8	24.7	23.9	23.7	23.2	23.1	25.3
29.1	29.5	**31.7**	30.7	29.8	27.4	26.3	25.6	24.7	25	24.8	24.2	25.7
31.5	**32.3**	31.1	30.8	29.3	27.3	26.1	25	24.6	24.1	23.5	22.3	25.6
29.3	30.9	32	**32.4**	31.2	28.6	26.7	26.1	25.1	24.3	24	22.9	26
28.5	29.3	**29.4**	29.2	27.9	26.2	25.1	24.3	23.9	23.6	23.2	22.8	25

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	89	87	90	86	**91**	**91**	**91**	81	67.5	65	65	64
2	89	90	91	94	**96**	95	95	80	69	67	66	69
3	89	92	92	92	92	**93**	**93**	75	75	71	75	**65**
4	91	91	93	93	93	**95**	92	78	77	74	73	**66**
5	88	89	**93**	92	92	92	88	78	69	68	64	59
6	85	92	93	94	**95**	94	86	76	66	67	64	68
7	92	93	91	92	93	**94**	93	85.5	72	73	66	68
8	94	96	**97**	95	95	91	89	85	79	75	71	66
9	83	85	85	85	86.5	**89**	85	76	66.5	63.5	60	**56**
10	81	82	82	79	81	78	78	70	64	62	59	49.5
11	83	84	81	83	85	83	82	72	64	67	63	58
12	85	89	**91**	86	83	84	83	78	72	66	**63**	67
13	82	85	85	86	85	**89**	86	77	71	62	57	52
14	69.5	71	69	73	73	**77**	76	66	57	52	53.5	50
15	76	80	78	83	83	83	82	68	66	60.5	65	61
16	83	83	84	**88**	86	85	**88**	76	68	74	66	61
17	81	82	85	89	91	89	88	81	75	73	66	68
18	90	90	90	93	91	92	90	77	73	68	**63**	72
19	95	96	**98**	97	96	93	95	91	83	78.5	73	70
20	91	90	91	**96**	95	95	**96**	87	77	78	76	60.5
21	85	85	83	86	89	84	83.5	71.5	63	59	58	60
22	91	**94**	**94**	91	93	91	91	79	63	60	56	62
23	84	87	90	91	91	**92**	90	77	67	64	**59**	58
24	83	88	87	89	90	**91**	84	74	67	66	58	56
25	86	88	89	90	89	**91**	90	75	63	67	63	57
26	89	88	92	92	**93**	**93**	**93**	75	68	72	70	66
27	85	91	93	89	**94**	**94**	**94**	76	67	62.5	64	65
28	83	85	88	87.5	87.5	**91**	90	78	67	63	69	65
Mean	85.8	87.6	88.4	89	89.6	**89.7**	88.3	77.2	69.1	67.1	64.5	62.1

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	18.1	17.6	17.7	17.4	17.7	17.4	17.5	17.5	**17.2**	17.3	**17.2**	17.4
2	17.9	**16.7**	17.5	17.4	17.5	17.6	18	17.7	17.5	17	18.1	18
3	18.1	18.2	17.9	17.9	18	17.8	18.3	18	18.2	18.1	18.2	18.4
4	17.8	17.8	17.4	17.7	17.4	**17.3**	17.7	18	18.7	19.1	18.7	18.1
5	**18.1**	17.8	17.7	17.4	17.5	17.5	17.6	17.5	17.1	17.3	17.2	17.6
6	16.2	16.4	16.3	16.2	16.1	16	**15.9**	16.4	17.1	17.8	17.2	17.4
7	18.7	18.8	18.4	18.4	18.2	**18.1**	18.3	18.7	18.9	**19.3**	18.3	19.1
8	19	19.1	18.6	17.7	**17.6**	17.7	17.8	18.5	18.8	19.3	19.9	**20**
9	19.4	19.6	19.6	19.5	19.5	19.6	19	18.1	**17.1**	17.2	17.5	17.7
10	**17.1**	17	16.9	16.5	16.6	15.8	16	15.9	15.8	16	16.5	15.6
11	16.5	16.6	16.2	16.3	16.5	16.2	16.5	16.7	16.2	16.6	16.7	16.8
12	16.1	16.2	16.2	15.9	15.5	**15.3**	15.5	15.9	16.5	17.4	18.1	18.5
13	**17.9**	**17.9**	17.3	17.5	17.2	17.3	17.4	17.5	17.5	17.6	16.5	16.3
14	14.2	14.1	**13.7**	13.9	13.9	14.1	14.3	14.8	14.7	14.4	14.8	14.9
15	15.6	15.8	**15.4**	15.9	16	16	16.2	15.9	16	**15.4**	16.4	16.9
16	17.7	17.6	17.7	17.7	**17.3**	17.5	17.7	18.1	18.1	18.7	**19.2**	18.8
17	18.3	**18.2**	**18.2**	18.5	18.6	18.4	**18.2**	19.1	19.6	20	**20.6**	20.5
18	19.1	18.8	18.7	18.8	18.6	18.6	18.7	19	19.2	19.6	**18.4**	19.9
19	19.2	19.1	19.1	18.9	18.8	18.8	18.6	18.9	19.4	19.6	19.7	19.7
20	19.5	18.8	18.9	18.9	18.5	18.4	19.2	**19.7**	**19.7**	**19.7**	19.3	17.6
21	17.6	17.5	17.3	17.5	**17.9**	17.4	17.4	16.4	15.5	**15**	16.5	16.1
22	16.5	16.6	16.6	16.6	16.8	16.6	16.6	16.5	16.3	**16.9**	**16.9**	16.6
23	15.3	15.3	15.3	15.5	15.1	15.3	15.4	15.6	16.4	15.9	15.3	16
24	15.6	15.7	15.1	14.9	14.6	**14.4**	14.6	15.2	16.4	16.9	16	15.8
25	17.1	16.5	16.5	16.4	**16.2**	16.3	16.6	17.3	16.7	17.8	17.8	17.2
26	17.9	17.5	17.3	**17.1**	**17.1**	**17.1**	17.6	17.9	19	19.4	19.5	19.6
27	18.1	17.8	17.2	**16.8**	16.9	17	17.2	18	17.8	18	18.6	19.2
28	17.2	17.2	17.2	17.1	17.1	**16.8**	17	17.6	18.4	18.3	19.2	19.1
Mean	17.5	17.4	17.2	17.2	17.1	**17**	17.2	17.4	17.5	17.7	17.8	17.8

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
64	67	61	68	69	74	79	81	84	85	89	90	78.3
68	65	71	74	75	76	82	85.5	87	86	86	90	81.1
69	70	69	68	71	76	79	81	81	84	87	89	80.3
69	70	68	75	76	83	86	90	89	89	89	89	82.9
61	61	60	57	64	69	74	80	85	80	85	90	76.6
59	68	61	62	65	75	79	90	91	91	91	91	79.3
66	53	54	55	64	76	83	86	87	88	91	91	79.4
65	63	60	59	55	67.5	75	78	82	84	83	85	78.7
64	60	62	72	76	81	81	81	76	78	79	80	75.4
46.5	47	55	53.5	60	70	76	79.5	82	83	86	87	70.5
59	58	66	57.5	59	69	72	78	80	82	85	87	73.2
67	63.5	69	64	70	75	78	80	76	78	81	82	76.3
50	52	52.5	55	55	67	71.5	75.5	71	70	67	68	69.6
53	48	47	51	58.5	58	70	69	72.5	71	73	74	63.8
65	54	56	63	68	74	77	78	83	81	84	83	73
57	56	55	53	60	70	77	77	77	81	81	79	73.5
65	62	68	64	63	73	77	83	85	85	86	92	78
69	67	70.5	64	68	73	77	89	90	92	92	94	80.6
69	64	63	60	67	73	82	83	83	83	85	87	82
65	58	58	60	67	72	69	73	75	81	84	85	78.3
62	60	56	56	59.5	66	75	74	80	84	87	91	73.2
61	56	50	49.5	56	61	68	67	71	70	74	81	72.1
57	57	49	45	55	63	66	70	73	77	76	82	71.7
57	52	49.5	51	58	64.5	72	75	79	81	81	84	72.4
59	53	47	48	53	65	72	76	82	81	85	84	73
68	65	56	58	59	70	75	77	82	78	79	82	76.7
54	53	58	59	64	70	73	79	79	82	85	88	75.8
64	56	50	46.5	51	62	71	72	76	78	81	86	72.8
61.9	59.2	58.6	58.9	63.1	70.5	75.6	78.8	80.7	81.5	83.3	85.4	75.7

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
17.4	18.5	17.4	18.1	17.5	17.9	18	18	18.1	18	18	17.9	17.7
18.1	17.8	18.6	18.9	18	18	18.3	18.7	18.6	18.2	18	18.2	17.9
18.5	18.7	18.7	18.3	18	17.8	17.8	17.8	17.7	17.9	17.9	18	18.1
17.9	18.3	18.2	18.9	19	19.5	18.9	18.8	18.4	18.5	18.4	18.2	18.3
17.4	17.3	17.2	16.6	16.7	17	17	17.3	17.3	16.6	16.7	16.7	17.3
17.2	18.3	17.7	17.6	17.4	18.2	18.6	18.9	18.8	18.8	18.8	18.7	17.4
19.1	18.4	18.7	18.3	19.1	19.2	19.3	19.1	19.2	19.1	19.1	19.1	18.8
20	19.6	19.4	19.4	17.9	18.8	19	19.2	19.5	19.8	19.3	19.5	19
19.1	19.5	19.9	20.8	20.6	19.5	19.2	19.1	17.5	17.6	17.7	17.5	18.8
15	15.5	16.2	16.1	16.3	16.6	16.6	16.7	16.8	16.7	16.7	16.8	16.3
16.9	16.4	17.9	16.8	16	16.6	16.2	16.5	16.4	16.2	16.4	16.4	16.5
18.5	18.9	19.6	19.1	19.9	19.5	19.3	19	18.2	18.2	18.2	18.3	17.7
15.4	15.3	15.3	16.2	15.1	16.4	16.4	16.2	15.6	15.2	14.8	14.4	16.4
15.1	14.6	14.4	14.4	14.8	13.8	15.5	15.1	15.7	15.1	15.3	15.3	14.6
17.5	17.3	17	17.6	18.1	18.6	18.4	18.1	18.7	18	17.9	17.7	16.9
19	18.9	18.7	17.4	18.2	18.6	18.9	18.5	18.4	18.7	18.6	18.5	18.3
20.3	19.7	20.3	20.1	19	19.6	19.8	19.8	19.6	19.4	19.4	19.6	19.4
20.1	20.2	20.4	19	19.3	19.5	19.8	20.1	20.2	20.2	19.6	19.3	19.4
20	19.3	19.2	19.4	18.2	18.8	19.3	19.2	19.4	19.2	19.1	19.2	19.2
18.7	17.4	15.9	15.7	16.6	17	16.1	16.5	16.3	17	17.5	17.6	17.9
16.3	16.2	15.8	15.5	15.3	15.7	16.8	15.8	16.2	16.3	16.3	16.5	16.4
16.5	16.6	15.3	15.6	15.4	15.5	15.5	15	15.3	14.9	15.2	15.4	16.1
16.3	17.6	15.8	15	15.7	16.1	15.6	15.6	15.4	15.6	15.4	15.7	15.7
16.7	15.9	16.7	16.6	16.9	16.9	17.3	17.1	16.7	16.8	16.9	17.1	16.1
17	17.4	16.6	16.7	16.6	17.4	17.7	17.6	18.1	17.7	18	17.7	17.1
20.2	20	19.6	19	18.4	19.1	19	18.7	18.9	18.3	18.5	18.3	18.5
18.7	19	19.5	19.3	19.3	18.8	18.4	18.5	18.2	18.4	18.2	17.7	18.2
19.3	18.7	17.8	16.8	17.4	18	18.6	18	18.1	17.7	18.1	17.8	17.9
17.9	17.9	17.8	17.6	17.5	17.8	17.9	17.8	17.8	17.6	17.6	17.6	17.6

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	A.-Cu.	Cu.	A.-Cu.	Cu. ENE	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE	A.-Cu.	Cu. ENE
2	A.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE	----------	Cu. ENE	A.-Cu.	Cu. ENE
3	A.-Cu. SW	Cu.	Ci. ESE	Cu. E	Ci. ESE	Cu. E	Ci.-S.	N.-cf. E	Ci.-S.	Cu. E
4	----------	S.-Cu. ESE	----------	S.-Cu. ESE	----------	N.-cf. EbyN	----------	N.-cf. EbyN	----------	N.-cf. EbyN
5	A.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE	A.-Cu.	Cu.-N. ENE	Ci.-S.	Cu. ENE	A.-Cu.	Cu. ENE
6	----------	Cu. ENE	----------	Cu.	----------	Cu. ENE	----------	N.-cf. ENE	----------	N.-cf. ENE
7	A.-Cu.	Cu.	Ci.	Cu.	----------	Cu. SE	----------	Cu. SE	----------	Cu.
8	A.-Cu. SE	Cu.	A.-Cu. SE	Cu.	A.-Cu. SE	Cu.	A.-Cu.	Cu. ENE	----------	Cu.
9	A.-Cu. NW	S.-Cu.	A.-Cu.	Cu. NW	A.-Cu.	Cu.	A.-Cu. NW	Cu.	A.-Cu.	Cu. N
10	A.-Cu.	Cu.	A.-Cu.	Cu.	Ci.	Cu.	Ci.	Cu.	A.-Cu.	Cu.
11	Ci.	Cu. ENE	Ci.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE	----------	Cu. ENE
12	----------	Cu. E	A.-Cu.	Cu. E	----------	Cu. E	Ci.	Cu. ENE	----------	Cu. ENE
13	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE
14	----------	Cu.	----------	Cu.	----------	Cu. ENE	----------	Cu. E	----------	Cu. E
15	A.-Cu. S	S.-Cu.	A.-Cu. S	Cu. ENE	Ci.-S.	Cu.	A.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE
16	----------	Cu.	----------	Cu.	Ci.-S.	Cu.	A.-Cu. SW	Cu.	A.-Cu. SW	Cu.
17	Ci.-S.	Cu.	Ci.-S.	Cu.	----------	Cu. E	----------	Cu. E	A.-Cu.	Cu. E
18	A.-Cu. W	Cu.	A.-Cu.	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. SE
19	A.-cu. swbyS	Cu.	A.-cu. swbys	Cu.	A.-cu. swbyS	Cu.	A.-Cu.	Cu.	----------	Cu.
20	----------	N.-cf. NE	----------	Cu. NE	----------	N.-cf. ENE	----------	Cu.-N. ENE	A.-Cu. NNE	Cu. ENE
21	A.-Cu. WSW	Cu.	A.-Cu.	Cu. ENE	A.-Cu. WSW	Cu. ENE	A.-Cu.	Cu. ENE	A.-Cu.	Cu.
22	A.-Cu. W	S.-Cu.	----------	S.-Cu.	A.-Cu.	Cu.	----------	Cu. E	----------	N.-cf. E
23	----------	Cu.	----------	Cu.	----------	Cu.	----------	Fr.-Cu.	----------	Cu.
24	----------	----------	----------	----------	----------	----------	----------	Cu.	----------	Cu.
25	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	----------	Cu.	----------	Cu.
26	----------	Cu.	----------	Cu.	----------	Cu. ENE	----------	Cu. ENE	----------	Cu. ENE
27	Ci.	----------	Ci.	----------	Ci.	Cu.	Ci.	Cu. E	----------	Cu. E
28	Ci.-S.	Cu.	Ci.-S.	Cu. ESE	----------	Cu. SE	----------	Cu. SE	----------	Cu. ESE

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	A.-Cu.	Cu. ENE	----------	Cu. ENE	----------	Cu. ENE	----------	S.-Cu. ENE	----------	S.-Cu. NE
2	A.-Cu.	Cu. ENE	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N. E	----------	S.-Cu. E
3	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu.-N. E	----------	Cu.-N. E	----------	S.-Cu. E
4	----------	Cu.-N. E	----------	Cu.-N. E	Ci.-S.	Cu.-N. E	----------	Cu.-N. E	A.-Cu.	S.-Cu.
5	A.-Cu.	Cu. ENE	----------	Cu.-N. EbyN	----------	Cu. ENE	----------	Cu. ENE	----------	Cu. ENE
6	A.-Cu.	Cu. E	----------	Cu. E	----------	Cu. ENE	Ci.-S.	Cu. ENE	----------	N.-cf. ENE
7	----------	Cu.	----------	Cu. ESE	----------	Cu.	----------	Cu.	----------	Cu.
8	----------	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
9	A.-Cu.	Cu. N	----------	Cu.	----------	Cu. NNE	----------	Cu. NNE	----------	Cu.-N. E
10	----------	Cu.	----------	Fr.-Cu. E	----------	Cu. ENE	----------	Cu. ENE	----------	Cu.
11	----------	Cu. ENE	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E
12	----------	Cu. ENE	Ci.-S.	Cu.-N. ENE	A.-Cu.	Cu. ENE	----------	Cu. ENE	A.-Cu.	Cu.
13	Ci.	Cu.	----------	Cu. EbyN	----------	Cu. EbyN	----------	Cu. E	----------	Cu.
14	----------	Cu. E	----------	Cu. E	A.-Cu. S	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.
15	A.-Cu.	Cu. ENE	----------	Cu. ENE	----------	Cu. ENE	----------	Cu.-N. E	----------	S.-Cu. E
16	Ci.-Cu.	Cu. E	----------	Cu. E	----------	Cu.	----------	Cu.	----------	Cu.
17	A.-Cu. SW	Cu.	Ci.-S.	Cu.	Ci.-Cu.	Cu. E	A.-Cu.	Cu. E	Ci.-S.	Cu.
18	----------	Cu. SE	A.-Cu. W	Cu. SE	A.-Cu. W	Cu. ESE	A.-Cu. W	Cu.	Ci.	Cu.
19	----------	Cu.	----------	Cu. E	----------	Cu.	----------	Cu.-N. SE	A.-Cu.	Cu.-N. SE
20	----------	Cu.-N. ENE	A.-Cu.	Cu.-N. ENE	A.-Cu.	Cu.-N. ENE	A.-Cu.	N.-cf. ENE	A.-Cu.	S.-Cu.
21	A.-Cu.	Cu. ENE	----------	N.-cf. ENE	A.-Cu.	Cu. ENE	A.-Cu.	Cu. E	A.-Cu. SW	Cu. E
22	----------	Cu. ENE	----------	Cu. ENE	----------	Cu. ENE	----------	Cu.	----------	Cu.
23	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
24	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
25	----------	Cu. E	----------	Cu. E	----------	Fr.-Cu.	----------	Cu.	----------	Cu.
26	----------	Cu. E	----------	Cu. ENE	----------	Cu. ENE	----------	Cu. ENE	----------	Cu.
27	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu.	----------	Cu.
28	----------	Cu.	----------	Cu. E	----------	Cu.	----------	Cu.	----------	Cu.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	Calm	Calm	NNE 1	N 1.5	Calm	Calm	Calm	Calm	Calm	SW 1.5	WSW 2.5	WSW 3
2	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NNE 1.5	Calm	W 3	WSW 3.5	SW 1.5
3	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	W 1	WSW 1	W 1	SW 1
4	E 1	NE 1	Calm	Calm	Calm	Calm	Calm	Calm	WNW 1	W 2.5	WSW 2	W 2
5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NNW 1	N .5	Calm	Calm
6	NNW 1	Calm	Calm	Calm	Calm	Calm	Calm	NW .5	NW .5	W .5	Calm	SW 1
7	Calm	Calm	Calm	NNE 1.5	NNE 1	NNE 2	NNW 0.5	Calm	Calm	S 2.5	ENE 2	WSW 4
8	Calm	Calm	NE 2	Calm	NE 2	Calm	Calm	Calm	Calm	SW .5	W 1.5	WSW 2
9	NNE 1.5	NNE 1.5	N 2	N 2.5	N 3.5	NNE 1.5	NNE 3	NNE 3	NNW 8.5	N 2.5	NNW 3	NNW 6
10	N 2.5	NNE 1.5	NNE 2	NNE 1	NE 1	Calm	Calm	Calm	WSW 2	WSW 3	W 2.5	NE 3.5
11	Calm	Calm	Calm	Calm –	Calm	Calm	Calm	NNE 2.5	S 1.5	SW 2.5	WSW 3	WNW 3.5
12	NNW 1	Calm	Calm	Calm	NNW 2	NNW 3.5	NNE 1	NNE 1	NNW 1	NW 1	W 2.5	SW 2.5
13	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NNW 1.5	ESE 3
14	NNW 2.5	NNW 1.5	N 1.5	N .5	N 1	NNW 1	NNW 2.5	NNW 2.5	NW 1	N 3	E 2	W 2.5
15	Calm	NNW 1	NNW 1.5	NNW 1	Calm	Calm	Calm	Calm	WNW 1.5	WNW 4	W 4	SW 1.5
16	Calm	Calm	Calm	Calm	NNW 1.5	Calm	Calm	Calm	Calm	SW .5	SSW 1	ESE 3.5
17	NNW 2	NNW 2.5	NNW 1	Calm	Calm	Calm	NNW 1.5	NNW 6.5	NNE .5	NE 1.5	NW 5.5	WSW 3.5
18	Calm	NNE 1.5	Calm	Calm	Calm	Calm	Calm	Calm	E 1.5	ENE 2.5	E 3.5	Calm
19	Calm	Calm	Calm	Calm	Calm	NNE 1	Calm	NE .5	N .5	Calm	W 1	SW 1
20	Calm	NNW 1.5	N 1	ENE 1.5	ENE .5	Calm	Calm	Calm	E .5	WNW .5	WSW 2.5	NE 1.5
21	Calm	ENE 1	W 1.5	Calm	Calm	Calm	Calm	NW 1.5	WNW 1	SW 1.5	SW 2	SW 3
22	Calm	Calm	Calm	NNW 1	Calm	N by W 1.5	Calm	NE .5	NNW 1	Calm	NW 3.5	W by N 2
23	Calm	Calm	Calm	Calm	Calm	Calm	NNE 1	N .5	NW .5	WSW 1.5	WSW 1.5	WSW 3
24	E 1.5	ENE .5	Calm	Calm	ENE 1	Calm	Calm	N by W 1	Calm	WSW 3.5	W 3	W 2
25	Calm	Calm	Calm	NE 1	Calm	Calm	Calm	Calm	ESE 1	WSW 2.5	WSW 4	W 4.5
26	Calm	NNE 1	NNE .5	Calm	NE .5	Calm	Calm	Calm	Calm	WSW 3.5	W 2	W 2.5
27	ESE 1	Calm	Calm	ESE 1	Calm	Calm	Calm	Calm	SW 1.5	SW 1.5	WSW 2.5	SSW .5
28	Calm	N 1	N 1	N .5	Calm	Calm	Calm	Calm	Calm	NNW 2	WNW 6	NNW 1
Mean	0.5	0.6	0.5	0.5	0.5	0.4	0.3	0.8	1	1.8	2.5	2.3

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	WSW 2	SW 1	SW 1	SW 1.5	NW 0.5	NW 1	Calm	Calm	Calm	Calm	Calm	Calm	0.7
2	WSW 3.5	WSW 1	SW 1	Calm	ESE 1	E 1	Calm	Calm	Calm	Calm	Calm	Calm	.7
3	W 2.5	WSW 2	WNW .5	E 3	ESE 2	SE 1.5	ESE 2	ESE 3.5	ESE 2.5	ESE 2.5	ESE 2.5	ENE 1	1.2
4	W 1	W 1.5	WNW 2.5	SW 1	W 1	Calm	Calm	Calm	Calm	Calm	ENE 1.5	Calm	.8
5	NNE 1	NNE 1.5	NNE 2	N 3	N 3.5	N 1	N .5	Calm	Calm	WNW 1.5	NNW 1.5	Calm	.7
6	W 4	WSW .5	ENE 6	ENE 2	ENE 2	ENE 2.5	Calm	ESE 1.5	Calm	Calm	Calm	Calm	.9
7	WNW 4	SE 2.5	ESE 2.5	ESE 2	SE 3	SE 2	ESE 1.5	ESE 2	SE 2.5	ESE 2	ESE 2	Calm	1.6
8	WNW 2.5	WNW 3	WNW 1	Calm	Calm	Calm	ESE 3	SE 2	Calm	Calm	Calm	NE 1.5	.9
9	Calm	SW 2.5	SW 3.5	SW 2.5	SW 2	E 1	NE 1	Calm	N 2.5	N 2	NNE 1.5	N 1	2.4
10	E 5.5	E 3	ENE 3.5	E 4.5	ESE 5	E by S 4.5	ESE 1	E 1.5	E 1	E 1	Calm	Calm	2.1
11	NW 5.5	NW 3	SW 1	SE 3.5	E 6.5	NE 1	E 1.5	ESE 2	Calm	Calm	Calm	Calm	1.5
12	SW 3	SW 3.5	SW 1	SSW 1	SSW 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	1
13	NE 4	NE 4.5	ENE 1.5	NE 1	NNE 5.5	ENE 1	Calm	Calm	NNW 1.5	NNW 2	NNW 2	NNW 1.5	1.2
14	NNE .5	ESE 5	NE 6	NE 6.5	ENE 3	NNE 2	Calm	NNW 1	Calm	NNW 1.5	Calm	Calm	2
15	S 1.5	E 4	E 2.5	NW 1	S 1	Calm	Calm	SSE 1.5	Calm	Calm	Calm	Calm	1.1
16	SE 3.5	SE 9	SE 4.5	SE 2.5	ESE 2.5	SE 2.5	SE 2.5	SE 2.5	SE 1.5	SE 1.5	NNE 1.5	NNE 1	1.7
17	SW 2	SW 3	NE 5	ENE 2	SE 4	SE 2.5	Calm	Calm	Calm	Calm	Calm	Calm	1.8
18	W 3.5	NW 8	NNW 4	NNW 5	NNW 2	NNW 1	Calm	S 2.5	Calm	Calm	NNW 1.5	Calm	1.5
19	SW 1	WSW 2.5	SW 2.5	SW 3.5	N by S 1.5	Calm	ENE 1	Calm	Calm	NNW 1.5	NNW 1.5	N 1	.8
20	SW 1	SW 3	NNE 8	NNE 3	NE 2	Calm	NE 1	E 1	E 1.5	Calm	Calm	Calm	1.2
21	W 1	NNW 5	E 4.5	E 5.5	E 2	E 3	Calm	E 1.5	Calm	Calm	Calm	Calm	1.4
22	WSW 2.5	SW 1.5	ENE 4	ENE .5	Calm	ENE 1	ESE 2	ESE 2.5	ESE 1.5	ESE 1.5	E 1.5	Calm	1.2
23	W 2	WSW 4.5	SE 6	NE 6.5	ENE 4	E 2	ENE 2	ENE 2.5	E 1	E 1.5	E 2	E 1	1.8
24	WSW 4.5	W 3.5	SE 4.5	SE 6	SE 4	SE 3.5	SE 1	E 1	Calm	E 1	SE 1	ESE 1.5	1.8
25	WSW 3.5	NW 1	ENE 3	NE 4	E 6	NE 1	E 1.5	E 2	Calm	ESE 2	E 1.5	ESE 1.5	1.7
26	WSW 2	SE .5	SE 5	SE 8.5	SE 6.5	ESE 6	ESE 3	NE 2	E 1.5	ESE 3	ESE 3	ESE 3	2.2
27	SE 5	ESE 3	SE 6.5	ESE 9	ESE 3	ESE 3	ESE 3	ESE 2.5	ESE 3	ESE 2	NE 1.5	NE 1.5	2.1
28	NW 1	N 1.5	SW 2	E 5.5	ESE 3	ESE 2	NE 1	E 2	E 1	ESE 1.5	ESE 1.5	Calm	1.4
Mean	2.6	3	3.4	3.4	2.8	1.6	1	1.3	0.8	1	1	0.6	1.4

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	0.5	1.5	2	6	3	2	1	2.5	2.5	6	**13**	9
2	0	1.5	1.5	.5	1.5	1	0	5	6	3	11	10
3	3	1	.5	3.5	1	2	1.5	3.5	5.5	8.5	11	10
4	6	4	4	2	4	3	3	2	7	6	12	11
5	4	4	2	2	4	2	2	1	5	6	6	6
6	3.5	2.5	3	2	1	3.5	5.5	6.5	3.5	5	8	8
7	3	1.5	3.5	5	8	5	6	7	3	4	9.5	8
8	5	3	3.5	7.5	6.5	7	5.5	2.5	0	3	11	10
9	7	6	7	10	11	9	11	15	17	**21**	16	15
10	7	7	7	7	6	4	5	3	6	9	11	12
11	2.5	0	1	3	2	2	3	6	3	8	17	16
12	3	2.5	2.5	4	6.5	9.5	6.5	7.5	8.5	7.5	**15**	12
13	3	2	2	2	4	4	2	2	5.5	2.5	12	17.5
14	7	8	5	4	4	6	6	10	6.5	7.5	11	14
15	3	5	6	6	4	3	2	1	**4**	11	13	11
16	1	2	2	3	4	5	3	2	5	7	7	10.5
17	9	8	6	2	1	4	6	13	11.5	5.5	15	15
18	4	7	4.5	3.5	.5	2.5	3	0	5	13	10.5	6.5
19	3.5	4	2	2.5	2.5	5	7	8	5.5	4.5	9	11.5
20	5	8	6	7	5	5	3.5	2.5	2.5	7.5	10	11
21	3	4	5	6	1.5	5.5	4	5	8	7	11	9.5
22	2.5	1.5	1	5	4.5	4.5	5	3	3	6	12	9.5
23	1.5	.5	3	3.5	4	4.5	5.5	6	3	7.5	16	16
24	6	5	3	5	5	6	**4**	9	5	7	16	13
25	5	4	3	5	4	4	3	4	**4**	9	14	14
26	5	5	4	4	3	4.5	3	3	2.5	10	13	14
27	10	4	3	5	5	6	3	2	4	8	10	13
28	5	5	6	3	2	1	2	2	4	9	11	**16**
Mean	4.2	3.8	**3.5**	4.2	3.9	4.3	4	4.8	5.2	7.5	11.8	11.8

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	7	8	7	7	8	8	8	10	9	10	10	10	8.5	4 10
2	8	9	7	8	8	9	9	9	9	10	9	10	8.8	3 35
3	9	9	8	8	10	9	10	10	10	9	10	10	9.3	2 55
4	8	9	9	9	9	9	10	10	10	10	9	10	9.3	**1 00**
5	8	9	8	9	8	9	9	8	8	**3**	5	10	7.8	1 50
6	6	8	2	7	9	10	9	10	10	10	10	10	8.4	3 35
7	7	3	2	9	8	5	4	3	2	1	0	0	3.7	8 10
8	9	10	10	10	8	3	3	**4**	4	5	4	3	6.1	6 55
9	8	8	8	6	10	8	7	3	5	4	8	9	7	5 20
10	8	4	2	2	2	3	3	3	4	4	3	3	3.4	9 05
11	7	4	3	6	6	6	8	7	7	3	5	4	5.5	**7** 55
12	**8**	8	9	7	7	8	9	8	8	7	4	3	**7.2**	5 40
13	9	9	8	8	8	7	8	7	8	7	3	5	7.2	3 40
14	4	4	4	**4**	5	5	6	7	6	4	**4**	7	5	7 10
15	9	9	9	7	9	10	10	6	8	8	10	10	8.8	2 20
16	7	4	4	10	10	9	7	**5**	4	3	3	7	6.1	7 45
17	7	8	6	6	**4**	6	7	7	8	8	7	7	6.8	7 50
18	8	7	7	8	9	10	10	10	7	6	8	8	8.2	4 15
19	9	10	10	10	3	3	3	**3**	4	5	8	9	6.4	6 00
20	9	10	10	10	8	9	8	10	10	10	10	10	**9.5**	1 35
21	9	8	6	4	8	9	10	10	9	8	10	10	8.4	2 15
22	9	7	3	4	5	7	7	7	7	3	5	3	5.6	**6** 45
23	2	0	0	0	0	1	1	3	3	3	2	1	1.3	10 00
24	2	0	0	0	0	1	1	1	0	1	0	0	**.5**	10 20
25	0	1	1	2	2	5	5	3	1	0	0	0	1.7	**9** 25
26	2	0	0	2	4	4	4	6	4	**4**	**1**	1	2.7	8 55
27	3	2	2	2	4	4	5	2	2	2	1	0	2.4	**10 55**
28	6	7	7	7	6	7	7	4	2	2	0	0	4.6	8 25
Total														167 45
Mean	**6.7**	6.2	5.4	6.1	6.4	6.6	**6.7**	6.3	6	5.4	**5.3**	5.7	6.1	5 59

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
12	10	11	11	7	1	6	2	2	2	3	1	4.9
12.5	9.5	9.5	7 5	8	7	3.5	2	.5	1	3	3	4.5
10	9	6	6	11	10	13	11	12	11	9	6	6.9
12	10	13	8	4	2	2	3	3	0	5	7	5.5
12.5	6.5	12	15	17	12	6	5	3	4	7	3	6.1
12	7	9	16	14	13	5	5	4	3	1	5	6.1
15.5	11	13	14	14	12	8	6.5	9.5	9.5	6	8	7.9
18	14	11	7	5	6	10	9	7	3	5	5	6.9
12	11	13	13	11	10	8	4	9	9	10	6	10.9
10	14	8	18	18	16	13	10	5.5	4.5	4.5	3	8.7
18	16	10	13	18	11	5	7	5.5	3.5	2.5	2.5	7.3
15	15	11	9	6	6	3	2.5	2.5	6	3	2	6.9
12.5	10.5	12.5	19	20	9	4	2	5	8	9	6	7.3
11	15	18	17	13	10	3	5	3	7	5	3	8.3
10	11	17.5	10.5	7	4	5.5	5.5	2	2	2.5	2.5	6.2
13.5	19.5	17.5	18	17	13	9	10.5	9	6.5	6	4	8.1
14	9	15.5	12.5	12	10	7	3	3	3	2	3	7.9
12	16	15	13.5	11.5	7	5	14	5.5	.5	5	4.5	7.1
13.5	12	11	9	15	7	6	3	.5	5	8.5	5	6.7
11	11	11	18	11	7	8	7	6	2	4	1	7.1
10.5	11	14	16	16	10.5	5.5	4	5	4	3.5	2.5	7.2
13.5	10	13	10	6	8	6.5	10.5	7	8	7	4	6.7
13	13	14	17	18	15	11	11	4	5	9	7	8.7
19	12	13	21	19	16	8	5	3	5	5	6	9
14.5	9.5	10	16	17	15	10	6	7	6	6.5	6.5	8.2
11	9	19	22	20	17	9	8	4	9	14	13	9.4
12	25	29	24	24	16	14	10	13	9	12	8	11.2
8	6	10	12	14	10	10	8	7	6	7	6	7.1
12.8	11.9	13.1	14	13.3	10	7.3	6.4	5.3	5.1	5.9	4.8	7.5

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	1	1									4	3			2		13	117	3.3	
2		1			1	1					2	3	1				15	108	2.7	0.1
3				1	1	6	1				1	2	3	1			8	165	3.2	
4			1	1	1						1	1	5	2			12	133	2.5	
5	5	3												1		2	13	147	3.7	
6				4		1					1	1	2		2	1	12	146	3	.5
7		3		1		6	4		1			1		1		1	6	190.5	4.1	
8			3			1	1				1	1	1	3			13	164.5	4.3	
9	7	6	1		1						4					3	2	261	4.9	
10	1	3	2	1	6	3						2	1				5	208.5	5.5	
11		1	1		2	1	1		1		2	1		1	2		11	175.5	4.3	
12		2								2	4		1		1	4	10	166	3.5	
13		1	3	2		1										5	12	176	5.2	
14	4	2	2	1	1	1							1		1	7	4	199	5.9	
15					2			1	2		1		1	2	1	3	11	149	4.3	
16		2				2	9			1	1					1	8	195	5.4	
17		1	2	1			2				2	1			1	5	9	190	4.1	
18		1		1	2				1				1		1	5	12	169.5	2.9	6.1
19	2	1	1	1		1					4	1	1			2	10	160.5	3.3	
20	1	2	3	2	3						2	1		1		1	8	170	3.7	.3
21				1	5						3		2	1	1	1	10	172	4.3	
22	1		1	3	1	4					1	1		1	1	2	8	161	4.7	
23	1	1	1	3	5		1					4	1		1		6	208	5.1	
24	1			2	3	1	6					2	3				6	216	5.2	
25			3	1	4	3						3	1		1		8	197	5.2	
26		2	2		1	5	4					2	2				6	226	4.6	
27			2			10	2			1	2	1					6	269	6.1	
28	4		1		3	4					1			1	1	2	7	170	4.9	
Total	28	33	29	26	42	51	31	1	5	4	37	31	27	15	16	45	251	5,010	119.9	7
Mean	1	1.2	1	0.9	1.5	1.8	1.1	0	0.2	0.1	1.3	1.1	1	0.5	0.6	1.6	9	178.9	4.3	0.2

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°*C.*		*Per cent.*	*mm.*	*mm.*		°*C.*		*Per cent.*	*mm.*
1	760.80	9.30a.	29.6	1.35p.	91	18.5	757.85	3.00p.	21	5.35a.	61	17.2
2	61.40	10.30p.	28.6	3.20p.	96	18.9	58.15	3.15p.	20.4	5.20a.	65	16.7
3	61.85	10.30p.	29.2	1.25p.	93	18.7	59.05	3.05p.	21.1	5.55a.	65	17.7
4	62.85	9.30a.	**28.5**	2.35p.	95	19.5	60	3.15p.	20.4	6.15a.	**66**	17.3
5	63.26	9.00a.	29.5	2.50p.	93	18.1	60.05	3.25p.	20.6	3.40a.	57	16.6
6	**63.85**	10.00p.	29.3	0.55p.	95	18.9	**60.78**	3.00p.	19	5.20a.	59	15.9
7	63.21	9.00a.	32.1	3.05p.	94	19.3	60.09	3.00p.	21.4	6.05a.	53	18.1
8	62.75	10.05a.	31.5	4.15p.	97	20	59.19	4.00p.	20.9	4.45a.	55	17.6
9	62.60	9.10a.	31.6	0.25p.	89	**20.8**	59	3.45p.	**23.5**	5.55a.	56	17.1
10	62.90	9.20a.	31.5	1.40p.	87	17.1	59.55	3.10p.	21.4	11.30p.	46.5	15
11	62.90	9.25a.	30.1	3.45p.	87	17.9	59.69	4.00p.	21.3	midnight	57.5	16
12	63.50	9.05a.	30.1	3.20p.	91	19.9	60.25	3.20p.	20.4	3.00a.	63	15.3
13	63.20	10.15p.	30.5	3.40p.	89	17.9	60	2.40p.	21	6.05a.	50	14.4
14	63.65	9.05a.	30.7	1.15p.	**77**	**15.7**	60.55	3.25p.	20.2	5.15a.	47	**13.7**
15	63.55	9.05a.	31.1	2.15p.	84	18.7	60.10	3.25p.	21.2	6.25a.	54	15.4
16	62.40	9.20a.	31.7	3.25p.	88	19.2	58.50	3.30p.	22	4.35a.	53	17.3
17	61.45	9.05a.	31.5	2.40p.	92	20.6	57.45	3.45p.	22.4	6.30a.	62	18.2
18	60.05	9.15a.	30.8	1.40p.	94	20.4	56.55	3.45p.	22.4	5.50a.	63	**18.4**
19	59.50	10.40p.	31	4.05p.	**98**	20	55.95	3.10p.	21.7	3.55a.	60	18.2
20	61.60	11.05p.	29.8	0.50p.	96	19.7	58.45	4.00a.	21.5	5.30a.	58	15.7
21	62.65	9.25a.	28.8	1.45p.	91	17.9	60.35	3.30p.	20.5	11.55p.	56	15
22	62.85	9.55a.	31.3	2.40p.	94	16.9	59.80	4.00p.	19.9	2.35a.	49.5	14.9
23	61.85	9.05a.	31.3	4.05p.	92	17.6	58.37	3.00p.	18.8	5.05a.	**45**	15
24	60.95	9.20a.	31.5	3.05p.	91	17.3	57.65	3.35p.	**18**	6.05a.	49.5	14.4
25	60.30	9.45a.	32.6	3.55p.	91	18.1	57.15	3.20p.	19.9	6.35a.	47	16.2
26	59.69	9.00a.	32.9	2.50p.	93	20.2	56.35	2.45p.	20.7	6.20a.	56	17.1
27	59.45	8.50a.	**33.3**	1.45p.	94	19.5	**55.70**	4.05p.	20.2	5.25a.	53	16.8
28	**59.30**	9.25a.	33	3.40p.	91	19.3	56.48	4.00p.	20.9	6.35a.	46.5	16.8
Mean	761.94	-------	30.8	-------	91.5	18.8	758.68	-------	20.8	-------	55.5	16.4

DAILY GENERAL REMARKS.

1____Overcast.
2____d° in the afternoon.
3____Overcast.
4____Do.
5____Do.
6____d at night.
7____Cloudy weather.
8____Do.
9____Somewhat gusty Nly winds in the morning.
10____Cloudy weather.
11____Do.
12____Overcast.
13____Coloration of upper clouds at sunset.
14____Somewhat gusty NEly winds in the afternoon.
15____Overcast.
16____Somewhat gusty SE winds in the afternoon.
17____Cloudy weather.
18____● in the evening.
19____d° 5.50 p. m.
20____≡°, d° in the morning; d 4.20 p. m.
21____Overcast.
22____Cloudy weather.
23____Fair weather.
24____Somewhat gusty SE winds in the afternoon.
25____Somewhat gusty Ely winds in the afternoon.
26____Somewhat gusty SEly winds in the afternoon.
27____As yesterday.
28____Cloudy weather.

OBSERVATIONS FOR MARCH, 1917.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	58.55	58.35	58.25	58.30	58.35	58.67	59	59.74	**60.15**	60.04	59.49	58.75
2	58.50	58.30	58.10	58.20	58.30	58.56	59.01	59.29	**59.39**	59.17	58.79	58.27
3	59	58.75	58.60	58.75	58.85	59.04	59.56	59.94	**59.96**	59.85	59.44	58.78
4	58.10	57.85	57.60	57.45	57.50	57.89	58.21	58.70	**58.89**	58.82	58.37	57.79
5	58.25	57.85	57.60	57.55	57.90	58.36	59.03	59.44	59.70	**59.90**	59.38	58.77
6	58.75	58.55	58.60	58.70	58.45	59.19	59.71	60.02	**60.34**	60.28	59.98	59.12
7	58.60	58.30	58.35	58.40	58.70	59.35	59.78	60.25	**60.55**	60.52	60.06	59.43
8	58.90	58.50	58.20	58.30	58.55	58.84	59.27	59.64	**59.85**	59.52	58.74	58.04
9	58.45	58.25	58.05	57.90	58	58.15	58.61	59.25	**59.56**	59.38	59.09	58.64
10	58.95	58.75	58.65	58.60	58.95	59.27	59.65	**60.24**	60.18	60.07	59.64	58.98
11	58.70	58.35	58.25	58.35	58.80	59.12	59.47	60.14	**60.30**	60.28	60.04	59.43
12	58.95	58.40	58.30	58.15	58.30	58.57	59.18	59.49	**59.53**	59.31	59	58.27
13	58.40	58.20	58.10	58.15	58.45	58.80	59.41	59.74	59.79	59.63	59.60	59.09
14	59.75	59.15	58.95	**58.80**	59.10	59.46	60.11	60.60	**60.98**	60.89	60.69	60.17
15	60.50	60.15	60.05	60.05	60.40	60.85	61.65	62.29	**62.37**	62.24	61.84	61.18
16	60.85	60.65	60.55	60.65	60.80	60.94	61.29	61.69	**61.73**	61.49	61.27	60.62
17	60.30	60	60	59.90	60.05	60.47	60.98	61.68	**61.91**	**61.91**	61.66	61.06
18	60.10	59.60	59.35	59.40	59.75	60.02	60.75	61.20	**61.22**	61.15	60.87	60.33
19	59.75	59.35	59.35	59.45	59.60	60.07	60.45	60.70	**60.79**	60.78	60.37	59.78
20	59.55	58.95	58.95	58.95	59.10	59.75	60.50	61.12	**61.45**	61.29	60.92	60.57
21	60.15	59.70	59.45	59.45	59.80	60.37	60.84	61.37	61.70	**61.77**	61.59	61.21
22	61.55	61	60.75	60.70	61.05	61.51	61.96	62.42	**62.67**	62.62	62.33	61.71
23	60.90	60.50	60	59.85	59.95	60.43	60.91	61.03	**61.52**	61.50	61.14	60.81
24	60.30	59.95	59.45	59.35	59.55	60.17	60.63	61.13	**61.36**	61.30	60.88	60.73
25	60.25	59.95	59.75	59.85	59.95	60.37	60.96	61.54	**61.85**	61.74	61.49	61.14
26	60.05	59.55	59.50	59.45	59.70	60.12	60.93	**61.19**	61.14	61.12	60.75	60.09
27	60.50	60	59.80	59.95	60.10	60.41	60.79	61.16	61.40	61.44	61.09	60.67
28	60.90	60.55	60.40	60.35	60.55	60.89	61.44	61.84	62.09	**62.34**	62.04	61.56
29	61.70	61.35	61.30	61.25	61.35	61.74	62.10	62.80	**63.10**	63.05	62.74	62.12
30	61.45	60.95	60.50	60.40	60.60	60.90	61.30	61.78	**61.79**	61.74	61.28	60.59
31	59.70	59.20	58.90	58.75	59.20	59.79	60.67	61.23	**61.43**	61.32	61.02	60.27
Mean	59.69	59.32	59.15	59.14	59.35	59.74	60.26	60.73	**60.93**	60.85	60.50	59.93

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	22.2	22.2	22.3	22.1	21.3	**21.2**	21.5	25.5	27.2	28.2	27.9	29.9
2	22.8	22.1	21.9	**21.7**	21.9	21.9	22.7	27.2	29.3	30.5	30.5	29.8
3	23.3	22.7	22	21.4	21.2	**20.8**	22.1	25.7	29.1	28.5	29.1	30.6
4	24.7	25.1	24.8	24.3	23.8	**23.4**	23.5	27.5	29.3	28.7	29.8	29.4
5	25.4	24.9	24.5	24.3	**23.4**	23.5	24.7	26.5	27.4	28.6	28.6	29.4
6	24.6	24.1	23.6	22.3	22.2	**22**	22.5	26.8	28.7	28	28.4	29.5
7	22.6	22	21.6	21.4	21	**20.7**	21.6	24.6	29.4	30.7	31	30.8
8	23.9	23.5	23.2	22.2	21.3	**20.8**	22.2	26.2	29.2	30.1	32	31.5
9	23.9	23.3	22.6	22.9	22.5	**22**	22.6	26.4	27.9	29	28.4	29.4
10	24.2	23.5	22.7	21.8	21.5	**21.3**	23.8	27.2	29.2	29.9	30.8	30.7
11	23.5	22.7	22.2	**21.6**	21.7	22	23.2	26.7	28.8	28.8	31.1	31.2
12	22.3	22.2	21.9	21.3	**20.6**	20.7	22.4	26	29	30	28.8	29.9
13	23.1	21.4	20.9	**20.2**	20.4	20.5	22.5	25.8	28.2	29.3	28.2	**30**
14	23.7	23.1	22.4	**22.2**	22.4	22.3	22.6	26.1	28	29.6	28.2	29.7
15	21.6	20.9	20.6	20.3	20.2	**20**	21.8	25	28.2	28.1	28.6	30
16	22.3	21.8	21.8	21.2	21	**20.5**	23.2	26.5	29	29.1	29.7	29.3
17	23.5	**22.4**	22.5	22.6	22.7	22.5	22.6	23.7	24.2	24.2	25	25.9
18	24	23.4	23.4	23.2	23	**22.9**	23.2	25.2	27.9	**31.1**	29.5	29
19	23.1	22.8	22.6	22.6	22.4	**22**	24	26.6	29.2	28.1	29.3	29
20	23.1	22.5	22.4	22.3	22.1	**22**	22.6	26.5	27.7	28.7	28.7	29.9
21	22.7	22.5	22.2	22	21.5	**21.2**	23.3	26.1	27.9	27.5	28.1	29
22	23	22.6	22.2	21.9	21.4	**21.3**	23.5	26.6	27.9	28.9	29.2	29.7
23	23.4	22.8	22.5	22.5	22	**21.6**	23.4	26.7	26.7	27.6	**28.9**	27.6
24	23.1	22.5	22.7	22.9	22.7	22.8	23.2	24.4	26.8	27.5	**28.5**	24
25	22.1	**21.9**	22	22.1	22.2	22.3	23	24.4	25.5	25.8	27.6	26.5
26	23.1	23	22.9	**22.4**	**22.4**	**22.4**	22.9	23.8	25.6	27.3	28.5	**30**
27	22.7	22.7	22.6	**22.5**	**22.5**	**22.5**	23.6	26.5	28.6	27.8	28.7	28.7
28	23.8	23.3	23.1	23	**22.5**	**22.5**	24.9	26.6	28.2	29.9	29.5	29.3
29	22.7	22.5	22.1	**22**	22.3	**22**	24	26.5	26.7	28	29.1	29.6
30	24.3	23.7	23.2	22.9	22.5	**22**	24.6	26.7	27.8	28.2	29	29.7
31	24.5	23.9	23.9	23.4	23.2	**22.8**	24.2	26.7	27.1	28.8	29.1	29.6
Mean	23.3	22.8	22.6	22.2	22	**21.8**	23.1	26	27.9	28.6	29	29.3

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
57.87	57.27	**56.53**	56.91	57.17	57.22	57.80	58.20	58.45	58.80	58.85	58.65	58.39
57.52	56.56	**56.37**	56.46	56.78	57.16	57.62	58.25	58.90	59.30	59.35	59.25	58.22
57.92	57.03	56.22	**56.17**	56.27	56.71	57.46	57.95	58.55	58.55	58.55	58.40	58.35
56.89	56.27	56.01	**55.86**	56.33	56.71	57.20	57.85	58.35	58.60	58.70	58.50	**57.68**
57.97	57.21	56.77	**56.45**	56.66	57.16	57.85	58.35	58.75	59.05	59.10	58.90	58.25
58.41	57.63	57.23	**57.17**	57.27	57.53	57.90	58.50	58.95	59.20	59.05	58.85	58.72
58.92	58.06	57.46	**57.45**	57.55	57.66	57.95	58.40	58.95	59.25	59.45	59.10	58.85
57.48	56.57	56.21	**56.15**	56.48	57.01	57.41	58	58.40	58.75	58.90	58.60	58.18
57.96	56.98	56.51	**56.41**	56.58	57.09	57.51	58	58.45	59	59.20	59.05	58.17
58.16	57.07	**56.42**	56.51	56.70	57.12	57.85	58.45	58.85	59.05	59.10	58.90	58.59
58.56	57.72	57.37	**57.33**	57.47	57.89	58.10	58.60	58.65	59.15	59.35	59.25	58.78
57.67	57.34	57.09	**56.88**	57.37	57.66	57.91	58.30	58.60	58.55	58.65	58.60	58.34
58.34	57.87	**57.47**	57.78	58.12	58.62	59.09	59.45	59.75	**60.15**	**60.15**	59.95	58.92
59.63	59.35	59.25	58.83	59.04	59.19	59.34	59.85	60.35	60.70	60.70	60.65	59.81
60.28	59.53	**59.23**	59.47	59.97	60.46	60.77	60.95	61.55	61.70	61.55	61.25	60.84
59.83	59.18	58.98	**58.89**	59.13	59.48	59.84	60.30	60.60	60.80	60.85	60.50	60.45
60.19	59.27	**58.65**	58.66	58.85	58.95	59.74	60.05	60.65	60.95	61	60.60	60.31
59.72	59.19	58.78	**58.72**	59.06	59.52	59.70	60.20	60.45	60.80	60.60	60.35	60.03
59.12	58.61	**58.07**	58.12	58.22	58.58	59.02	59.40	59.75	60	59.95	59.90	59.55
59.47	58.82	**58.40**	58.42	58.41	58.76	59.47	60.15	60.50	60.70	60.80	60.50	59.80
60.36	59.27	58.96	**58.77**	58.91	59.51	60.33	60.90	61.45	61.65	61.75	61.60	60.45
60.75	60.02	59.52	59.10	**59.06**	59.36	60.12	60.55	61.15	61.60	61.55	61.40	61.02
60.13	59.89	59.55	59.56	**59.51**	59.79	60.02	60.25	60.45	60.85	60.75	60.55	60.41
60.17	59.27	58.84	**58.73**	58.95	59.18	59.73	60.20	60.65	60.80	60.90	60.65	60.12
60.42	59.78	59.91	59.67	**59.50**	59.65	59.95	60.45	60.65	60.75	60.65	60.45	60.44
59.45	58.95	58.90	**58.80**	58.94	59.14	59.75	60.10	60.80	61	60.95	60.75	60.05
59.88	59.01	**58.43**	58.60	58.81	59.26	59.96	60.55	61.10	**61.55**	61.45	61.15	60.29
60.94	60.26	59.80	**59.77**	60	60.31	61.04	61.55	62.05	62.25	62.20	62.20	61.14
61.21	60.15	59.50	**59.26**	59.31	59.73	60.23	60.90	61.50	61.85	61.85	61.70	**61.32**
59.64	58.94	58.23	58.02	**57.97**	58.28	58.74	59.05	59.90	60.25	60.35	60.10	60.11
59.41	58.57	57.97	**57.95**	58.21	58.32	58.62	59.20	59.90	60.50	60.40	60.20	59.61
59.17	58.44	58.02	**57.96**	58.15	58.48	58.97	59.45	59.90	60.20	60.21	60.02	59.52

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
29.3	29.6	**31.1**	29.5	29.4	27.6	26.1	25.8	25.1	24.4	23.7	23.1	25.7
29.8	**32.4**	31.8	30.7	29.5	27.3	26.3	24.9	24.1	24	23.3	23.5	26.2
30.7	32.2	**32.6**	32	30.8	28.3	27.2	26.3	25.7	25.9	25.2	25.1	26.6
29.9	**31.5**	31.2	30.7	29.4	28.2	27.5	26.3	25.8	26	25.6	25.6	**27.2**
28.3	30	31.4	**32**	29.7	28.3	27.2	26.2	25.5	25.1	24.5	24.5	26.8
31.4	31.5	**32.3**	30.8	30.5	28.1	26.9	25.8	24.8	24.5	24.1	23.3	26.5
30.2	30.6	**31.1**	**31.1**	29.8	27.8	26.4	25.9	25.3	25.2	24.9	24.8	26.3
31.3	**32.9**	32	32.1	30.5	28	26.5	25.5	24.9	24.6	24.4	23.8	26.8
30	**32.6**	32.2	30	29.4	**28.5**	27.5	26.4	25.6	25	24.8	24.6	26.6
30.9	**32.5**	31.8	31.6	31.1	28.7	26.8	26.3	24.9	24.6	**24.2**	23.7	26.8
32.1	**32.3**	31.2	31	30.4	27.7	26.5	25.7	25.4	**25.2**	**24**	23.2	26.6
29.4	28.3	**30.7**	30.5	28.8	27.7	26.3	25.3	25.1	23.9	23.4	23.1	25.7
28.9	29.2	29.3	26.4	27.7	26.5	25.2	24.9	24.8	23.6	24.3	24.3	25.2
29.4	28.7	26.4	28.9	**29.8**	27.3	25.8	25	24.2	23.3	22.9	22.4	25.6
30	31	**32.2**	30.1	29.3	27.2	26	24.9	24	23.3	23.5	22.8	25.4
29	**30.1**	28	28.8	29	26.9	25.6	25.3	24.7	24.2	24.2	23.7	25.6
27.2	26.8	**27.7**	25.5	25.9	25.7	25	24.2	24.2	24.3	24.3	24.4	24.5
30.1	29.9	29.4	30	29.4	27.6	26.1	25.2	24.3	23.9	23.5	23.2	26.2
27.9	29.8	**31.3**	29	29.4	27.6	26.2	25.2	25	24.8	24.3	23.4	26.1
30.6	28.4	27.9	30.5	29.7	28.3	27	25.6	24.8	24.3	23.8	23.2	25.9
30.4	31.7	28.4	**31.9**	31	28.2	26.8	25.6	25.2	24.4	**24.1**	23.5	26
29.8	30.4	31.4	**31.7**	30.5	28.1	26.8	25.9	25.1	24.4	24.4	23.7	26.3
27.7	25	27.3	24.5	24.7	23.9	23.3	23.3	23.2	23.1	23.3	23.1	24.5
26.1	27.3	28.4	27.8	27.2	26.1	24.9	24.8	24.2	23	22.5	**22.4**	24.8
27.4	**28**	23.7	24.1	24.7	24.3	23.5	23	23.1	22.8	23.2	23.2	**24**
28.8	28.4	27.5	28.2	29.1	26.3	25.6	24.4	23.8	23.3	23.2	23.2	25.3
30.4	**31.7**	31.6	30.5	30.3	27.4	26.8	26.7	26.5	25.9	24.7	24	26.5
31	31	**31.6**	31.4	30.1	28.5	26.9	26.1	25.2	24.6	23.7	23.3	26.7
30.7	31.1	**31.8**	31.6	31	28.3	27.1	26.5	26.3	26	25.3	25.1	**26.6**
30.4	30.5	30.8	**31.4**	31	28.9	27.5	27.1	26.3	25.7	25.3	25.1	**26.9**
30.6	30.9	**32.3**	31.9	31.2	28.4	27.6	26.5	26.1	26.3	25.5	24.9	27.1
29.7	**30.2**	**30.2**	29.9	29.4	27.5	26.3	25.5	24.9	24.5	24.1	23.8	26

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	88	88	87	86	89	89	**90**	71	68	67	68	60
2	88	**92**	91	91	90	90	89	68	60.5	56	57	60
3	84	86	90	93	93	**94**	88	75	59	66	62	57
4	81	80	81	84	85.5	**86**	85	70	63	68	63	62.5
5	82	85	87	87	**92**	91	87	77	73	67	68	64
6	78	80	83	88	89	**90**	89	70	64	68	68	64
7	85	87	**88**	87	**88**	**88**	87	77	58	52	51	51.5
8	77	80	79	83	88	**90**	84	67	55	50	**42**	49
9	81	81	83	83	84	**88**	87	73	67	63.5	63	62
10	80	85	**89**	87	87	87	77	67	58.5	58.5	61	60
11	86	90	91	**95**	**95**	92	87	70	63	63	54	**54**
12	85	87	87	89	**93.5**	91	83	**69**	59	57	60	57
13	84	95	94	**97**	95	95	83	69	62	59	67	**57**
14	89	91	**96**	**96**	94	93	94	79	71	63	68	**61**
15	94	94.5	**95**	**95**	**95**	94	87	76	65	67	61	59
16	82	84	84	86	88	**91**	77	66	56	54	**52**	57
17	87	94	94	95	95	**96**	**96**	89	89	90	87.5	84
18	88	**94**	93	93	93	**94**	**94**	87	74	61	70	74
19	90	91	92	92	93	**96**	86	76	68	75	67	68
20	92	94	93	93	94	**95**	93	78	73	69	71	63.5
21	89	90	91	90	94	**95**	84	79	69	72	70	65
22	88	89	91	91	**93**	**93**	82	74	68	63	62	62
23	85	88	89	88	89	91	83	69	68	66.5	**65**	70
24	87	89	87	88	88	88	87	83	71.5	70	67	89
25	90	**92**	91	91	90	90	87	80	77.5	75	**67**	73.5
26	86	87	87	**92**	**92**	**92**	89.5	85	78	71	64	**62**
27	**91**	90	**91**	**91**	**91**	**91**	85	73	65	69	69	69
28	90	90	91	92	**94**	93	80	72	69	62	62	63
29	89	90	**92**	91	89	91	79	72	74	68	67	66
30	84	86	87	87	89	**93**	79	69	69	66	64	62
31	87	91	91	94	94	**97**	89	77	78	69	68	66.5
Mean	86	88.4	89.2	90.2	91.1	**91.7**	83	74.4	67.5	65.3	64	63.6

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	17.6	17.4	17.4	17	16.8	**16.7**	17.2	17.1	18.3	19	19	18.9
2	18.1	18.2	17.8	17.5	17.6	17.6	18.2	18.3	18.3	18.2	18.6	18.6
3	17.8	17.6	17.7	17.6	17.3	**17.2**	17.3	18.3	17.7	19	18.4	18.7
4	18.7	18.9	18.8	19	18.7	18.4	18.4	19.3	19.1	19.8	19.6	19
5	19.8	19.9	19.8	19.7	19.7	19.6	20	19.9	19.9	19.5	19.7	19.6
6	17.9	17.8	18	17.7	17.8	17.7	18.1	18.3	18.9	18.9	19.5	**19.7**
7	17.3	17	16.9	16.5	16.3	16	16.8	**17.7**	**17.7**	17.1	17.1	17
8	16.9	17.1	16.6	16.6	16.6	16.4	16.7	17.1	16.7	15.9	**14.8**	16.8
9	17.9	17.2	17.3	17.3	**17.1**	17.2	17.7	18.6	18.6	18.9	18.1	18.9
10	17.9	18.4	18.3	17	16.6	**16.4**	16.9	17.9	17.6	18.3	**20.1**	19.6
11	18.5	18.5	18.1	18.1	18.2	18	18.4	18.2	**18.6**	**18.6**	18.2	18.3
12	17	17.2	16.9	16.8	16.9	**16.5**	16.8	17.2	17.6	18.1	17.7	17.9
13	17.7	17.9	17.2	17.1	17	17.1	**16.9**	17.1	17.7	17.9	19	17.9
14	19.3	19.1	19.2	19	18.9	18.6	19.1	**19.9**	**19.9**	19.5	19.2	19.1
15	17.9	17.3	17.2	16.9	16.8	16.4	17	17.8	18.4	**18.9**	17.8	18.6
16	16.5	16.3	16.3	16.2	16.3	16.3	16.3	16.9	16.6	16.2	16.2	17.2
17	**18.7**	18.9	19	19.3	19.4	19.4	19.5	19.3	19.9	20.2	20.6	20.8
18	19.5	20.1	19.9	19.7	19.4	19.5	19.8	20.7	20.6	20.6	21.3	**21.9**
19	19	18.8	**18.7**	**18.7**	**18.7**	18.8	19	19.6	20.3	21.2	20.3	20.3
20	19.4	19	18.7	18.6	18.5	18.6	18.9	20	20.3	20.2	**20.6**	19.9
21	18.3	18.3	18	17.7	17.8	17.7	17.8	**19.9**	19.2	19.6	19.7	19.3
22	18.3	18	18.1	17.8	17.6	17.4	17.7	19.2	19	18.6	18.8	19.2
23	18.1	18.1	18.1	17.7	17.5	**17.4**	17.7	18	17.7	18.2	19.2	19.2
24	18.3	18.1	17.8	18.2	18	18.1	18.4	18.9	18.7	19.3	19.4	**19.7**
25	**17.8**	17.9	17.9	18	17.9	18.1	18.1	18.2	18.8	18.4	18.4	18.9
26	18.1	18.1	**18**	18.5	18.5	18.5	18.6	18.6	19.1	19.2	18.6	19.4
27	18.7	18.5	18.6	**18.4**	**18.4**	**18.4**	18.5	18.7	19	19.2	20.1	20.1
28	19.7	19.2	19.1	19.2	19	18.8	18.8	18.7	19.6	19.4	19	19.1
29	18.3	18.3	18.2	17.9	17.8	17.9	**17.5**	18.5	19.4	19.1	20	**20.3**
30	19	18.8	18.4	18	**17.9**	18.2	18.1	18	19.1	18.8	19.1	19.2
31	19.8	20	20.1	20.1	19.8	19.9	19.9	19.9	20.7	20.4	20.2	20.5
Mean	18.3	18.3	18.1	18	17.9	**17.8**	18.1	18.6	18.8	18.9	19	19.1

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
64	65	**56**	64	63	68	72	72	77	82	85	86	75.2
60	**46.5**	51	58	56	67	67.5	76	81.5	81	84.5	83	72.7
58	55	**52**	53	54	62	67	70	77	75	78	79	72
62	60	**55**	**55**	59	61.5	67	75	78	76	79	79	71.5
70	63	55.5	**54**	64.5	68	68	74	77	78	81	79	74.7
57	56	**50**	56	52	61	66	72	77	78	79	83	71.6
55	52.5	52	51	**50.5**	58.5	65	69	70	72	73	71	68.3
48	43	46	**42**	49	59	65	72	75	76	77	81	**65.7**
61	**53**	**53**	62	61	65	68	74	78	78	78	79	71.9
56	49	52	**48**	50	59	69	70	78	81	83	85	69.9
49	**46**	51	52	52	60	63.5	68	70	71	79	82	70.1
62	70	61	**54**	65	68	74	80	79	85	85	85	74.4
63	61	62	86	76	82	85	86	84	90.5	86.5	86.5	79.4
62.5	67	75	62	**61**	70	77	79.5	84	90	89.5	91	79.3
60	55	**46**	**46**	52	60	66	71	75	80	79	82	73.1
57	55	62	53	54	62	69	71	77	81	82	85	70.2
76	80	77	88	88.5	88	83	91	91	89	88	87	**88.5**
64	65	68	61	**59**	67	76	79	84	86	90	90	79.3
74	63	**60**	76	66	72	78	83	84	85	88	92	79.8
62	70	73	63	**58**	66	72	78	81	83	85.5	89	78.7
59.5	55	64	52	**50**	60	67	74	75	80	82	86	74.7
62	61	**53**	54	57	65	68	69	76	80	80	85	73.6
73	89	78	90	88	**93**	92	89	90	90	87	88	83.3
79	66	**60**	64	68	72	78	75	79	88	**90**	**90**	79.3
71	70	91	88	87	89	90	**92**	90	91	87	85	84.8
68	70	73	68	67	79	80	84	86	89	89	87	80.2
63	57	**54**	60	65	76	80	80	78	81	87	90	76.9
58	59	**54.5**	57	61	65	68	73	79	82	85	87	74.4
60	59	**56**	59	59	69	75	79	79	81.5	83	80	75.3
59	60	55	**54**	59	69	72	73	78	81	81	83	73.3
62	60.5	**54.5**	60	61	76	68	76	79	77	81	85	76.7
62.4	60.7	**59.7**	61	61.7	68.9	72.8	76.6	79.6	81.9	83.3	84.5	75.4

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
19.5	**20.1**	19	19.7	19.2	18.8	18	17.8	18.3	18.5	18.4	18.1	18.2
18.8	**16.8**	17.9	**19**	17.3	18	17.2	17.9	18.2	17.9	18	17.8	18
19	**19.7**	18.9	18.8	18	17.8	17.9	17.9	18.9	18.5	18.6	18.6	18.2
19.3	**20.5**	18.5	18.1	17.9	**17.5**	18.3	19	19.3	19	19.3	19.3	18.9
20.1	19.8	19	19.2	20	19.3	18.3	18.7	18.6	18.5	18.5	**18.1**	19.4
19.6	19.1	18	18.4	**16.8**	17.2	17.4	17.8	17.9	17.8	17.7	17.6	18.2
17.6	17.1	17.6	17	**15.7**	16.3	16.6	17.3	16.9	17.1	17.2	16.5	16.9
16.3	16.1	16.1	15.1	15.9	16.5	16.7	17.5	17.5	17.5	17.5	**17.8**	**16.6**
19.3	19.3	18.9	**19.4**	18.5	18.8	18.5	19	18.9	18.3	18.1	18.1	18.3
18.7	17.9	18.2	16.5	16.8	17.2	18.2	17.7	18.2	18.6	18.7	18.4	17.9
17.3	16.5	17.1	17.3	16.7	16.7	**16.3**	16.7	16.9	17	17.5	17.3	17.6
18.9	**20.1**	20	17.6	19.2	18.7	18.9	19.1	18.6	18.7	18.1	17.9	18
18.6	18.4	18.9	**22**	21.1	21	20.3	20.1	19.6	19.6	19.5	19.5	18.7
19	19.7	19.2	18.4	19	19	19	18.7	18.8	19	18.6	**18.3**	19.1
18.9	18.4	16.4	**14.7**	15.7	16.1	16.5	16.6	16.7	17.1	17	16.9	17.2
16.8	17.4	17.4	**15.5**	16.1	16.3	16.7	17.1	17.8	18.1	**18.5**	18.4	16.8
20.4	20.8	21.2	21.3	**22**	21.5	19.7	20.3	20.3	20.1	19.9	19.7	**20.1**
20.2	20.5	20.6	19.3	**18.1**	18.4	19	18.8	19	19	19.3	19.1	19.8
20.7	19.8	20.2	**22.7**	20.2	19.7	19.7	19.9	19.8	19.8	19.9	19.7	19.8
20.3	20	20.3	**20.6**	**18.1**	18.8	19	19.1	18.8	18.8	18.7	18.7	19.3
19.2	19	18.5	18.3	**16.7**	16.9	17.6	18	17.9	18.2	18.4	18.5	18.4
19.3	**19.6**	18.2	18.6	18.6	18.3	17.8	**17.3**	17.9	18.2	18.2	18.4	18.3
20.3	**21**	20.9	20.5	20.4	20.5	19.6	18.9	18.9	19	18.5	18.4	18.9
19.7	17.9	**17.3**	17.7	18.1	18	18.2	17.4	17.8	18.3	18.3	18.2	18.3
19.3	19.7	19.9	19.6	20	**20.1**	19.5	19.2	19	18.8	18.4	18	18.7
20	20	19.8	19.4	20	**20.2**	19.5	19.1	18.9	18.9	18.7	18.4	19
20.2	19.8	18.7	19.5	**20.8**	20.6	**20.8**	20.7	20	20	20.2	19.9	19.5
19.4	**19.8**	18.8	19.6	19.4	18.8	**17.9**	18.2	18.8	18.8	18.6	18.5	19
19.8	19.8	19.5	**20.3**	19.6	19.7	19.9	**20.3**	20.2	**20.3**	19.8	19	19.2
19	19.4	18.2	18.4	19.8	**20.5**	19.6	19.5	19.8	19.8	19.5	19.6	19
20.1	20.1	19.6	21.1	20.5	**21.9**	**18.8**	19.5	19.7	19.6	19.7	19.9	**20.1**
19.2	**19.2**	18.8	18.8	18.6	18.7	18.4	18.6	18.6	18.7	18.6	18.5	18.6

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	A.-Cu.	Cu.		Cu. E		Cu.		Cu. E		Cu.
2		Cu.		Cu.		Cu.-N. E		Cu. E		Cu. E
3		Cu		Cu.		Cu.		Cu.	Ci.-Cu.	Cu.
4	A.-Cu.	Cu.	A.-Cu.	Cu.		Cu.		Cu. EbyS		Cu. EbyS
5	Ci.-S.	Cu.	Ci.-S.	Cu.	A.-Cu.	Cu.-N. E		N.-cf. E		Cu.-N. E
6	A.-Cu. NE	Cu.	Ci.	Cu.		N.-cf. E		S.-Cu. E		Cu. E
7		S.-Cu. NE		Cu. NE		Cu. ENE		Cu. ENE		Cu. ENE
8		Cu.		Cu.		Cu. E		Cu.		Cu. E
9		Cu.		Cu.		Cu.		Cu. E		Cu. ENE
10	Ci.-Cu.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E
11	Ci.	Cu. E	Ci.	Cu. E	Ci.-S.	Cu. E	A.-Cu.	Cu. E		Cu. E
12	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu. E
13	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E
14	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu.-N. E	Ci.-S.	N.-cf. E
15	Ci.	Cu.	A.-Cu.	Cu.	Ci.	Cu. EbyN	Ci.	Cu. EbyN	Ci.-S.	Cu. E
16	Ci.-S.	S.-Cu.	A.-Cu.	S.-Cu.	A.-Cu.	Fr.-Cu. EbyN	Ci.-Cu.	Cu. EbyN		Cu.
17		N.		N.		N.	Ci.-S.	N. NNE	A.-Cu.	S.-Cu. NE
18	A.-Cu.	Cu.-N.	A.-Cu.	Cu.	A.-Cu.	Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu.-N. E
19	Ci.-Cu.	Cu.	Ci.-Cu.	Cu.	A.-Cu.	Cu. E	A.-Cu.	Cu. E	A.-Cu.	S.-Cu. E
20	Ci.-Cu. SE	Cu.	Ci.-Cu.	Cu. E	Ci.-Cu.	Cu. E	Ci.-Cu.	Cu. E	Ci.-Cu.	Cu.-N. E
21	Ci.-Cu.		A.-Cu.	Cu. ESE	Ci.-Cu.	Cu. NE	Ci.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE
22		Cu.		Fr.-Cu. NE		Cu. NE	A.-Cu.	Cu.		Cu.-N.
23		Cu.		Cu. E		N.-cf. E		Cu. E		Cu.-N. ENE
24	A.-Cu.	S.-Cu.	A.-Cu.	Cu. ESE	A.-Cu.	S.-Cu. E	A.-Cu.	S.-Cu. E		N.
25		Fr.-N. E		Fr.-N. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Fr.-N. E
26		N.	Ci.-S.	N.-cf.		Cu. E		Cu. E		Cu. E
27		Fr.-Cu. ESE		Fr.-Cu. ESE		Fr.-Cu. ESE		Cu. ESE		Cu. ESE
28		Cu.		Cu.	A.-Cu.	Cu. E		Cu. ENE		Cu.-N. E
29	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu.	Ci.	Cu.		Cu.-N.
30	Ci.	Fr.-Cu.		Cu.		Cu.		Cu.		Cu.
31	A.-Cu.	Cu.		Cu. EbyN	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.-N.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1		Cu.		Cu. ESE		Cu. S		Cu. SE		Cu. ESE
2		Cu.		Cu.	A.-Cu.	Cu.		Cu.		Cu.
3	A.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE		Cu.		Cu.		Cu.
4		Cu. E		Cu. E		Cu. E		Cu. E		Cu.
5		N.-cf.	A.-Cu.	Cu. E	Ci.-S.	Cu. E	A.-Cu.	Cu.	A.-Cu.	Cu.
6		Cu. E	A.-Cu.	Cu.		Cu.	Ci.	Cu.	A.-Cu.	Cu.
7		Cu.	A.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE		Cu. E	A.-Cu.	Cu. ENE
8		Cu. E		Cu.		Cu. E		Cu.		Cu.
9		Cu. ENE	A.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE	A.-Cu. SE	Cu. E	A.-Cu.	Cu.
10	Ci.	Cu. EbyN		Cu. E		Cu. E		Cu.		Cu.
11		Cu.		Cu. ENE		Cu. ENE	A.-Cu.	Cu.	A.-Cu.	Cu.
12	Ci.-S.	Cu. E		Cu. E	Ci.	Cu.	Ci.	Cu.		Cu.
13	Ci.-S.	Cu. E	Ci.-S.	Cu.		Cu.-N. E	A.-Cu.	N.	A.-Cu.	Cu.-N. E
14	Ci.-S.	Cu.		Cu.-N. E	Ci.-S.	S.-Cu.	A.-Cu.	Cu.	Ci.-S.	Cu.
15	Ci.-S.	Cu. E		Cu.	A.-Cu.	Cu. NE	Ci.	Cu.	Ci.	Cu.
16		S.-Cu. EbyN		Cu. E		Cu. E		Cu. E		Cu. E
17	A.-Cu.	Cu.	Ci.-S.	Cu.-N.		N. NE	A.-Cu.	Cu.	A.-Cu.	Cu.
18	Ci.-Cu.	Cu. EbyN	A.-Cu.	Cu. E	Ci.-Cu.	Cu. E	Ci.-Cu.	Cu.	Ci.-Cu.	Cu.
19	A.-Cu.	Cu.-N. E	A.-Cu.	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu. E	A.-Cu.	N.
20	A.-Cu.	Cu.-N. E		Cu.	A.-Cu.	Cu. E	A.-Cu.	Cu.-N.	A.-Cu.	Cu. E
21	A.-Cu.	Cu.-N.		Cu. E		Cu. E	A.-Cu.	Cu.		Cu.
22		Cu.-N. L		Cu.-N. E		Cu.		Cu.		Cu.
23		Cu.-N.		N.		N.		N.		N.
24		N. ESE	Ci.-S.	Cu.-N.		Cu. E	Ci.-S.	Cu.	A.-Cu.	Cu.
25	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N E		N. E	Ci.-S.	Fr.-N. E	Ci.-S.	S.-Cu.
26		Cu.-N. E	A.-Cu.	Cu. E	A.-Cu.	S.-Cu. ESE	A.-Cu.	S.-Cu. E	A.-Cu. SE	S.-Cu.
27		Cu.		Cu.		Cu.-N.		Cu.	A.-Cu.	Cu.
28		Cu. E	Ci.	Cu. NE	Ci.	Cu. ENE	Ci.	Cu. ENE	A.-Cu.	Cu. N
29	Ci.	Cu.		Cu.		Cu.		Cu.-N.		Cu.
30	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. ENE	Ci.	Cu.	Ci.	Cu.
31	Ci.-S.	Cu.	Ci.-S.	Cu. ENE	Ci.-S.	Cu.	Ci.-S.	Cu.-N.	Ci.-S	S Cu.-N.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	Calm	Calm	N 1.5	Calm	Calm	Calm	Calm	Calm	Calm	SW 2	W 0.5	SW 2
2	Calm	Calm	Calm	Calm	NE 1.5	Calm	Calm	NE 1	NE 0.5	SE 1.5	ENE 2	WSW 2.5
3	NE 1.5	NNE 1	Calm	NE 1	Calm	Calm	Calm	NE 1	NE 1	WSW 1	WSW 2.5	WSW 4
4	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SSW 1	WSW 2.5	SW 1.5	WSW 2
5	E 1.5	Calm	E 1	Calm	Calm	Calm	Calm	Calm	Calm	WNW 4	N 3	NE 1.5
6	ESE 1.5	ESE 2.5	ENE 1.5	NE 1.5	Calm	NE 0.5	Calm	NNE 1	NW 3.5	WSW 1.5	SW 1	SW 2.5
7	Calm	Calm	Calm	ENE .5	ENE .5	NE .5	NE 0.5	Calm	E 3	Calm	ENE 4	E 3.5
8	ESE 1.5	E 1.5	ENE 2	E 1.5	Calm	NE .5	Calm	NNE 1	NNE 1.5	ENE 2	EbyN 5	E 5.5
9	Calm	Calm	Calm	Calm	Calm	Calm	Calm	ESE .5	WSW 2	WNW 2	WNW 4.5	W 3.5
10	E 2	ENE 1.5	NE 1.5	NE 1.5	NE .5	ENE .5	E .5	NE .5	WNW 2	NNE 1	W 4.5	W 4
11	Calm	Calm	Calm	NE 1	Calm	ENE 1	Calm	Calm	NE 1.5	ENE 1	NE 6	E 6
12	Calm	Calm	N 1	NNE 1	Calm	NE .5	NE .5	NNE 1	NNE 1.5	SW 3	WSW 3	WSW 5
13	ESE 2.5	E .5	NE 1	ENE 1	Calm	NE .5	NE 1.5	NNE .5	NNE 1	WNW 3.5	W 4	WSW 3
14	Calm	Calm	Calm	Calm	N .5	Calm	E .5	Calm	Calm	ENE 1	NNE 1	Calm
15	Calm	Calm	NE 1	NE .5	Calm	NE .5	Calm	NNE 1	NE 1	NW 2.5	W 3.5	WSW 3.5
16	Calm	NNE 1.5	NE .5	Calm	Calm	NNE .5	Calm	Calm	ESE 2	EbyN 1.5	Calm	Calm
17	Calm	Calm	Calm	Calm	Calm	N 1	Calm	N 1	Calm	NNE 2	NNW 2.5	NwbyW 1.5
18	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NW 2	Calm	WNW 3	WNW 3.5
19	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	W 1	WSW 4	WNW 2.5
20	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	W 3	WNW 1.5	W 1
21	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WNW 1	W 1.5	W 3.5	Calm
22	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SSW 2	WNW 2.5	W 3.5	WSW 4
23	Calm	Calm	Calm	Calm	Calm	ESE .5	Calm	NW 1	W 2.5	WSW 1	SW 1	SW 1
24	Calm	Calm	ENE 1.5	Calm	Calm	E 1	NE .5	Calm	Calm	Calm	NE 1	NNE 2.5
25	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NNE .5	NE 1	SSE 2.5	NE 2	E 2.5
26	E 2.5	E .5	NNE .5	NE .5	Calm	Calm	Calm	ESE 1	NE 1.5	NE 1.5	NE 5.5	W .5
27	E .5	ENE .5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WNW 2	W 1.5	W 4.5
28	Calm	NE .5	Calm	Calm	Calm	E .5	Calm	WNW 2	WNW 1	WNW 1	NE 1.5	Calm
29	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	W 2.5	WNW 2.5	W 4.5	NW 4
30	Calm	Calm	Calm	Calm	Calm	Calm	Calm	W .5	WSW 2	W 1	SW 1	WSW 1.5
31	SSE .5	Calm	Calm	Calm	Calm	Calm	SE .5	SE 1	WNW 1	SW 1	WSW 2	SW 2
Mean	0.5	0.3	0.4	0.3	0.1	0.3	0.1	0.5	1.2	1.7	2.7	2.6

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 a.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	W 4.5	WSW 2	SE 4.	NNE 4	NNE 0.5	ESE 2.5	ESE 2.5	ESE 2	SE 1.5	Calm	Calm	Calm	1.2
2	WSW 3.5	ESE 6	ESE 9.5	SE 5	ESE 5	E .5	Calm	Calm	Calm	E 1	ENE 1.5	NE 1.5	1.8
3	SW .5	SW 2	SE 6.5	SE 4.5	SE 7	ESE 4.5	ESE 5.5	E 2	SE 1.5	ESE 2	Calm	Calm	2
4	W 1	W 3.5	ENE 4.5	ENE 3	ENE 3	E 4	E 2.5	ESE 3.5	ESE 3.5	ESE 4.5	E 2.5	ESE 2	1.9
5	E 1.5	E 2	ESE 7.5	ESE 1	NW 2	SE 3.5	SE 4.5	ESE 2.5	ESE 2.5	ESE 2	ESE 2.5	ESE 2	1.9
6	Calm	SE 4	ESE 3.5	ESE 2.5	ESE 7	ESE 9	ESE 7	E 2	E 1.5	E 1.5	E 1.5	Calm	2.4
7	NE 2.5	NE 3.5	SE 7	SE 5	ENE 4	ENE 3.5	SE 2.5	ESE 2.5	E 1.5	E .5	ESE 1.5	E 2.5	2
8	ENE 7	NE 4	ENE 2	NE 2.5	NE 4	ENE 4	Calm	Calm	NE 1	NE .5	Calm	Calm	2
9	W 1.5	SE 7	SE 8.5	SE 7.5	SE 6	SE 3	ESE 3	E 2	E 2.5	E 2	ESE 2	E 2.5	2.5
10	W 2.5	ESE 3.5	E 1	ENE 5	ESE 3	ESE 2	E 1.5	ENE 1.5	Calm	Calm	Calm	Calm	1.7
11	NE 4.5	E 3.5	ENE 4.5	ENE 4	ENE 3.5	ESE 4.5	E 3.5	ENE 1.5	NE 3	E 1.5	Calm	Calm	2.1
12	WNW 1	ENE 5.5	E 3	NE 6	E 2	ENE 3	Calm	ESE 2	E 2	E 1.5	ESE 2.5	ESE 3	2
13	SW .5	SW .5	Calm	Calm	ESE 1.5	SE 3.5	SE 3	ESE 2.5	ENE 3	E 1.5	E 1.5	Calm	1.5
14	WSW 1.5	Calm	NNE 1.5	ENE 2	Calm	Calm	E 1	E 1.5	E 1	E 1.5	E 1.5	Calm	.6
15	WSW 2.5	SW 5	Calm	E 7.5	E 5	E 3	E 3	E 1.5	E 1	Calm	ENE 1.5	ENE .5	1.8
16	NNE 4.5	NE .5	N 3	NE 5	E 5	E 2	E 2	E 1.5	Calm	E 1.5	Calm	Calm	1.3
17	NW 3	NW 4	Calm	Calm	Calm	ESE .5	ENE 2	Calm	E 1	E 1.5	Calm	ENE 1.5	.9
18	W .5	W 2.5	Calm	ESE 6	EbyS 1	EbyS 1.5	E 1.5	E 1	Calm	Calm	Calm	Calm	.9
19	E 5	ENE 3.5	ENE .5	Calm	E 4	ESE 3	ESE 2	ESE 1.5	SE 1.5	ESE 2	Calm	Calm	1.3
20	WbyS 2.5	NbyW 3	N 1	Calm	NE 3	ESE .5	E .5	Calm	Calm	Calm	Calm	Calm	.7
21	W 2	WSW 3	NNE 3.5	Calm	ESE 5	ESE 4	E 2	E 1.5	Calm	E 1.5	Calm	Calm	1.2
22	SW 2.5	Calm	ESE .5	SE 7.5	SE 4	SE 2.5	ESE 2	E 2.5	E 1.5	E .5	Calm	Calm	1.5
23	Calm	Calm	SW 2	Calm	Calm	ENE .5	E .5	E 1.5	E 1.5	NE 1	N 2	N 1	.7
24	Calm	E 3	NE 9	ENE 2	ENE 1	E 1.5	E 1	E 1.5	E 1.5	Calm	Calm	Calm	1.1
25	ESE 2	ESE 1	ENE 4	Calm	Calm	Calm	ENE 1	ENE 1	Calm	Calm	ESE 3	E 3	1
26	W 2	NW 5.5	W 2	Calm	Calm	Calm	ENE .5	ENE 1.5	ESE 1.5	ESE 2	SE 1.5	ESE 1.5	1.3
27	WbyS 1.5	W 1	W 1	S 1	S 2	SSW 3.5	SSW 3	SSW 3.5	SSE 1.5	NNE 1.5	NE 2.5	NE 1	1.3
28	SSE 1	SSW 2.5	WSW 2	SW 1.5	WSW 1	ENE 1	E 3.5	E 2	E 1.5	Calm	Calm	Calm	.9
29	WNW 2	WSW 2	SW 1.5	SW 1	E 3.5	E 2.5	ESE 1	Calm	Calm	Calm	Calm	Calm	1.1
30	WSW 2.5	WSW 4	W 2	W .5	Calm	Calm	SSE 1.5	SSE 2.5	SSE 1.5	SSE 1.5	SSE 2.5	SSE 1.5	1.1
31	WSW 4.5	W 7	WSW 2	SW 1.5	SW 2.5	SSW 1	ESE 2.5	SE 2	SE 1.5	SE 1.5	SE 1.5	Calm	1.5
Mean	2.3	3	3.1	2.8	2.8	2.4	2.1	1.6	1.3	1.1	1	0.8	1.5

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	2	1	3	7	5	6	4	0	3	9	12	11
2	2	3	3.5	2.5	4	4	4.5	6.5	6.5	7.5	12	12
3	9	6.5	4.5	4	4	3	5	7	7	9	15	17
4	1	3.5	2	2	1	3	4	2	2	9	11	14
5	8.5	5.5	4.5	3.5	2.5	1.5	2	1.5	3.5	9	15	11
6	10	6	8	6	6	4	2	3	5.5	10.5	12	8
7	3	2	2	4	5	5	4.5	6	9.5	10	11	11
8	9	6	8	5	5	2.5	4.5	2	5	13	25	19
9	.5	2.5	3	3	3.5	3.5	2.5	3	4.5	9	16	17
10	8	6.5	7.5	5	5	5	5	3	4	12	18	15
11	5	4.5	3.5	3	4.5	2	2	3	3	9	21	21
12	1	4	5.5	5	3.5	3	4	5.5	4.5	3	13	15
13	9	6	5.5	5.5	4.5	3.5	4	6	5.5	5.5	18	9
14	3	2	1.5	1.5	3	5	5	5	2	7	9.5	6.5
15	5	4	6	5.5	5	4.5	4	5	4	5	12.5	12.5
16	5	4	5	3	4.5	3.5	3.5	3	5.5	7	9	5
17	2	4	4	4	3.5	5.5	1	.5	4.5	3	6	9.5
18	5	1.5	2.5	3	4.5	1	1	1.5	3.5	7	14	15
19	3.5	3.5	4	2.5	1.5	3.5	2.5	2	3	7	13	13
20	2.5	2	5	3	2	3	3	2	4.5	9.5	12	15
21	2	4	3.5	5.5	4.5	2	2.5	2	5.5	10.5	16	15
22	3.5	3.5	2.5	4	2.5	3	3	2	5	10	18	16
23	2	3	2.5	2.5	3	3	3	5	6.5	9.5	13	10
24	4	4	5.5	4.5	2	1	7	7	6	6	8	9
25	3	4	4	5	4	3	4	5	6.5	6.5	12	11
26	10	8	5	3.5	5	4	2	4.5	7	8	18	11
27	6	4	5	2	2	4	3	3	5	7	13.5	12
28	5	3	6.5	4.5	1.5	2	4	3	6	7.5	12	5
29	2	3	4	4	2.5	1.5	2	0	6	10.5	16	16.5
30	2.5	3.5	3.5	3	4	3	.5	1.5	8.5	10	14.5	13.5
31	6	4.5	1.5	3	2.5	2	4	5	6	9	14.5	15.5
Mean	4.5	4	4.3	3.9	3.6	3.2	3.3	3.4	5.1	8.2	13.9	12.6

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	4	8	7	3	4	4	5	5	6	7	4	2	4.9	7 25
2	4	1	1	4	4	4	3	4	7	2	1	1	3	10 15
3	2	0	0	0	1	3	7	7	4	4	2	2	2.7	9 45
4	7	3	3	4	4	6	6	7	7	6	2	2	4.8	7 25
5	8	10	10	10	10	10	10	9	8	8	9	9	9.2	1 50
6	7	2	3	6	10	9	8	8	6	8	2	1	5.8	6 05
7	7	8	5	8	6	9	9	5	6	5	2	2	6	6 00
8	2	2	3	3	2	8	7	3	4	1	1	1	3.1	9 45
9	3	2	3	3	5	7	7	7	7	9	9	8	5.8	7 05
10	6	3	3	3	5	7	6	7	7	4	2	2	4.6	8 55
11	7	7	6	9	9	8	7	8	8	4	4	2	6.6	6 10
12	3	3	4	5	8	8	9	10	8	8	9	2	6.4	6 00
13	8	8	8	8	9	9	9	10	10	10	9	10	9	2 15
14	7	5	9	10	10	10	10	10	10	10	9	9	9.1	0 05
15	3	3	3	4	6	6	7	6	5	6	2	3	4.5	8 25
16	7	4	4	8	9	10	10	9	9	7	6	7	7.5	3 30
17	10	10	10	10	10	10	10	10	10	7	7	6	9.2	0 05
18	9	8	7	7	7	8	8	7	6	6	6	6	7.1	3 50
19	3	3	4	7	8	9	8	6	6	6	7	5	6	5 50
20	7	5	5	6	7	7	9	7	7	5	5	3	6.1	6 55
21	5	1	4	9	7	8	5	5	6	3	2	1	4.7	8 25
22	2	1	3	5	5	6	7	7	4	1	1	1	3.6	9 25
23	3	1	3	9	9	10	10	10	10	10	10	10	7.9	1 30
24	8	10	10	8	9	10	10	10	9	10	10	9	9.4	0 35
25	8	9	9	9	9	10	10	10	10	10	9	10	9.4	0 00
26	10	10	10	9	10	7	6	8	8	8	8	7	8.4	2 25
27	7	3	4	6	5	6	3	2	2	3	3	3	3.9	10 20
28	4	2	2	8	7	8	5	6	7	7	7	5	5.7	7 25
29	4	3	3	5	3	4	5	2	3	4	3	4	3.6	8 35
30	3	0	1	1	1	1	3	4	4	3	7	6	2.8	8 30
31	8	5	8	3	5	6	5	7	7	6	8	6	6.2	7 15
Total														182 00
Mean	5.7	4.5	5	6.1	6.6	7.4	7.2	7	6.8	6.1	5.4	4.7	6	5 52

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon–1 p.	1–2 p.	2–3 p.	3–4 p.	4–5 p.	5–6 p.	6–7 p.	7–8 p.	8–9 p.	9–10 p.	10–11 p.	11–mdt.	Mean.
17	10	12	**17**	12	9	11	10	9	4	4	4	7.6
13.5	17.5	**22**	**22**	19	12	7	4	2	3	4	6	8.3
12	12	18	**19**	**19**	18	13.5	7.5	7	7.5	7.5	3.5	9.8
13	13	10	10.5	17.5	**18**	15	12	11	16	14	10	8.9
12	9	9	13	9	5	14	13	10	10	9	8	7.9
7.5	11.5	18	19	**21**	17	17	13	9	8	7	5	9.8
14	11	15	**20**	19	19	13	12	8	7	7	8	9.4
19.5	18.5	18	19	20	17	12.5	7.5	5	5	1	2	**10.4**
10	14	18	18	**21**	15	15.5	10	11	8.5	11	9	9.5
15	12.5	11.5	17	**18**	15	9	8	2.5	4	2	4	8.9
20	**22**	17	18	16	16.5	11.5	10	11	8	3.5	1.5	9.9
13.5	11.5	13	14	13	**15**	7	10	8	7	9	10	8.2
8	7	4	7	6	7	11	9	9	11.5	6.5	5	7.2
11.5	8.5	**14**	**14**	9.5	6.5	8	7	6	6	6	6	6.4
15	14	11.5	11.5	**20**	16	11	9	5.5	3.5	6	5	8.4
11	10	13	**19**	15	14	9.5	7.5	5	4	5	2	7.2
12.5	**15.5**	12	5.5	2	3	6.5	6.5	5.5	4.5	5	4.5	**5.4**
9.5	14.5	11	13	7.5	11.5	7	5	2	2	3	2	6.1
12	**18**	10	9.5	9.5	16	11	7	8	7	5.5	3	7.3
15	12.5	5	3.5	12.5	11.5	5.5	4.5	4	5	2	1	6.1
12	14	15	7	11	15	10	8	6.5	5.5	4	4	7.7
13.5	8.5	7	15	**20**	19	9	9	7	5	4	2	8
6	7	5	8	2	6	5	10	5	5	6	8	5.7
8	18	**21**	16	13	8	6	7	7	4	4	3	7.5
11	9.5	**17**	4.5	4.5	5.5	5.5	4	4	2	8.5	13	6.5
17	**19**	13	9	6	5	5	6	6	7	8	7	8.1
14.5	9.5	10	10	13	14.5	**15.5**	13	13	6.5	9	7.5	8.4
10	10	11	**12**	10	8	11	**9**	8	6	2	3	6.7
14	13	10	7.5	11.5	9.5	**9**	5	3	2	3.5	5	6.7
15	14	13	10	8	5.5	11.5	13.5	6	7	10	**9**	7.9
15.5	14	13.5	12	9	13	12.5	8.5	5	7	7	4.5	8.1
12.8	12.9	12.8	12.9	12.7	12	10.2	8.6	6.7	6.1	5.9	5.3	7.9

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	1	2				3	2				2	1	2				11	182	4.6	
2			4	2	2	3	2					2					9	200	5.6	
3		1	4		1	3	4				2	3					6	235.5	6.3	
4				3	3	4				1	1	2	2				8	214.5	5.5	
5	1		1		4	7	2							1	1		7	189	4.5	
6		1	2	1	4	7	1				2	1			1		4	234	5.6	
7			4	5	5	2	3										5	226	6.5	
8		2	6	5	4	1						1	2	2			6	249	7	
9					4	3	5						3	1			7	229	5.7	
10		1	4	4	4	3											4	212.5	6.1	
11			5	6	4	1					1	2		1			8	236.5	6.3	
12	1	3	3	2	4	3	2				2	1	1	1			4	198	4.9	
13		2	3	2	3	3						1					4	173	2.9	2.2
14	1	2		2	6						1	2	1		1		12	154	3	1.5
15		1	4	2	6												6	201	5.3	
16	1	3	3		6	1									3	1	10	173	4.2	3.6
17	2	1		2	2	1							2	2	1		12	130.5	.9	7
18					2	3							1	1			14	147.5	3.9	.1
19				2	2	4	1					1	1	1			12	175.5	3	2.1
20	2		1		1	1							3	1			15	145.5	3.5	
21		1			3	2						1	3	1			13	185	4.8	
22					3	2	3			1	1	1	1	1			11	192	5.2	
23	2		1	1	3	1					3	1	1		1		10	136	1.5	5.9
24		1	3	3	6												11	179	2.6	21.6
25		1	2	3	2	3		1									12	157	1.7	3.6
26		1	4	2	2	4	1						3		1		6	194	3.3	
27		1	2	1	1			1	2	3			5	1			7	202.5	4.6	
28			2	1	4			1		1	1	2		3			9	160	4.7	
29					2	1					2	1	2	2	1		13	161	4.8	
30								6			1	4	4				9	190.5	5	
31						1	6	1		1	4	3	1	1			6	195	4.8	
Total	11	24	58	49	93	67	32	10	2	7	23	30	37	19	10	1	271	5,858	138.3	47.6
Mean	0.4	0.8	1.9	1.6	3	2.2	1	0.3	0.1	0.2	0.7	1	1.2	0.6	0.3	0	8.7	189	4.5	1.5

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°C.		*Per cent.*	*mm.*	*mm.*		°C.		*Per cent.*	*mm.*
1	760.15	9.00a.	32.7	2.55p.	90	20.1	756.45	3.10p.	20.8	5.20a.	56	16.7
2	59.45	9.05a.	32.9	1.50p.	92	19	56.30	2.55p.	21.7	4.25a.	46.5	16.8
3	60.05	9.15a.	33.3	3.05p.	94	19.7	56.15	4.15p.	20.4	5.55a.	52	17.2
4	**58.89**	9.00a.	33.1	2.40p.	**86**	20.5	**55.75**	3.45p.	**23**	6.45a.	55	17.5
5	59.95	9.30a.	32.5	4.05p.	92	20.1	56.30	4.25p.	22.8	5.10a.	54	18.1
6	60.40	9.35a.	32.8	1.25p.	90	19.7	57.10	4.25p.	21.7	6.25a.	50	16.8
7	60.65	9.10a.	32.2	11.10a.	88	**17.7**	57.40	3.15p.	20.4	5.45a.	50.5	15.7
8	59.90	9.05a.	**33.8**	2.40p.	90	17.8	56.10	3.40p.	20.2	5.40a.	**42**	14.8
9	59.56	9.00a.	33	2.50p.	88	19.4	56.35	3.25p.	21.8	5.50a.	53	17.1
10	60.25	8.35a.	33.3	2.15p.	89	20.1	56.30	3.05p.	20.9	5.35a.	48	16.4
11	60.45	9.15a.	33.4	1.55p.	95	18.6	57.30	4.05p.	21.5	3.40a.	46	16.3
12	59.70	8.30a.	32.1	3.35p.	93.5	20.1	56.85	3.45p.	20.2	5.05a.	54	16.5
13	60.20	9.40p.	30.7	0.25p.	**97**	22	57.47	3.00p.	20	4.25a.	57	16.9
14	61.05	9.10a.	30.6	4.40p.	96	19.9	58.65	3.40p.	21.8	3.55a.	61	18.3
15	62.40	9.05a.	33.4	3.05p.	95	18.9	59.15	3.15p.	**19.6**	6.05a.	46	**14.7**
16	61.80	8.45a.	31.4	1.20p.	91	18.5	58.75	3.30p.	20.2	6.05a.	52	15.5
17	62	9.25a.	29.6	2.40p.	96	22	58.65	3.00p.	22.2	2.20a.	**76**	18.7
18	61.30	9.15a.	31.9	10.15a.	94	21.9	58.70	4.05p.	22.5	6.05a.	59	18.1
19	60.85	8.30a.	31.6	2.35p.	96	**22.7**	58.05	3.15p.	21.7	6.10a.	60	18.7
20	61.45	9.00a.	32.5	4.35p.	95	20.6	58.30	3.15p.	21.8	6.15a.	58	18.1
21	61.80	10.15a.	32.4	4.15p.	95	19.9	58.70	3.35p.	20.8	6.05a.	50	16.7
22	62.67	9.00a.	32.4	3.10p.	93	19.6	59	4.45p.	21	6.05a.	53	17.3
23	61.55	9.10a.	30	11.20a.	93	21	59.46	4.35p.	21.4	6.10a.	65	17.4
24	61.40	9.20a.	29.8	10.50a.	90	19.7	58.73	4.00p.	21.9	2.05a.	60	17.3
25	61.90	9.05a.	**28.5**	2.10p.	92	20.1	59.50	5.00p.	21.5	1.30a.	67	17.8
26	61.25	8.35a.	30.2	11.50a.	92	20.2	58.75	3.45p.	22.2	5.10a.	62	18
27	61.60	10.25p.	32.7	3.40p.	91	20.8	58.35	2.50p.	22.3	4.20a.	54	18.4
28	62.40	9.50a.	32.9	3.35p.	94	19.8	**59.77**	4.00p.	22.1	5.20a.	54.5	17.9
29	**63.10**	9.00a.	32.8	3.55p.	92	20.3	59.20	4.35p.	21.7	6.15a.	56	17.5
30	61.79	9.00a.	32.3	3.40p.	93	20.5	57.95	4.05p.	21.5	5.50a.	54	17.9
31	61.55	9.20a.	32.6	4.10p.	**97**	21.9	57.85	3.50p.	22.5	5.45a.	54.5	**18.8**
Mean	761.01	-------	32	-------	92.6	20.1	757.85	-------	21.4	-------	55	17.2

DAILY GENERAL REMARKS.

1---Cloudy weather.
2---Somewhat gusty SEly winds in the afternoon.
3---☌, ☰° early in the morning.
4---Cloudy weather.
5---Overcast.
6---Somewhat gusty ESE winds in the evening.
7---Cloudy weather.
8---Do.
9---Somewhat gusty SE winds in the afternoon.
10---Cloudy weather.
11---Do.
12---Do.
13---● in the afternoon and evening.
14---☌ early in the morning; ● in the forenoon; d° 2.30 p. m.
15---☌ early in the morning.
16---Overcast.
17---☰° in the morning; ● in the morning and afternoon.
18---d° in the morning.
19---●, ◠ in the afternoon.
20---◹ N in the afternoon.
21---Cloudy weather.
22---Do.
23---● in the afternoon; d in the evening.
24---● at noon and in the afternoon.
25---d° in the forenoon; ● in the afternoon.
26---d° in the morning.
27---Cloudy weather.
28---Do.
29---Do.
30---Convergence of Ci. toward S in the afternoon; ∪ in the evening.
31---Convergence of Ci. toward W in the morning and toward SSE in the afternoon; ◹ W, ∪ in the evening.

OBSERVATIONS FOR APRIL, 1917.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	59.95	59.70	59.60	59.70	60	60.24	60.84	61.19	**61.38**	61.12	60.52	59.76
2	59.85	59.20	59.10	59.20	59.35	59.74	60.13	60.68	**60.78**	60.47	60.16	59.34
3	59.30	58.85	58.45	58.50	58.90	59.08	59.66	60.19	**60.31**	60.08	59.82	59.14
4	59.35	59	58.75	58.75	59	59.24	59.80	60.23	**60.28**	60.19	59.86	59.42
5	59.70	59.25	59.15	59.20	59.30	59.52	60.22	**60.92**	60.89	60.63	60.11	59.47
6	59.35	59.05	58.55	58.45	58.55	58.60	59.16	59.61	59.74	59.62	59.45	58.97
7	59	58.50	58.20	58.20	58.30	58.71	59.16	59.73	**59.80**	59.74	59.44	58.72
8	58.50	58.20	57.75	57.40	57.45	57.60	58.39	58.67	58.82	58.65	58.50	57.93
9	58.15	57.90	57.85	57.80	58	58.32	58.76	59.30	59.40	59.24	59.03	58.47
10	59	58.75	58.70	58.40	58.35	58.61	59.20	59.80	**59.99**	**59.99**	59.53	58.82
11	58.10	57.80	57.45	57.15	57.30	57.68	57.71	**58.24**	**58.24**	58.10	57.75	57.21
12	57.15	56.80	56.45	56.35	56.70	57.23	57.80	58.14	**58.21**	58.03	57.55	56.90
13	57.25	56.95	56.50	56.60	57.05	57.85	58.57	58.97	58.99	58.95	58.71	58.05
14	58.80	58.55	58.15	58.20	58.45	58.74	59.23	59.82	59.72	59.56	59.24	58.69
15	59.20	59.05	58.50	58.40	58.60	58.91	59.39	**59.47**	59.39	58.98	58.61	58.07
16	57.50	57	56.95	56.90	57.20	57.77	58.20	58.62	**58.78**	58.59	58.26	57.55
17	57.30	57.20	56.95	56.95	57.35	57.77	58.39	58.75	**59.19**	58.99	58.32	57.81
18	58	57.50	57.15	57.35	57.60	58.07	58.67	59.30	**59.42**	59.18	58.81	58.06
19	58.80	58.20	57.85	57.90	57.60	57.54	58.40	58.88	59.14	58.89	58.70	57.92
20	58.55	58.20	57.40	57.30	57.55	57.90	58.40	58.74	**58.84**	58.73	58.33	57.84
21	57.75	57.60	57.25	57.20	57.35	57.68	58.18	**58.62**	58.43	58.24	57.91	57.30
22	57.95	57.40	57.20	57.15	57.20	57.40	58.19	58.83	**58.89**	58.67	57.99	57.40
23	57.30	56.85	56.45	56.35	56.50	56.94	57.52	58.07	**58.23**	57.92	57.81	57.40
24	57.85	57.50	57.05	57.15	57.55	57.98	58.57	59.03	**59.23**	59.12	58.85	58.20
25	58.80	58.60	58.15	58	58.20	58.48	59.19	59.53	59.52	**59.56**	59.35	58.66
26	58.10	57.70	57.35	57.35	57.70	58.07	58.89	**59.55**	59.28	58.89	58.47	58.05
27	57.85	57.35	57.25	57.20	57.75	58.15	58.57	58.94	**59.14**	58.88	58.43	57.93
28	57.50	56.95	56.70	56.75	57.05	57.73	58.37	58.82	**58.93**	58.54	57.93	57.32
29	57.45	57.20	57.15	57.10	57.35	57.53	58.12	**58.33**	58.18	57.95	57.59	56.96
30	56.60	56.45	56.30	56.60	56.85	57.16	57.65	58.14	58.21	58.01	57.51	56.87
Mean	58.33	57.98	57.68	57.65	57.87	58.21	58.78	59.24	**59.31**	59.12	58.75	58.14

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24.2	23.6	23.2	22.9	23.1	**22.8**	25.4	27.6	29.2	29.6	30.6	30.7
2	24.8	24.2	23.5	23.3	22.8	**22.5**	24.9	28.2	28.5	29.6	30.1	30.5
3	24.4	23.9	23.7	23	**22.7**	22.8	24.7	27.1	29	29	30	30.4
4	24.2	23.7	23.4	23.2	23	**22.8**	23.8	28	29.8	28.7	29.5	30.6
5	23.9	23.2	22.5	22.3	22.1	**21.8**	24.7	28	28.8	29.8	30.2	29.9
6	24.1	23.4	22.8	22.5	22.1	**22**	23.4	27.4	28.7	29.6	29.3	29.9
7	23.9	22.9	22.6	22.3	22.1	**21.8**	24.4	27.9	29.1	29.7	30.5	31.1
8	25.6	25.2	24.9	24.2	23.8	23.7	25.4	27.9	28.7	28.8	29	**31.5**
9	23.5	23.3	23.4	23.4	23.3	**23**	25.8	28.4	28.8	29	29.8	30.1
10	24.9	24.6	24.5	23.9	23.8	**23.7**	26.2	27.8	28	28.8	29.9	31
11	25.3	24.8	24.3	23.8	23.7	**23.1**	25.5	28	29.3	28.4	29.4	29.7
12	25.9	25.2	24.6	24.1	23.7	**23.3**	26	28.9	30.2	31.3	32.1	33.3
13	26	25.1	24.6	24.3	23.9	**23.8**	26.4	29.3	30.9	31.6	32	33.2
14	24.4	24.3	24.4	24.4	24.1	**24**	25.8	28.8	28.6	29.5	30.2	30.4
15	24.8	24.7	24.2	**23.8**	**23.8**	**23.8**	26	28.1	29.3	30	30.3	30.7
16	26.4	26.4	25.7	25	**24.9**	**24.9**	27.8	28.4	29.5	30.5	30.6	31.5
17	26.3	26.6	25.8	24.9	24.7	24.4	26.3	28.3	29.5	30.8	30.9	31.5
18	24.1	24	24	23.9	**23.8**	23.9	25.4	28.5	30.1	30.1	31	32
19	24.5	24.7	24.5	24.6	24.3	**24.1**	26.5	29.3	29.7	31	32.1	33.3
20	25.9	25.8	25.2	24.9	24.5	**24.4**	26.7	28.9	30.1	29.4	30	30.9
21	24.4	24.2	23.7	23.4	**23.3**	23.4	26	28.3	28.9	30.6	31.3	31.5
22	23.8	23.5	22.8	22.4	21.9	**21.8**	25.3	27.8	30	31.1	31.9	31.6
23	25.2	24.6	24	23.5	**23.3**	23.5	26.3	29.2	31.1	31.2	31.7	32.2
24	25.5	25.4	**25**	25.1	25.3	25.4	27.3	30.2	31.4	32.1	32	32.9
25	26.5	26.3	25.6	25.2	25.2	**24.8**	27.1	28.2	30.3	31	31.7	32.2
26	26.4	25.2	24.8	24.5	**24.3**	24.4	25.3	26.9	30.1	31.5	32.1	30.5
27	26.7	26	25.5	25.2	25.4	**25**	27.4	28.6	28.9	29.8	30.2	30.6
28	25.4	25.2	**25**	25.3	**25**	25.7	26.5	28.1	29.7	31.4	**32.1**	31.3
29	26	25.8	25.6	25.1	24.9	**24.5**	26.1	28.9	30.1	30.8	31.2	32.2
30	24.9	24.4	24.2	24.2	24.3	**24.1**	26.2	28.5	30.2	31.7	32.5	33.2
Mean	25.1	24.7	24.3	24	23.8	**23.6**	25.8	28.3	29.6	30.2	30.8	31.3

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
58.87	58.06	57.86	**57.50**	57.92	58.54	59.20	59.75	60.10	60.30	60.35	60.15	**59.69**
58.41	57.54	57.27	**56.97**	57.26	57.86	58.58	58.75	59.40	59.80	59.85	59.75	59.14
58.34	57.27	56.91	**56.69**	56.91	57.46	58.10	58.70	59.50	59.90	59.85	59.60	58.81
58.63	57.76	57.22	**57.12**	57.32	57.73	58.49	58.90	59.50	60	60	59.90	59.02
58.59	57.92	57.02	**56.91**	57.06	57.57	58.10	58.70	59.35	59.85	59.85	59.60	59.12
58.17	57.30	57.01	**56.87**	57.26	57.78	57.90	58.80	59.40	**59.90**	59.75	59.30	58.69
57.56	56.70	56.47	**56.06**	56.21	56.96	57.45	58.15	58.70	59.35	59.40	59	58.31
57.85	57.27	57.03	**56.52**	56.82	56.95	57.60	58.40	59.05	**59.45**	59.20	58.70	58.03
57.19	56.51	**56.22**	56.34	56.46	56.97	57.73	58.30	58.90	59.10	**59.65**	59.50	58.13
57.57	56.57	**56.37**	56.81	56.83	56.87	57.49	58	58.55	58.70	58.80	58.60	58.35
56.36	55.72	55.47	**55.40**	55.45	55.98	56.37	56.50	57.35	57.60	57.70	57.45	57.09
55.77	55.01	54.83	**54.75**	54.86	55.92	56.35	56.80	57.55	57.95	57.85	57.55	**56.77**
57.08	56.65	**56.28**	56.36	56.40	56.81	57.91	59	58.90	59.05	**59.15**	58.90	57.79
57.70	57.14	**56.45**	56.48	56.60	57.70	58.55	58.85	59.70	59.95	**60**	59.55	58.58
56.96	56.17	55.82	**55.61**	55.90	56.70	57.40	58	58.20	58.45	58.50	58.05	58.01
56.73	55.95	55.91	**55.59**	55.69	56.16	56.82	57.25	57.85	57.95	57.85	57.70	57.28
56.95	56.42	56.25	**55.96**	56.15	57	57.30	57.70	58.30	58.80	58.70	58.55	57.63
57.01	56.19	**55.64**	56.10	56.09	56.90	57.35	57.80	58.55	59.25	59.35	59.10	57.85
57.02	56.10	55.64	55.53	**55.50**	56.20	57.22	57.90	58.60	**59.40**	59.35	59.05	57.81
57.10	56.20	55.63	55.23	**55.20**	56.12	57.07	57.60	58.05	58.30	58.15	57.90	57.51
56.35	55.69	55.30	**55.29**	55.48	56.02	56.70	57.35	57.85	58.30	58.25	58.25	57.26
56.47	55.79	55.26	**55.11**	55.20	55.72	56.30	56.95	57.55	57.85	57.90	57.55	57.16
56.54	55.81	55.29	**55.12**	55.49	56.08	56.48	57.25	57.95	58.20	58.10	58	56.99
57.34	56.39	**56.18**	56.66	56.29	57.10	57.81	58.10	58.90	59.10	59.10	58.90	57.91
57.72	57.04	56.58	56.64	**56.40**	57.10	57.67	57.95	58.70	58.80	58.75	58.30	58.24
57.42	56.86	56.50	**56**	56.19	56.55	56.75	57.35	57.90	58.20	58.25	58.20	57.73
57.25	56.72	56.32	**56.15**	56.31	56.61	57.12	57.50	57.90	58.20	58.20	58	57.66
56.67	55.97	56.04	56.15	**55.90**	56.31	56.98	57.15	57.85	58	58.25	57.85	57.32
56.37	55.65	55.46	**54.91**	55.02	55.55	56	56.60	57.25	57.55	57.50	56.90	56.90
56.10	55.75	55.85	**55.45**	56.26	56.84	57.20	57.90	58.25	**58.35**	58.30	57.95	57.11
57.27	56.54	56.20	**56.08**	56.21	56.80	57.40	57.93	58.52	58.85	58.86	58.59	57.93

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
30.8	30.7	30.7	32.1	**32.6**	29.3	27.9	27.3	26.2	25.7	26	25.7	27.4
31.3	**31.7**	**31.7**	31.6	30.9	29.8	28.2	27.2	26.6	26.1	26.1	25.2	27.5
31.1	32.2	**33.1**	31.8	30.5	29.2	27.9	27.4	26.7	26	25.6	24.7	27.4
31	**32**	31.9	31.7	30.3	28.6	27.4	26.4	25.5	24.9	25.1	24.5	27.1
31.6	31.3	**33.4**	32.5	31.5	29.6	28.1	27.1	26.2	25.7	25.5	25	27.3
31	31.8	31.5	**31.9**	31.1	29.3	27.7	27.1	26.4	25.7	25.4	24.7	27
31.3	**32.1**	30.9	31.6	29.6	29	27.7	26.9	26.3	26.2	26.2	26.2	27.2
24	25.3	25.7	26	26.5	25.9	25.1	24.7	24.6	24.8	24.4	**23.6**	**25.8**
31.5	33.4	**33.5**	32.7	30.6	29.2	28	26.8	26.6	26	26	25.4	27.6
32.1	31.7	**33.1**	29.7	29.3	29.3	28.5	27.8	27.2	26.9	25.9	25.6	27.7
31.9	**32.4**	31.8	30.8	31.1	29.7	28.6	27.4	27	26.8	26.4	26.4	27.7
34	33.7	32.1	31.7	31.5	29.3	27.7	27.7	27.7	27.8	27.2	26.9	28.6
33.8	33.1	31.8	31.5	30.3	29.9	27.8	25.3	25.1	24.8	24.6	24.5	28.1
31.6	32	**32.4**	32	31.5	29.7	29.1	27.8	26.8	26.1	25.3	25.1	27.8
31.4	31.6	31.6	**31.7**	30.7	29.4	28.8	28.7	28.5	28.3	27.3	26.6	28.1
32	31.5	31.7	31.7	30.6	29.3	28.9	28.8	28.8	28.1	26.8	26.5	28.6
31.7	**32.7**	31.6	32.2	31.1	30	29	27.7	28	25.7	24.9	**24.3**	28.3
32.2	33.1	**33.6**	32.1	31.1	30	28.8	28.2	27.9	27.1	26.7	24.5	28.2
33.4	33.9	**34**	33.7	31.8	30.6	29.5	28.4	26.6	26.5	26.3	26	28.7
32.3	33	33.9	**34**	32.2	30.3	28.8	27.4	26.9	26.2	26.1	24.9	28.4
32.5	32.8	**33.5**	31.6	31.5	30	28.3	27.5	26.5	26.3	25.9	24.8	27.9
32.6	33.6	**33.9**	33.7	32.1	29.7	29	28.2	27.2	26.9	26.5	25.7	28
33.5	34.1	34.6	**34.9**	32.2	30.8	29.9	29.1	28.3	27.8	26.9	26.1	**28.9**
33.3	33.8	**33.9**	29.8	28.3	28.1	27.5	28.5	28.1	26.6	26.4	26.2	28.7
32.7	31.4	**33.6**	30.7	28.8	28	27.2	27	26.9	26.5	26.1	26.4	28.3
32	32.4	32.2	**32.5**	31.3	29.6	28.3	27.9	27.2	27	27.3	26.7	28.4
31.4	31.7	**32.1**	31.5	31.2	29.7	29.2	29	27.7	26.8	26.3	25.8	28.4
31.7	32	32	29.5	30.3	28.9	28.7	27.7	26.9	27	26.5	26.5	28.3
32.3	**32.5**	27.2	30.7	30.3	29	27.4	26.9	26.1	25.9	25.9	25.6	28
33.5	**33.6**	29.5	30.4	29.3	28.9	27.9	27.2	26.6	25.9	25.4	24.9	28
31.8	**32.2**	32.1	31.6	30.7	29.3	28.2	27.5	26.9	26.4	26	25.5	27.9

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	86	90	91	91	86	87	74	67	60	60	58	58
2	83	84	89	90	92	92	80	70	73	69	65	64
3	87	90	89	91	92	91	83	76	71	71	68	66
4	86	89	90	91	90	90	87	70	65	69	64	61
5	86	87	91	91	92	93	79	66	61	60	60.5	63
6	84	88	89	89	91	91	88	73	66	63	64	63.5
7	78	85	86	88	88	89	79	68	66	64.5	61	58
8	84	84	85	89	91	91	81	71	69	74	74	64
9	97	98	97	97	97	97	84.5	75	73	73	71	69
10	90	91	91	93	94	94	82	76	74	71	69	65
11	85	88	91	91	90	94	83	77	72	75	73	71
12	81	84	87	90	90	91	81	69	66	62	59	55
13	83	87	88	89	90	90	78	68	64	60	59.5	55
14	94	95	93	93	94	95	88	75.5	79	75	73.5	70
15	92	92	94	95	95	95	83	78	74	72	67	66
16	87	87	92	94	95	95	83	83	75	72	71	65
17	85.5	81	85	91	91	92	84	73	70	65	67	65
18	95	94	95	96	97	97	90	77.5	73	74	69	65.5
19	95	93	94	94	95	96	86	77	75	68	60	55
20	86	85	90	92	95	95	83	76	70	72	69	64
21	87	86	91	92	92	91	82	74	73.5	67	64.5	62
22	85.5	85	89	90	91	91	79	70	62	61	56.5	57
23	87	87	89	90	88	86	75	66	61	62	59	60
24	86	85	87	85	86	86	81	70	64	61	59	57
25	81	84	88	88	87	89	80	76	68	66	64	62
26	83	89	90	92	92	92	89	83	67	61	60	66.5
27	84	89	91	92	91	95	81	75	75	74	73	68
28	91	92.5	94	92	95	90	87	79	67	59	63	64.5
29	87	88	89	91	91	93	89	73.5	68	65	64	60
30	89	91	91	91	91	91	82	74	67	61	58	54
Mean	86.8	88.3	90.2	91.3	91.6	92	82.7	73.6	69	66.9	64.8	62.5

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	19.4	19.4	19.3	18.9	18.1	17.9	17.7	18.4	18	18.5	18.9	19
2	19.4	18.8	19.1	19	19	18.6	18.8	20	21	21.1	20.8	20.7
3	19.8	19.8	19.3	19	18.9	18.8	19.1	20.3	21.1	21.1	21.4	21.2
4	19.2	19.3	19.3	19.3	18.8	18.6	19.1	19.7	20.3	20.1	19.7	19.8
5	18.9	18.4	18.4	18.2	18.2	18	18.2	18.6	18.1	18.6	19.3	19.7
6	18.7	18.8	18.3	18.1	18	17.9	18.8	19.7	19.3	19.3	19.5	19.9
7	17.2	17.7	17.5	17.5	17.5	17.3	18	19	19.8	20	19.7	19.5
8	20.6	20.1	19.9	19.9	19.8	19.9	19.6	19.8	20.2	21.8	22	22
9	21	20.9	20.8	20.8	20.5	20.3	20.8	21.5	21.4	21.6	22	21.8
10	21	20.8	20.7	20.5	20.6	20.5	20.8	21	20.9	20.8	21.5	21.9
11	20.4	20.5	20.5	20	19.5	19.7	20.1	21.5	21.9	21.5	22.2	21.9
12	20.2	20.1	20.1	20	19.5	19.4	20.2	20.3	21.1	21	21	21
13	20.7	20.5	20.3	20.1	19.8	19.7	19.9	20.5	21.1	20.9	21	20.7
14	21.3	21.4	21.2	21.2	21	21	21.6	22.2	23	22.8	23.4	22.7
15	21.3	21.2	21.1	20.8	20.8	20.8	20.7	22	22.5	22.7	21.5	21.7
16	22.3	22.3	22.5	22.1	22.2	22.2	23.1	23.9	22.8	23.2	23.1	22.2
17	21.7	21	21.1	21.2	21	21	21.3	20.9	21.6	21.6	22.4	22.2
18	21.1	20.8	21	21.1	21.2	21.3	21.7	22.4	23.3	23.5	23.2	23.2
19	21.7	21.5	21.5	21.6	21.4	21.4	22.2	23.4	23.1	22.7	21.4	20.9
20	21.4	21.1	21.4	21.4	21.7	21.6	21.7	22.4	22.2	21.8	21.7	21.3
21	19.8	19.4	19.7	19.7	19.6	19.5	20.6	21.1	21.7	21.9	21.9	21.3
22	18.7	18.2	18.3	18.2	17.8	17.7	18.9	19.5	19.7	20.3	19.8	19.9
23	20.7	19.9	19.7	19.3	18.7	18.5	19	19.9	20.6	20.9	20.6	21.3
24	20.9	20.6	20.4	20.1	20.6	20.7	21.7	22.4	21.8	21.8	20.9	21.1
25	20.8	21.3	21.4	21.1	20.7	20.7	21.2	21.6	21.9	22.1	22.3	22.2
26	21.3	21.2	20.9	21.1	20.9	21	21.4	21.7	21.2	20.9	21.4	21.5
27	21.9	22.1	22	21.8	21.9	22.4	22.1	21.9	22.1	23.1	23.2	22.1
28	21.9	22	22.1	21.9	22.4	22.1	22.4	22.4	20.6	20	22.2	21.9
29	21.7	21.6	21.8	21.5	21.2	21.3	22.2	21.7	21.6	21.6	21.8	21.6
30	20.9	20.8	20.5	20.5	20.6	20.4	20.8	21.4	21.3	21.2	21.1	20.5
Mean	20.5	20.4	20.3	20.2	20.1	20	20.5	21	21.2	21.3	21.4	21.2

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
59	60	60	57	**53**	60	63	67	74	78	77	78	**70.6**
63	60	60	**59**	62	69	72	75	77	80	79	83	74.6
62	57	**50**	55	60	62	67	70	74	78.5	79	84	73.9
59	51.5	**48**	49.5	53	62	68	74	79	79	79	82	72.3
59	60	**50.5**	56	59	64	70	75	78	77	77.5	79.5	72.3
62	58	53	**48**	**48**	57	65	68	70	74	73	76	70.9
58.5	60	63	64	72	73	77	80	83	82	82	82	74.5
97	93	92	92	90	93	93	95	94	92	93	**98**	**86.6**
62	53	**52**	55	61	68	77	83	82	84	84	87	78.2
61	63.5	**59**	70	74	70	74	77	79	79	85	86	77.8
60	**54**	55	59	58	63	68.5	75	75	77	80	80	74.8
50	51	66	66	62	76	79	79	77	74	77	77	72.9
50	57.5	65	69	74	73	78	93	93	93	93	**94**	76.8
64	63	**62**	64	67	75	74	79	85	87	90	91	80.2
61.5	65	65	65	67	73	75.5	76	77.5	77	85	86	78.2
64	66	66	66	70	75	76	77	77	79	86	86	78.6
63	59	63	**56**	63	64	69	77	75	87	**92**	91	75.4
65	59	**58.5**	64	65	69	74	77	80	81	80	94	78.7
55	**51.5**	52	52	56	62	68.5	71	82	81	84	87	74.6
58	55	52	**48**	50.5	57	64	70	74	76	76	83	72.5
58	57	**51**	54.5	54	62	68	70	75	77	78	82	72.9
54	51	**50**	52	55	69	66	70	77	77	78	84	70.8
54	51	50	**48**	62	67	71	71	76	78	83	85	71.1
55	56	**52**	61	73	74	79	73	77	83	83	84	73.2
62	65	**57**	61	80	84	84	83	82	83	85	84	76.8
64	63	64	**60**	66	71	75	77	81	83	81	85	76.4
63	61	**58**	60	61	71	71.5	74	79	83	85.5	88	76.8
65	63	64	64	66	73	71	77	82	80.5	84	83	76.9
61.5	**60**	81	65	68	74	78	80	85	84	85	86	77.8
53	**53**	70	66	66	70	76	81	82	86	86	88	75.7
60.8	**59.2**	59.6	60.2	63.8	69.3	73.1	76.5	79.4	81	82.7	85.1	75.4

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
19.3	19.6	19.8	**20.1**	19.3	18.1	**17.7**	18	18.7	19	19.2	19.2	18.8
21.3	21	21	20.3	20.7	**21.4**	20.4	20	20	20.1	19.9	19.9	20.1
21	20.3	18.7	19.1	19.4	**18.6**	**18.6**	18.9	19.4	19.6	19.3	19.5	19.7
19.6	18.2	**16.9**	17.2	**16.9**	18	18.6	19	19.1	18.6	18.6	18.8	18.9
20.4	**20.5**	19.3	20.3	20.1	19.9	19.8	19.9	19.7	18.9	18.8	18.7	19.1
20.6	20.2	18.3	16.9	**16.3**	17.2	18	18	18	18.1	17.6	17.6	**18.5**
19.8	21.2	20.9	**22.1**	**22.1**	21.6	21.2	20.9	21.2	20.8	20.6	20.6	19.7
21.6	22.3	22.5	22.9	**23.2**	23	22.1	21.9	21.6	21.5	21.2	21.3	21.3
21.3	20.4	19.9	20.4	**19.8**	20.5	21.5	21.6	21.1	21	21	20.9	21
21.8	22	22.3	21.6	**22.5**	21.3	21.4	21.4	21.2	20.8	21	21	21.2
21.1	19.4	**19.3**	19.6	19.5	19.5	19.9	20.3	20	20.1	20.5	20.5	20.4
19.6	20	**23.3**	23.2	21.3	22.9	21.9	21.6	21.2	20.6	20.6	20.4	20.9
19.5	21.6	22.7	23.7	**23.8**	22.7	21.6	22.2	22.1	21.7	21.4	21.5	21.2
22.1	22.1	22.5	22.8	23	**23.4**	22.2	21.8	22.2	21.8	21.6	21.5	22.1
21	22.4	22.5	22.5	22.1	22.2	22.2	22.2	22.4	21.9	**22.9**	22.3	21.8
22.7	22.6	22.9	22.9	23	22.7	22.5	22.6	22.6	22.2	22.4	22.2	**22.6**
21.9	21.7	21.7	**20.1**	21.2	**20.1**	20.7	21.2	21.1	21.3	21.4	20.6	21.2
23.3	22.3	22.6	22.9	21.8	21.8	21.8	22	22.3	21.6	20.9	21.5	22
21	20.2	20.4	20.2	**19.7**	20.1	20.9	20.4	21.1	20.8	21.3	21.7	21.3
20.8	20.6	20.5	19	**18.1**	18.3	18.8	19.1	19.4	19.3	19.1	19.5	20.5
21.1	20.9	19.7	18.8	**18.7**	19.7	19.5	19.3	19.3	19.6	19.5	19	20.1
19.7	19.9	19.7	20.2	19.6	**21.2**	19.7	20	20.6	20.2	20	20.5	19.5
20.8	20.4	20.2	19.9	22.2	22.2	**22.3**	21.2	21.7	21.6	21.7	21.3	20.6
21	22	20.5	**19**	20.9	20.8	21.6	21.1	21.8	21.4	21.3	21.2	21.1
22.7	22.2	22.1	**20**	**23.7**	23.5	22.6	22.1	21.6	21.4	21.4	21.5	21.8
22.5	22.9	**23**	21.8	22.6	21.9	21.5	21.5	21.8	21.9	21.9	22.1	21.7
21.6	21.2	20.8	20.8	**20.7**	21.9	21.5	21.9	21.6	21.8	21.7	21.6	21.8
22.7	22.1	22.5	**19.7**	21.1	21.5	20.9	21.2	21.6	21.3	21.6	21.4	21.6
22.1	21.8	21.6	21.4	21.9	21.9	21.3	20.9	21.3	**20.8**	21	21	21.5
20.3	20.4	21.3	21.2	**20.1**	20.7	21.1	**21.6**	21.1	21.4	20.7	20.6	20.9
21.1	21.1	21	20.7	20.8	21	20.8	20.8	20.9	20.7	20.7	20.6	20.8

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	----------	Cu.	----------	Cu.	----------	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
2	Ci.	Cu.	A.-Cu. ESE	Cu. ENE	A.-Cu.	Cu. ENE	Ci.-Cu.	Cu. ENE	Ci.	Cu.
3	Ci. SE	Cu.	Ci. SE	Cu.	----------	Cu. E	Ci.	Cu. E	Ci.	Cu. E
4	A.-Cu.	Cu.	A.-Cu. NE	Cu.	Ci.	Cu. ENE	Ci.	Cu. E	Ci.	Cu. ENE
5	Ci.	Cu.	Ci.	Cu. ESE	Ci.	Cu. ESE	Ci.	Cu. E	Ci.	Cu. E
6	Ci.	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. EbyS	Ci.-S.	Cu. EbyS
7	----------	Cu.	A.-Cu.	Cu.	----------	Cu.	A.-Cu.	Cu.	Ci.	Cu.
8	Ci.-S.	Cu. E	A.-Cu.	Cu. E	Ci.	Cu.-N. E	----------	Cu.-N. E	Ci.	Cu. E
9	Ci.-Cu.	Cu.	Ci.-Cu.	Cu.	----------	Cu.	----------	Cu. E	----------	Cu.-N.
10	A.-Cu. NNW	Cu.	Ci.-Cu.	Cu.	Ci.-Cu.	Cu.	Ci.	Cu.	A.-Cu.	Cu.
11	----------	Cu.	----------	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu.-N. E
12	----------	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu.
13	----------	Cu.	----------	Cu.	----------	Cu. E	A.-Cu.	Cu.	----------	Cu.
14	----------	Cu.	----------	Cu. E	----------	Cu.-N.	----------	Cu.-N.	Ci.	Cu.
15	Ci.-S.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
16	Ci.-S.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
17	Ci.	Cu.	Ci.-Cu.	Cu. E	Ci.	Cu. E	Ci.	Cu.	Ci.	Cu.
18	Ci.	Cu.	Ci.	Cu.	----------	Cu. E	Ci.	Cu. E	----------	Cu.
19	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.
20	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
21	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
22	Ci.	S.-Cu.	Ci.	S.-Cu.	Ci.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
23	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
24	----------	Cu.	----------	Cu. E	----------	Cu. ENE	Ci.	Cu. ENE	----------	Cu.
25	Ci.	Cu.	Ci.	Cu.	Ci.-Cu.	Cu. EbyN	Ci.-Cu.	Cu.	Ci.-Cu.	Cu.
26	----------	S.-Cu. E	Ci.	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu. E
27	Ci.-Cu.	Cu.-N.	A.-Cu.	Cu.	Ci.-S.	Cu. E	Ci.	Cu. E	Ci.-Cu.	Cu. E
28	A.-Cu. NNE	Cu.	A.-Cu. NNE	Cu.	----------	Cu.	----------	Cu. NE	----------	Cu. NE
29	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu.
30	A.-Cu.	Cu.	----------	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.	Cu. ENE	Ci.	Cu.	Ci.	Cu.
2	Ci.	Cu.	Ci.	Cu. EbyN	----------	Cu.-N. EbyN	----------	Cu. EbyN	Ci.-Cu.	Cu. E
3	Ci.	Cu. ESE	Ci.-S.	Cu.-N.	Ci. ESE	Cu.-N. ESE	Ci.	Cu. ESE	Ci.-S.	Cu.
4	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci. E	Cu.
5	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.-N.	----------	S.-Cu.
6	Ci.-S.	Cu. EbyS	Ci.-S.	Cu.-N. EbyS	Ci.-S.	Cu.-N. SE	A.-Cu.	Cu.-N.	A.-Cu.	Cu.-N.
7	Ci.	Cu.	Ci.	Cu.	----------	Cu. E	----------	Cu.	A.-Cu.	Cu.
8	----------	N. E	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N.
9	----------	Cu.-N.	Ci.-S.	Cu. E	Ci.-S.	Cu.-N. EbyN	Ci.-S.	Cu.-N. E	A.-Cu.	Cu.-N.
10	----------	Cu.	----------	Cu.-N.	----------	Cu.-N.	----------	Cu.-N. E	Ci.	Cu.
11	----------	Cu. SEbyE	A.-Cu.	Cu. SE	A.-Cu. E	Cu.-N.	A.-Cu. E	Cu.-N.	Ci.	Cu.-N.
12	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
13	Ci.	Cu.-N.	Ci.	Cu.-N.	Ci.	Cu.-N.	Ci.	Cu.	Ci.	Cu.-N.
14	Ci.-S.	Cu.	Ci.	Cu.-N.	Ci.	Cu.-N.	Ci.	Cu.-N.	Ci.	Cu.-N.
15	Ci.	Cu.-N.	Ci.	Cu.-N.	Ci.	Cu.	Ci.	Cu.-N.	Ci.	Cu.-N.
16	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.	Cu.
17	Ci.	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu.-N. E	Ci.	Cu.-N.	Ci.	Cu.-N.
18	Ci.	Cu.	----------	Cu.	----------	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.
19	Ci.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.-N.	Ci.	Cu.-N.	Ci.	Cu.-N.
20	Ci.	Cu. E	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu.	Ci.	Cu.
21	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.	Cu.
22	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
23	Ci.	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu. SSE
24	Ci.	Cu.	----------	Cu.	----------	Cu.-N.	----------	Cu.-N. ENE	Ci.-S.	Cu.-N.
25	----------	Cu.-N.	----------	Cu.	----------	Cu.	----------	Cu.-N.	Ci.-S.	Cu.
26	----------	Cu.-N.	Ci.	Cu.-N. E	Ci.	Cu. E	----------	Cu.-N.	----------	Cu.-N.
27	----------	Cu.	Ci.	Cu.	Ci.	Cu.	----------	Cu.-N.	----------	Cu.-N.
28	----------	Cu.	Ci.-S.	Cu.-N.	----------	Cu.-N. E	Ci.-S.	Cu.-N.	Ci.-S.	Cu.
29	Ci.-S.	Cu. ENE	----------	Cu.-N. E	Ci.-S.	Cu.-N.	Ci.-S.	Cu.	Ci.-S.	Cu.
30	----------	Cu.	----------	Cu.-N.	----------	Cu.-N. SW	Ci.-Cu. wsw	Cu.-N. SW	A.-Cu. WSW	Cu.-N. SW

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	Calm	Calm	Calm	Calm	N 1.5	N 1	NE 1.5	Calm	WSW 2.5	W 1.5	WSW 2.5	swbyw 5
2	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SW 1	W 1.5	WSW 2.5	W 3.5
3	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	W .5	WNW 1	WNW 5	WSW 1
4	Calm	Calm	N 0.5	Calm	N 1	Calm	Calm	Calm	SW 1	WNW 1	W 2.5	WSW 1
5	ENE 0.5	Calm	NE .5	Calm	Calm	Calm	Calm	Calm	WSW 2	WSW 2.5	WNW 3.5	NW 3.5
6	NNE .5	NNE 0.5	NE .5	ENE 0.5	Calm	Calm	Calm	Calm	WNW 1	W 3	WNW 2	W 3.5
7	N 1.5	Calm	E 1	Calm	ENE .5	NE 1.5	NE .5	Calm	W 4	W 3	WSW 4.5	W 3.5
8	Calm	Calm	Calm	Calm	Calm	Calm	Calm	S 0.5	SW 1	W 2.5	W 3	SW 3
9	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NW 1	SW 2.5	W 3
10	NNE 1	NNE 1	NNE .5	NE 1	Calm	NNE .5	Calm	Calm	WNW .5	SW 2.5	WSW 3	W .5
11	NNE 1	N 2.5	N 1.5	NNW 1.5	Calm	Calm	Calm	ESE .5	Calm	WNW 1	W 1	WNW 1
12	ESE 1.5	ESE .5	ESE 1	Calm	Calm	Calm	Calm	ESE 1	E 2.5	E 4	ESE 4.5	SSE 1.5
13	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	ESE 1	ESE 1	SE 1.5	SE 1
14	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	W .5	SW 3.5	WSW 1.5	WSW 1.5
15	Calm	NNE 2	Calm	Calm	Calm	Calm	Calm	Calm	WNW 1.5	WNW 3.5	W 2.5	WSW 3
16	SE 1.5	S 1.5	Calm	Calm	S .5	Calm	Calm	Calm	W 2	WSW 1.5	WSW 2.5	WSW 3
17	NNW 2	N 2	N 1.5	Calm	Calm	Calm	Calm	NNW 2	NNW 2.5	NNE 1.5	WSW 2	WSW 3.5
18	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WSW 1.5	SW 1.5	WSW 1.5
19	Calm	Calm	Calm	NE .5	Calm	Calm	Calm	Calm	Calm	SSE 1	SE 2	SE 1.5
20	N 1.5	NNE 3	NE 1.5	N 1	Calm	Calm	Calm	Calm	WSW 1	WSW 1	W 1.5	WNW 2.5
21	SE 1	NE 1	Calm	Calm	NE 1	NE .5	Calm	NNE .5	W 2	WSW 1.5	WSW 2.5	WSW 4.5
22	Calm	Calm	Calm	Calm	Calm	ENE 1.5	ENE 2.5	NE 2.5	NE .5	Calm	WbyS 5.5	WSW 1
23	Calm	Calm	E .5	Calm	ENE 1	Calm	Calm	N 1	Calm	WSW 3	WSW 1.5	WSW 3.5
24	Calm	Calm	S .5	SE 1	Calm	Calm	Calm	SE 1.5	SE 1.5	Calm	WbyS 3.5	W 1.5
25	NNE 1.5	ENE 1	ENE 1.5	NE 2.5	Calm	NNE .5	Calm	Calm	W 2	W 2.5	WSW 5	W 2.5
26	SE 1	Calm	ENE .5	Calm	Calm	Calm	Calm	NE 1	Calm	NE 1	ENE .5	W 1.5
27	N 2.5	N 3.5	N 3.5	NNE 2.5	NE 1.5	Calm	Calm	Calm	Calm	WNW 1.5	W 2.5	WNW 3
28	Calm	Calm	Calm	Calm	Calm	N 2	NNE 1	N 1	N 2.5	NNE 2	W 5.5	WNW 4
29	NNE .5	NNE 1	Calm	NE 1.5	NE 1	Calm	Calm	NE .5	Calm	Calm	SW 2	WNW 3.5
30	Calm	NE 1	Calm	Calm	Calm	Calm	Calm	Calm	E .5	Calm	SE 1.5	SSE 1.5
Mean	0.6	0.7	0.5	0.4	0.3	0.2	0.2	0.4	1.1	1.7	2.7	2.5

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
1	W 4	SW 4.5	W 1.5	Calm	Calm	E 6	E 2	E 2.5	E 1	E 1	E 1	ENE 0.5	1.6
2	SW 1	WSW 1.5	NE 4	N 1	ENE 1	E .5	ESE 1	ESE 2.5	ESE 2	ESE 2.5	Calm	Calm	1.1
3	WSW 3	S 1	SE 3.5	SE 5	SSE 3	ESE 5.5	ESE 4	SE 3.5	SE 3	SE 1.5	SE 1	Calm	1.7
4	WSW 3	ENE 1.5	ESE 8.5	ESE 6	ESE 7.5	EbyS 3	EbyS .5	ESE 1	ESE 1	ESE 2	ESE 2	ESE .5	1.8
5	SW 3.5	NE 3	ESE 5	ESE 7.5	E 3.5	ESE 3	ESE 2	ESE 2.5	ESE 1.5	ESE 2	ESE 1	ESE 1	2
6	WNW 2	SE 10.5	ENE 3	ESE 6	ESE 9	ESE 4	SE 2.5	SE 2.5	SE 1.5	SE 1.5	SE 1	SE 1	2.4
7	WNW 3	SSW 1.5	ESE 2	E 1.5	Calm	ESE 2	ESE 2	ESE 2	ESE 1	Calm	Calm	Calm	1.5
8	NNE 4	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.6
9	WSW 5.5	SE 5	ESE 5	ESE 1	SE 4	ESE 1	Calm	Calm	ESE 1	ESE 1	Calm	N 1.5	1.3
10	WSW 3	WSW 2.5	SE 3	NE 1	SE 1	ESE 1	SE .5	SE 2	SE 2	SE 2	ESE 1	E 1.5	1.3
11	SSW 1.5	SE 5	SE 2.5	ESE 9	SE 5.5	SE 3.5	SE 4	ESE 1.5	ESE 3.5	ESE 1.5	Calm	Calm	2
12	SE 1.5	SE 1	SW 2	SW 1.5	SSE 5	SSW 2.5	S 1	Calm	SE 1.5	SE 2.5	EbyS 1.5	EbyS .5	1.5
13	SE 1	WNW 5.5	WSW 5.5	WSW 7	SW 3.5	WSW 5	SE 1.5	E 2	E 1.5	NE 1.5	Calm	Calm	1.6
14	WSW 3	WSW 3.5	WSW 3	SW 4.5	SW 2.5	WSW 5.5	SSW 3.5	S 3.5	WNW 2.5	Calm	Calm	Calm	1.6
15	W 4	WSW 3	SW 5	SW 2.5	SW 4.5	SW 3	SW 3.5	SW 4.5	SW 3.5	W 2	Calm	Calm	2
16	W 4	WSW 2	WSW 5.5	SW 3	WSW 5.5	SW 4	SW 4	SW 3	SW 2.5	NW 1.5	N 1.5	NNE 1.5	2.1
17	W 3.5	WSW 2	SE 2	SSE 1	Calm	SW 3	SW 1	Calm	Calm	E 1.5	SE 3	SSE 1.5	1.5
18	WSW 1.5	WSW 3	WSW 2	SSW 5.5	SSE 2.5	SSW .5	SSE 1	Calm	Calm	WSW .5	NW 2	NE 1.5	1
19	ESE 3	SSE 2.5	SE 4.5	SE 4.5	SE 2	SE 2.5	ESE 1	SE 1.5	Calm	N 1	N .5	Calm	1.2
20	W 4	WSW 2.5	WSW 1.5	SE 5	ESE 2	SE 1	ESE 1	SE 1.5	SE 1.5	SE 1.5	SE 1.5	SE .5	1.5
21	WSW 4	WSW 4	SE 3	NE 4	ENE 2	ESE 1	ESE 1	ESE 1.5	ESE 1.5	ESE 1.5	ESE 1	Calm	1.6
22	WSW 2.5	WSW 2	WSW 2	SW 1.5	SE 3	SSW 1	ESE 2.5	ESE 2	ESE 2	ESE 3.5	ESE 2.5	ESE 1	1.6
23	WSW 3	W 1.5	SW 3	SSE 1.5	WSW 3	SW 4	SSW 1.5	SSE 1	SSE 1.5	S 1	Calm	Calm	1.3
24	WSW 5	W 6	WSW 2.5	ENE 7	E 2	Calm	Calm	ESE 1.5	Calm	ENE 1	Calm	Calm	1.4
25	SSW 2.5	Calm	SSW 1.5	E 7.5	SSE 1	SE 1	ESE .5	EbyS 2.5	EbyS 2.5	SE 2.5	SE 2	SE 1.5	1.8
26	WSW 4	SW 2	SE 2.5	ESE 1.5	ESE 4	SE 1.5	ESE 2	SE 2	SE 1.5	SE 1.5	ESE 2.5	NE 2	1.4
27	WNW 5	W 1	W 3.5	WSW 3	WbyS 1.5	SW 1	SSW 1	SSW 3.5	SSE 1.5	Calm	Calm	Calm	1.7
28	W 5	WSW 4	SW 2	NNE 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NNE 1.5	1.3
29	W 1	SW 1	E 1	NE 1	Calm	E 1	Calm	ESE 1	Calm	ESE 2	ESE 1.5	ESE 1	.9
30	SSE 2.5	SE 4	S 10	S 5	SSW 2.5	SSW 1	Calm	Calm	NE 1.5	Calm	Calm	Calm	1.3
Mean	3.1	2.9	3.3	3.5	2.7	2.3	1.5	1.7	1.4	1.3	0.9	0.6	1.5

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	1.5	1	3	3.5	5	5.5	4	3	5	11	16	15
2	4	2	1	2	2	4	3	2	5	9	**13.5**	12.5
3	3	3	2.5	2.5	2.5	3	2.5	2	4.5	8	14	14
4	3	3	3	5	4	4	4	4	4	10	15	12
5	5	4	4	4	3	5	3	2	5	13	15.5	13.5
6	5	3	5	4	2	3	3.5	1.5	6.5	7.5	14.5	12
7	4	4	5	4.5	4	3.5	2	3	9	12	**16**	**16**
8	2	1	2.5	3.5	2.5	3.5	2	3	8	10	13	12
9	2	.5	2	1	3	3.5	.5	2	4.5	5.5	**18**	12
10	7	5	4	4	3	3	1	1	7	10	11.5	11
11	6	7	7	6	5	3.5	2	1.5	7	9.5	11	13
12	5	6	5	4	5	4	2	4	10	13	**17**	13.5
13	3.5	2.5	2	4	3.5	3	2.5	2.5	7.5	8	8.5	7.5
14	3	3	3	2.5	2.5	1	0	0	1.5	10.5	11	12
15	.5	3.5	6	2	1	2	2	1	7.5	10.5	13	13
16	4	6	5	3.5	4	2.5	2.5	3	8	11	13	12
17	2.5	8	5.5	1	.5	1	.5	5.5	11	9	10	13.5
18	5	5	4	2	4.5	2.5	2.5	5	3.5	7	9	10
19	3	3	2	4	4	5	1	2	4	6	10	**14**
20	5.5	8	9	4	3	3	1.5	1	6	8.5	13	12
21	3	5	5	4	4	5	4	5	5	9	**15.5**	13.5
22	3.5	4	3.5	4.5	4.5	3	5.5	8	9	7	12	**13**
23	4.5	4.5	5	5	5	5	4	5.5	2.5	10	14	14
24	3	2.5	3	5.5	4	3.5	2.5	5	5	7	10	12
25	2	4	3	7	5	2	2	2	5	9	14	12.5
26	8.5	5	2.5	3	1.5	1	1	1.5	1.5	2.5	8	11
27	5	12	13	14	6	4	4	2	5	5	**17**	16
28	2	3	4	5	4	6	7	5	8	5	14	16
29	3	5	4	7	6	3	2	1	3	7	11.5	**13.5**
30	5	5	3	4	3	4	4	2	5.5	6	15.5	11.5
Mean	3.8	4.3	4.2	4.2	3.6	3.4	**2.6**	2.9	5.8	8.6	**13.1**	12.8

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	1	1	1	2	4	4	5	5	7	5	5	3	3.6	8 40
2	3	2	4	6	5	7	6	6	9	7	8	6	5.8	8 00
3	8	7	8	6	7	8	7	7	8	9	10	7	7.7	7 00
4	6	7	9	9	9	8	7	3	3	3	3	3	5.8	8 45
5	3	4	6	6	7	7	4	6	7	7	8	6	5.9	9 50
6	7	7	8	7	8	8	9	9	9	9	10	10	8.4	5 40
7	2	1	2	3	4	4	5	6	9	7	6	9	4.8	8 30
8	6	7	8	9	9	7	10	10	10	10	10	10	**8.8**	**3 35**
9	5	1	0	1	4	3	3	5	8	8	8	7	4.4	9 45
10	7	5	5	5	5	4	3	3	5	6	6	4	4.8	7 25
11	2	0	0	3	5	5	6	8	7	6	4	10	4.7	8 25
12	2	2	2	3	4	3	3	3	3	3	3	8	3.2	9 35
13	2	0	0	3	3	3	4	5	5	7	8	9	4.1	9 25
14	4	0	4	4	4	4	4	6	5	7	7	8	4.8	9 30
15	5	6	5	5	5	4	4	3	3	3	4	5	4.3	9 40
16	7	5	5	4	4	5	5	4	5	4	4	3	4.6	9 35
17	5	4	5	5	6	5	5	4	6	5	6	10	5.5	8 00
18	6	2	4	3	5	4	4	2	3	6	7	8	4.5	9 35
19	4	4	4	4	4	3	4	4	3	3	4	7	4	10 15
20	3	4	4	5	5	5	7	2	3	3	3	5	4.1	10 05
21	3	3	4	4	4	5	5	3	6	7	5	4	4.4	9 40
22	3	3	3	3	3	4	4	5	6	4	5	8	4.2	10 05
23	4	2	3	4	4	4	3	1	1	1	2	3	**2.7**	**11 15**
24	2	4	6	8	7	3	3	1	3	9	8	8	5.2	8 40
25	3	4	5	8	6	6	8	4	3	10	4	3	5.3	8 00
26	7	10	4	4	4	8	8	7	5	5	2	5	5.8	8 30
27	8	6	7	7	5	5	4	3	4	4	4	4	5.1	9 05
28	9	10	8	2	3	4	4	7	9	8	9	9	6.8	5 50
29	6	4	4	6	8	8	8	8	8	6	5	7	6.5	8 25
30	4	1	0	4	4	4	3	4	6	8	9	9	4.7	9 00
Total														259 45
Mean	4.6	**3.9**	4.3	4.8	5.1	5.1	5.2	4.8	5.6	6	5.9	**6.6**	5.2	8 40

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon–1 p.	1–2 p.	2–3 p.	3–4 p.	4–5 p.	5–6 p.	6–7 p.	7–8 p.	8–9 p.	9–10 p.	10–11 p.	11–mdt.	Mean.
16	17	12	7	7	11	11	11	8	4	6	5	7.9
12.5	11.5	7.5	11	7.5	5.5	11	9.5	8.5	9	9	4	6.9
13	10	12	18	15	14	15	15	12	8	7	4	8.5
13	12	18	23	20	13	11	8	7	6	10	7	9.1
10.5	10	20.5	16	16.5	15.5	10	10.5	7	7.5	7.5	6	8.9
15	13	16.5	11	17.5	13	8	12	10	7	7	7	8.5
13.5	9.5	14	8.5	8.5	6.5	9.5	8	6	2	2	2	7.2
18	3	1.5	0	0	0	1	3.5	3.5	5	3.5	1.5	4.3
13	13	14	12	18	17	9.5	2.5	7	5	4	5	7.3
11	9.5	12	12	9.5	10.5	9	9.5	9	10	5	5.5	7.5
7	15	19	15	16	19	14	11	9	10	6	5	9.4
7	6.5	14.5	14.5	13	13	14.5	7	3	10.5	8	6	8.6
8.5	12.5	18.5	21.5	20	20	17	14	4.5	7	6	4.5	8.7
11	14	16.5	17.5	18	15	15	14	7.5	5.5	4	3	8
11.5	11.5	11	16.5	18.5	20	18	19	16	11	7	3.5	9.4
13.5	11.5	13	16	19	19	20	17	12	9	6	6.5	9.9
13.5	15	14	9	5	8	13	5	2.5	6.5	10	9	7.4
13	11	10.5	13.5	12	6	5	4	4	3.5	13.5	8	6.8
12	13	13	13	13	11	6	6	4.5	3.5	3	3.5	6.6
15	15	9	8	11	11.5	6.5	5	6	7	7	4	7.5
13	11	11	12	12.5	7.5	7.5	8.5	5.5	6.5	6.5	5	7.7
11	11	10	10	11	11	9	12	10	10	10.5	7.5	8.4
10	10.5	9.5	7	13	17	14	5	7	6.5	4.5	3	7.8
14	17	14	16	13	5	1	6	5	5	5	1	6.9
12.5	5	6.5	15.5	11	9.5	7	9	11.5	9.5	8	8.5	7.5
13	11	7	13	15	13	9	13	7	6	9	5	7
16	16	15	10	11	11	11	12	8	2	4	2	9.2
19	15	13	8	4	1	4	6	4	6	4	5	7
13	13	13.5	9.5	7	7	4	6	3	5.5	6	6	6.6
12	9.5	20.5	16.5	13.5	11	3.5	2	4.5	5	4.5	2.5	7.2
12.7	11.8	12.9	12.7	12.5	11.4	9.8	9	7.1	6.6	6.4	4.8	7.8

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	2		1	1	6						1	3	3				7	188.5	5.4	
2	1		1	1	1	4					2	2	2				10	166.5	5.1	
3						2	6	1	1			2	1	2			9	204.5	5.2	
4	2			1		10					1	2	1	1			6	219	5.9	
5			2	1	1	9					1	2		1	1		6	214.5	5.8	
6		2	1	2		3	7						2	3			4	204.5	5.9	
7	1		2	1	2	5				1		1	3	1			7	173	5	
8		1							1		2		2				18	103.5	1.6	19.3
9	1					5	2				1	1	1		1		12	174.5	5.2	
10		4	2		1	2	6				1	3	1	1			3	180	4.1	.8
11	2	1				5	5	1					1	2		1	6	224.5	5.6	
12					2	7	4	2	1	1	2						5	206	6.7	
13			1		2	2	4				1	3		1			10	209	4.6	5.8
14									1	1	3	6	1	1			11	191	4.4	
15		1									7	2	3	2			9	225.5	4.8	
16	1	1					1		2		5	6	2		1		5	237	5.1	
17	2	1			1		2	2			2	3	1			3	7	178.5	4.5	8.6
18			1					2		2	1	6			1		11	164	4	14.7
19	2		1			2	7	2									10	159.5	5.9	
20	2	1	1			2	7					4	2	1			4	179.5	5.3	
21		1	4	1		6	2					5	1				4	184.5	5.1	
22			2	2		6	1			1	1	4	1				6	200.5	6.1	
23	1			1	1			3	1	1	2	5	1				8	186	6.2	
24				3		1	3		1			2	3				11	165	5.3	
25		2	1	2	1	3	4	1		2		1	3				4	181	4.1	2.1
26			3	2		4	6				1	1	1				6	168	5.1	5.8
27	3	1	1					1		2	1	1	4	3			7	221	4.4	
28	3	4									1	1	2	1			12	168	4.7	
29		2	4		2	4					2		1	1			8	159.5	3.7	1
30			2		1		2	2	2	2							13	173.5	4.8	
Total	23	22	30	18	21	82	69	17	10	13	38	66	43	21	4	4	239	5,610	149.6	58.1
Mean	0.8	0.7	1	0.6	0.7	2.7	2.3	0.6	0.3	0.4	1.3	2.2	1.4	0.7	0.1	0.1	8	187	5	1.9

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°C.		*Per cent.*	*mm.*	*mm.*		°C.		*Per cent.*	*mm.*
1	**761.45**	8.30a.	33.1	4.55p.	91	**20.1**	**757.50**	4.00p.	22.4	6.10a.	53	17.7
2	60.85	9.10a.	33.7	2.30p.	92	21.4	56.90	3.55p.	22.2	5.50a.	59	18.6
3	60.35	8.35a.	34	2.35p.	92	21.4	56.65	4.15p.	22.4	4.55a.	50	18.6
4	60.35	8.20a.	32.7	2.15p.	91	20.3	57.05	3.20p.	22.4	5.50a.	**48**	16.9
5	60.92	8.00a.	33.7	3.05p.	93	20.5	56.91	4.00p.	21.5	6.05a.	50.5	18
6	60	9.55p.	33.7	3.50p.	91	20.6	56.80	3.20p.	21.7	5.20a.	**48**	**16.3**
7	59.85	8.30a.	33.4	2.25p.	89	22.1	55.95	4.15p.	**21.3**	5.50a.	58	17.2
8	59.50	10.05p.	**32.2**	11.55a.	**98**	23.2	56.52	4.00p.	23.3	5.30a.	**64**	19.6
9	59.65	11.00p.	34.2	2.55p.	**98**	22	56.15	2.55p.	22.9	5.55a.	52	19.8
10	60.10	8.35a.	33.7	3.25p.	94	22.5	56.37	3.00p.	23.5	5.30a.	59	20.5
11	58.55	0.05a.	33.6	1.35p.	**94**	22.2	55.35	4.15p.	22.8	5.50a.	54	19.3
12	58.30	8.50a.	34.6	1.50p.	91	23.3	**54.65**	3.10p.	22.9	6.05a.	50	19.4
13	59.30	10.15p.	34.8	0.35p.	94	23.8	56.20	3.10p.	23.4	5.35a.	50	19.5
14	60.15	10.40p.	33.7	2.40p.	95	23.4	56.40	3.10p.	23.8	5.55a.	62	21
15	59.55	8.35a.	32.4	4.10p.	95	22.9	55.55	4.15p.	23.5	5.35a.	61.5	20.7
16	58.85	8.55a.	32.7	2.50p.	95	**23.9**	55.50	4.15p.	24.4	5.50a.	**64**	**22.1**
17	59.25	9.25a.	33.6	2.20p.	92	22.4	55.85	3.50p.	24.3	Midnight	56	20.1
18	59.55	11.20p.	34.5	3.20p.	97	23.5	55.55	3.15p.	23.7	5.05a.	58.5	20.8
19	59.45	10.15p.	34.4	3.20p.	96	23.4	55.45	3.45p.	24	5.35a.	51.5	19.7
20	59	0.05a.	34.7	3.35p.	95	22.4	55.10	4.45p.	24.2	5.45a.	**48**	18.1
21	58.70	8.15a.	34.3	2.50p.	92	21.9	55.05	3.50p.	22.9	5.15a.	51	18.7
22	58.95	8.30a.	34.9	2.50p.	91	21.2	55.05	3.30p.	**21.3**	5.50a.	50	17.7
23	**58.25**	9.05a.	**35.4**	3.40p.	90	22.3	55.05	4.10p.	23.2	5.45a.	**48**	18.5
24	59.40	11.20p.	35.1	3.45p.	**87**	22.4	56	3.15p.	24.5	3.30a.	52	19
25	59.65	9.10a.	34.2	3.55p.	89	23.7	56.30	4.55p.	24	5.50a.	57	20
26	59.55	8.00a.	33.7	3.20p.	92	23	55.85	4.20p.	23.9	4.50a.	60	20.9
27	59.20	8.45a.	33.1	3.20p.	95	23.2	56.05	3.25p.	24.3	5.45a.	58	20.7
28	58.95	8.45a.	33.3	2.35p.	95	22.7	55.80	4.45p.	**24.7**	4.55a.	59	19.7
29	58.33	8.00a.	33.6	1.50p.	93	22.2	54.85	4.10p.	24.3	5.55a.	60	20.8
30	58.35	10.00p.	34.3	2.35p.	91	21.6	55.35	3.35p.	23.6	5.35a.	53	20.1
Mean	759.48	------	33.8	------	92.9	22.3	755.92	------	23.2	------	54.8	19.3

DAILY GENERAL REMARKS.

1---Cloudy weather.
2---⊤° NE 2.20 p. m.
3---☂° in the evening.
4---Somewhat gusty ESE winds in the afternoon.
5---◹° NNE, convergence of Ci. toward SE in the afternoon.
6---⊕° in the morning; ⊤° NE quadrant, gusty SEly winds in the afternoon.
7---◹° NE quadrant in the afternoon.
8---p° in the morning; thundershowers in the afternoon.
9---☭ early in the morning; ⊤° N, ◠ in the afternoon; ◟ NE and NW quadrants in the evening.
10---◹ NE quadrant, ●° in the afternoon; ◟ NNW in the evening.
11---◠, somewhat gusty SWly winds in the afternoon.
12---Cloudy weather.
13---●, ◟° SE and NE quadrants in the evening.
14---◟ N and SE quadrants in the evening.
15---Cloudy weather.
16---Do.
17---⊤ E, d° in the afternoon; heavy thundershowers at night.
18---◹° NE in the afternoon; thundershowers at night.
19---⊤ N 2.30 p. m.; ◹° NE quadrant in the evening.
20---Cloudy weather.
21---Do.
22---Do.
23---Fair weather.
24---◹ NE quadrant in the afternoon.
25---●°, ◹ NE quadrant, ◠° in the afternoon.
26---◟°, ☂° in the evening.
27---● 5.21 a. m.
28---Cloudy weather.
29---⊤ NE and SE, p° in the afternoon.
30---◹ S quadrant in the afternoon; ◟° NNE in the evening.

OBSERVATIONS FOR MAY, 1917.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	57.60	57.20	56.65	56.75	57.20	57.60	57.99	58.52	58.85	58.58	58.44	57.84
2	58.05	57.95	57.70	57.75	58	58.29	59.04	59.14	**59.63**	59.34	59.19	58.57
3	58.20	57.50	57	56.90	57.05	57.15	57.78	58.09	58.48	58.37	57.86	57.22
4	57.10	56.85	56.80	56.85	57.40	57.87	58.40	59.07	**59.22**	59.08	58.56	57.88
5	57.95	57.55	57.45	57.35	57.65	58.17	58.82	59.29	59.32	**59.36**	58.99	58.42
6	58.30	57.90	57.70	57.80	58.05	58.39	58.84	59.12	58.77	58.51	58.08	57.72
7	58.10	57.75	57.70	57.50	57.50	57.72	58.27	59.27	**59.37**	59.17	58.69	58.12
8	58.25	57.85	57.50	57.50	57.55	57.95	58.29	58.40	58.64	58.68	58.46	57.82
9	58.80	58	57.80	57.80	58	58.39	58.83	58.92	59.02	59.05	58.83	58.33
10	58.40	57.95	57.50	57.75	58	58.50	58.68	58.72	59.04	58.94	58.62	58.41
11	**58.45**	57.85	57.45	57.30	57.40	57.58	58.08	58.17	58.17	57.99	57.66	57.33
12	57.55	57.40	57.25	57.30	57.50	58.14	58.65	59.29	59.32	59.34	58.89	58.32
13	58.75	58.60	58.55	58.45	58.70	58.58	58.68	58.86	59.02	58.99	58.70	58.33
14	59.45	59.15	58.80	58.90	59.35	59.90	60.24	60.49	60.27	60.18	59.83	59.38
15	60.15	59.70	59.45	59.95	60.15	60.60	60.94	**60.96**	60.64	60.27	59.77	58.96
16	59.95	59.60	59.35	59.35	59.45	60.01	60.38	**60.59**	60.19	60.08	59.58	59.09
17	59.70	59.25	59.30	59.40	59.35	59.54	60.16	60.38	60.51	60.31	60.09	59.34
18	59.85	59.60	59.45	59.50	59.70	60.19	60.69	61.07	**61.26**	61.25	60.75	60.08
19	59.65	59.20	59	59	59.35	59.65	60.25	**60.59**	60.51	60.18	59.53	58.78
20	58.05	57.70	57.40	57.35	57.70	57.83	58.02	58.73	58.81	58.88	58.29	57.91
21	58.40	57.60	57.20	57.30	57.35	57.58	58.18	58.48	58.62	58.77	58.42	57.92
22	58.75	58.25	58	57.95	58.20	58.43	58.77	59.32	59.22	59.23	58.68	58.02
23	58.75	58.45	**58.35**	58.40	58.40	58.93	59.22	59.52	59.82	59.83	59.46	59.19
24	59.20	58.80	58.50	58.55	58.65	58.87	59.14	59.51	59.44	59.53	59.13	58.66
25	58.90	58.35	58.10	58.10	58.25	58.39	58.89	58.84	**59.03**	58.79	58.33	57.82
26	58.05	58.05	57.95	57.85	57.90	58.34	58.63	58.84	59	58.87	58.57	58.05
27	58.75	58.20	58.30	58.25	58.40	58.81	59.39	59.67	**59.73**	59.66	59.36	58.82
28	58.80	58.70	58.40	58.25	58.35	58.63	59.03	**59.35**	59.27	59.33	58.79	58.01
29	58.25	58.05	57.85	58	57.90	58.25	58.77	58.94	**59.02**	58.52	58.01	57.41
30	57.75	57.25	57.20	57.25	57.50	57.85	58.54	58.99	**59.02**	58.76	58.15	57.82
31	57.55	**57.15**	57.30	57.60	57.80	58.32	58.67	58.87	59.29	59.12	58.73	58.17
Mean	58.56	58.17	57.97	58	58.19	58.53	58.98	59.29	59.37	59.26	58.85	58.31

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24.7	24.2	23.8	23.6	23.1	**23**	25.5	28.4	29.8	30.5	30.8	30.8
2	27.2	26.6	26	25.4	24.8	**24.4**	26.7	28.3	29.8	30.6	31.9	31.9
3	25	25	24.9	**24.3**	**24.3**	24.4	25.5	28.5	28.7	30.3	30.5	31.3
4	24.4	24.6	25	24.5	**24.1**	24.2	26	27.9	29.3	30.4	30.2	31.5
5	25.7	25.2	25.5	25.5	25	**24.7**	25.9	27	29.1	30.1	30.8	**31.3**
6	25.1	24.5	24.2	23.6	**23.3**	**23.3**	26.3	29.8	31.2	31.5	31.7	32.8
7	25.2	25	24.9	24.7	**24.3**	24.7	26.6	29	29.6	29.8	32	32.2
8	24.5	24	23.9	23.5	**23.3**	**23.3**	26.1	28.3	30.7	30.3	32	32.7
9	25.1	24.8	**24.5**	**24.5**	24.8	25	26.9	29.8	30.7	31.5	32.1	32.5
10	26.1	25.7	25.4	25.2	**25.1**	25.2	26.5	28.8	29.9	30.2	30.5	**31.9**
11	26.4	25.6	25.4	24.7	**24.6**	**24.6**	27.6	29.7	30.7	31	31.1	31.9
12	28.2	26.1	25.9	**25.6**	25.9	25.9	26.2	26.5	28.8	30.6	30.7	31.6
13	26.4	25.8	25.7	25.9	25.9	26	28.8	30.3	30.2	30	31.2	31.8
14	25.1	25	24.9	24.7	**24.6**	24.9	27.4	29.5	31.1	31	32.4	32.6
15	24.8	24.6	24.6	24.3	**24.1**	24.5	26.4	28.6	29.3	30.2	32.7	33.3
16	25.8	25.2	25.4	25.1	24.4	24.7	26.6	28.5	30.9	30.8	30.4	30.2
17	23.7	23.3	22.6	22.7	22.2	**22**	25.2	29.1	30.3	30.7	31.5	32.3
18	25.6	25.3	24.6	24.8	**24.4**	**24.4**	27.7	29.2	31	32.3	32.5	31.5
19	24.3	23	22.5	22	**21.6**	21.8	25.7	28.9	30.5	31	32.1	32.5
20	25.6	24.8	24.3	24	**23.6**	23.8	27.2	29.5	30.1	30.7	31.3	32
21	25.5	25	24.7	24.7	**24.5**	**24.5**	26.7	29.3	31.2	31.8	32.5	33
22	25.3	24.9	24.8	24.6	24.4	**24.2**	26.8	29.5	29.8	30.2	33.3	33.2
23	24.9	24.9	25.2	25	24.8	24.7	27.1	29.6	29	29.4	**30.7**	30.3
24	23.6	**23.4**	23.5	23.6	23.5	**23.4**	25.5	28.6	28.4	28.7	30	30.7
25	25	24.7	24.6	24.5	**24.2**	24.4	25.2	26.5	27.8	28.7	28.9	29.7
26	24.5	24.6	24.5	**24.2**	24.3	24.3	25.7	27.7	27.8	29	31.3	**32.3**
27	24.6	24.3	24.1	24.1	23.7	**23.6**	25.9	29.1	30.8	31.4	31.9	**33.5**
28	24.7	24.7	24.4	**24.2**	24.3	24.5	26.1	29	30.2	30.4	31.1	30.9
29	25	24.9	24.6	24.4	**24.2**	**24.2**	27.1	29.5	29.3	30	31.3	32.4
30	25.6	25.3	25	25.1	**24.9**	25.2	27.8	29.4	30.3	31.7	32.3	**32.9**
31	26.4	26	25.7	25.4	25.2	25.3	26.2	29.6	31.2	31.9	32.1	**32.3**
Mean	25.3	24.9	24.7	24.5	**24.2**	24.3	26.5	28.8	29.9	30.5	31.4	**31.9**

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
57.30	56.54	55.89	**55.80**	56.10	56.64	57.65	58.15	58.45	**58.90**	**58.90**	58.80	57.60
57.32	56.55	**56.25**	56.65	57.32	58.14	58.47	58.80	59.05	59.05	59	58.55	58.24
56.12	55.42	55.31	**55.05**	55.90	56.77	57.24	57.65	58.45	**58.85**	58.60	57.85	**57.28**
57.22	56.60	**55.95**	56.10	56.30	56.56	57.21	57.70	58.10	58.70	58.65	58.30	57.60
57.76	56.77	56.75	**56.42**	**56.42**	57.12	57.75	58.20	58.80	58.95	59.10	58.70	58.04
56.92	56.41	**56.36**	56.45	56.68	57.40	57.95	58.45	59.10	**59.35**	59.20	58.85	58.01
57.35	56.74	56.87	56.69	**56.57**	57.33	58.17	58.55	58.80	59.15	59	58.50	58.04
57.20	56.60	**56.41**	56.50	56.80	57.26	58.37	58.85	59.60	**60.05**	59.90	59.20	58.07
57.55	56.85	**56.84**	57.04	57.49	57.90	58.52	58.90	**59.60**	**59.60**	58.95	58.50	58.31
57.82	57.17	**56.83**	57.07	57.36	57.69	57.94	58.80	59	59.15	**59.25**	58.80	58.22
56.52	56.14	55.83	**55.66**	56.26	56.67	57.21	57.70	58.20	58.40	**58.45**	57.90	57.43
57.67	57.05	56.45	**56.30**	56.89	57.35	58.11	58.50	59	59.45	**59.60**	59.35	58.11
57.30	**57.15**	57.45	57.27	58.12	58.91	59.40	59.85	59.90	59.95	**60**	59.55	58.71
58.21	57.80	**57.16**	57.17	57.83	58.70	59.45	59.85	60.20	60.55	**60.70**	60.35	59.33
58.31	57.75	57.53	**57.38**	57.79	58.48	58.75	59.55	59.90	60.30	60.25	60.20	59.49
58.27	57.81	57.56	**57.19**	57.46	58.05	58.82	59.30	60	60.35	60.25	60	59.28
58.50	57.85	**57.46**	57.65	57.78	58.49	59.24	59.85	60.50	**61.05**	60.95	60.50	59.46
58.97	58.42	58	**57.78**	57.83	58.38	58.85	59.20	59.80	60.40	60.20	59.85	**59.63**
58.22	57.70	57.74	**57.34**	57.52	58.02	58.28	58.80	59.20	59.50	59.55	58.35	59
57.17	57.59	57.09	**56.92**	57.21	57.41	58	58.55	59	**59.55**	59.20	58.85	58.05
56.97	56.17	**56.14**	56.20	56.21	56.92	57.37	57.85	58.80	**59.40**	59.25	59.15	57.76
57.54	**57.05**	57.14	57.17	57.51	57.42	58	58.85	59.15	**59.65**	59.40	58.90	58.36
58.86	59.33	58.89	58.50	58.89	59.24	59.45	59.65	60.15	**60.25**	60.05	59.65	59.22
57.77	57.42	**57.13**	57.19	57.66	57.97	58.28	58.65	59.10	**59.65**	59.55	59.10	58.64
56.91	56.50	56.26	**56.09**	56.46	57.27	57.43	57.60	58.20	58.05	58.55	58.50	57.90
57.47	57.24	**57.09**	57.19	57.44	57.72	58.27	58.85	59.35	59.45	**59.50**	59.10	58.28
58.26	57.42	57.36	**57.33**	57.96	58.34	58.80	59.25	59.50	59.70	59.55	59.30	58.75
57.27	56.94	56.69	56.59	**56.10**	56.97	57.50	58.05	58.55	58.75	58.75	58.70	58.16
56.47	56.05	55.69	**55.39**	55.82	56.15	56.57	57.45	58.10	58.15	58.45	58.05	57.55
57.25	56.76	56.65	56.54	**56.35**	56.70	57.40	58.05	58.45	58.45	58.35	58.05	57.71
57.63	58.16	57.80	57.55	57.65	57.95	58.26	58.70	58.90	**59.35**	59.15	58.85	58.27
57.55	57.10	56.86	**56.78**	57.09	57.61	58.15	58.65	59.13	**59.42**	59.36	58.98	58.34

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
31.9	32.4	**32.7**	32.4	31.7	30.6	30.6	29.1	27.9	27.3	27	26.9	28.3
32.3	**32.7**	31.8	29.5	27.4	26.4	25.9	25.8	25.9	25.6	25.5	25.1	27.8
31.7	31.8	**31.9**	31.3	30.6	27.3	25.9	26.2	26.5	26.6	25.7	25	27.6
31.9	**32.5**	31.9	31.3	31.1	30.3	29.1	28.7	28.1	27.3	26.7	26.2	28.2
30.1	31	31	30.6	31	29.5	28.3	27.9	27.6	27.1	26	25.2	28
32.8	**33**	28.8	29.2	29.3	28.5	27.4	27	26.3	26	25.8	25.7	27.8
32.9	30.6	29.2	25.3	25.7	25.4	25.6	25.6	25.4	25.3	25	24.7	27
33	**33**	32.8	32.3	30.8	29.8	29.2	27	26.7	26.2	25.7	25.2	28.1
32.5	31.7	**33**	32.7	30.7	30	29.7	29.4	29.2	28.5	27.6	26.7	28.9
30.6	30.2	29.8	29.6	29.3	28.7	28.3	28.2	27.1	26.3	26.2	26	28
31.7	32.1	32.2	**32.4**	30.2	29.3	29.1	28.9	28.8	28.6	28.4	27.7	28.9
31.5	**31.9**	**31.9**	31.5	30.8	29.5	29.2	29.1	28.3	28.2	27.2	26.6	28.7
33.1	30.7	28.9	28.3	27.6	27	26.7	26.5	26.1	25.9	25.6	**25.2**	27.9
33.2	**33.9**	33.1	32.4	30.8	29.6	26.6	25.7	25.2	25.3	25.8	24.9	28.3
33.9	34.8	**35**	34.6	32.8	31	29.3	29.1	28.4	27.1	26.4	26.4	**29**
31.4	31.4	33.1	**33.5**	32.4	30.7	29.1	27.9	26.3	25.9	25.3	**24.1**	28.3
32.9	33.1	33.1	**33.6**	33	30.9	28.9	28.3	28.1	27.6	26.6	26.2	28.2
32.6	33.6	34.1	**34.6**	32.9	30.8	29.6	28.2	27.1	26.3	26.2	25	28.9
33.3	**34.6**	28.9	30.2	31.1	29.4	28.4	27.8	27.3	27	26.4	25.6	27.7
32.6	26.9	31	30.9	29.7	29	28	27.4	26.4	26.5	26.4	25.7	27.8
33	**34.5**	31.5	30.8	30.9	29.3	25.9	26.4	26.6	26.3	25.9	25.7	28.3
31.8	**33.4**	30.5	28.9	29.5	28.4	27.6	27	26.5	26.1	26.2	25.5	28
25.8	24.5	24.3	24.9	24.8	24.7	24.7	24.6	24.3	24.3	24.4	**24.2**	**25.9**
30.9	**32.4**	29.6	28.6	28.1	27.7	27.1	26.7	26.2	26	25.7	25.5	27
30.6	**32**	30.6	28.3	28	25.4	25.1	25.2	25.2	25.3	25.1	24.7	26.7
30.4	29.9	28.4	27.8	26.5	26.7	26.2	26.1	25.9	25.3	25	24.7	26.8
31.8	33	31	29.3	27.7	27.6	27.8	26.9	26.1	25.6	25.3	25	27.7
32.3	31.5	**32.3**	30.6	30.5	28.5	27.6	27.3	26.3	25.8	25.9	25.4	27.9
32.4	32.2	**32.6**	31.9	30	29.3	29.1	29	26.9	25.8	26	25.8	28.2
32	32.6	30.8	29.9	29	28	27.1	27.2	27.1	27	26.6	26.4	28.3
29.2	25.2	**25.1**	25.4	26.2	26.3	25.7	25.5	25.5	25.5	25.4	25.3	27
31.8	31.7	31	30.4	29.7	28.6	27.7	27.3	26.8	26.4	26	25.6	27.9

RELATIVE HUMIDITY (%).

Day.	1a.	2a.	3a.	4a.	5a.	6a.	7a.	8a.	9a.	10a.	11a.	Noon.
1	87	90	91	92	**95**	**95**	86	73	68	68	**64**	64
2	78	82	85	87	90	**91**	73	74.5	67	62	59	59
3	91	91	91	**94**	93	91	88	75	74	68	66.5	62
4	**92**	88	86	90	91	90	81.5	75	74	70	69.5	63
5	86	89	86	85	87.5	**90**	85	81	69.5	65	63	64.5
6	89	91.5	91	90.5	**92**	**92**	81	69	64	63	61	58
7	92.5	92	92	93	**95**	92	83	74	73	73	67	62
8	94	**96**	94	**96**	95	94	82	74	65	67	61	60
9	92	92	**94**	**94**	92	92	83	75	67	62	60	58
10	89	92	**93**	**93**	**93**	92.5	89	80	73	71	70	**64**
11	87	91	90	**95**	94	94	81	72.5	69	67	66	**64**
12	80	94	95	**98**	96	97	94	90	80	70	69	72
13	89	92	93	92	93	92	81	74	**74**	77	71	68
14	**96**	**96**	94	95	95	93	84	79	74	74	64	62
15	92	92	92	94	**95**	92	83	78	75	71	59.5	56
16	83	86	84	88	**91**	89	80	74	65	68	68	69
17	85	86	**89**	86	87	88	77	66	56	55	54	52
18	85	85	88	87	**90**	**90**	76	68	61	51	56	60
19	78	85	87	87	**88**	87	71	61.5	55	53	49	48
20	88	90	91	91	**93**	92	75	68	66	67	65	64
21	84	88	**91**	90	**91**	**91**	81	68	60	59	56	56
22	**91**	89	89	89	90	**91**	77	68	68	68	54	55
23	89	87	83	84	85	87	75	66	67.5	67	**64**	65
24	95	**96**	95	94	94	95	85	73	75	73	65	65
25	88	89	90	91.5	**95**	**95**	91	84	81	76	74	71
26	96	96	**97**	95	95	95	90	83	82	77	63	**60**
27	94	94	95	94	**96**	**96**	89	77	68	62	63	**55**
28	**95**	93	**95**	**95**	**95**	94	90	78	73	73	72	71
29	94	94	95	**96**	95	94	82	73	75	73	68	63
30	93	95	**96**	95	**96**	94	84	79	76	67	63	**60**
31	91	92	93	**95**	94	94	90	75	66	67	65	**63**
Mean	89.1	90.8	91.1	91.8	**92.6**	92.2	82.8	74.4	69.7	67.2	63.5	**61.7**

VAPOR PRESSURE (mm).

Day.	1a.	2a.	3a.	4a.	5a.	6a.	7a.	8a.	9a.	10a.	11a.	Noon.
1	20.2	20.2	20	19.9	19.9	**19.8**	20.9	21	21.1	**22.2**	21.2	21.2
2	20.8	21.1	21.1	20.9	20.9	20.8	**19**	21.3	20.7	20.3	20.9	20.7
3	21.3	21.3	21.2	21.2	21	20.8	21.3	21.8	21.7	21.9	21.5	21
4	21	20.3	**20.2**	20.5	20.4	**20.2**	20.3	21	22.3	**22.7**	22.1	21.7
5	21.1	21.2	20.9	20.7	20.6	20.8	21	21.5	20.8	20.8	20.8	21.9
6	21.1	20.9	20.5	**19.6**	**19.6**	**19.6**	20.5	21.4	21.5	21.7	21.2	21.4
7	22	21.7	21.6	21.5	21.4	21.4	21.4	22	22.5	22.6	**23.6**	22.2
8	21.5	21.2	20.7	20.6	20.1	**20**	20.7	21.1	21.4	21.5	21.7	22.1
9	21.7	21.5	21.5	21.5	21.3	21.6	22	**23.2**	21.8	21.3	21.4	21
10	22.5	22.5	22.5	22.2	22.1	22	22.8	**23.4**	22.7	22.5	22.6	22.6
11	22.3	22.1	21.7	21.9	21.6	21.6	22.3	22.4	22.7	22.3	22.3	22.3
12	22.8	23.7	23.6	23.7	23.8	24	23.8	23.2	23.7	23	**22.7**	**24.7**
13	22.7	22.7	22.7	22.8	23	22.9	23.8	23.6	23.7	**24.4**	23.9	23.7
14	22.7	22.5	22	21.9	21.8	21.8	22.9	24.3	**24.8**	24.6	23.2	22.6
15	21.3	21.2	21.1	21.2	21.1	21.1	21.3	22.7	22.7	**22.8**	21.8	21.3
16	20.5	20.5	20.2	20.7	20.6	20.6	20.7	21.4	21.5	22.4	22	22
17	18.4	18.3	18.2	17.6	**17.2**	17.4	18.4	19.8	18.1	18.1	18.7	18.8
18	20.8	20.4	20.3	20.3	20.4	20.4	**20.9**	20.3	20.4	**18.4**	20.3	20.5
19	17.7	17.8	17.6	17	16.9	**16.8**	17.4	18.2	18	17.9	17.6	17.3
20	21.4	20.9	20.5	20.3	20.1	20.2	20.2	20.8	21	21.8	22.1	22.5
21	**20.3**	20.8	21	20.8	20.7	20.7	21.1	20.6	**20.3**	20.7	**20.3**	21.1
22	**21.8**	20.9	20.7	20.4	20.4	20.5	20.2	20.8	21.1	21.6	20.6	20.7
23	20.9	20.5	**19.7**	19.8	19.8	20	20.1	20.3	20	20.4	21	20.8
24	20.5	20.4	20.4	20.3	**20.2**	20.3	20.7	21.1	21.5	21.3	20.6	21.4
25	20.8	**20.6**	20.7	20.9	21.3	21.6	21.6	21.6	22.4	22.2	21.9	21.9
26	21.9	22	22	21.3	21.4	21.4	22.1	**22.9**	22.8	**22.9**	21.4	21.5
27	21.6	21.2	21.1	21	20.8	**20.7**	22.2	**23.1**	22.4	21.2	22.2	21.2
28	21.9	21.5	21.6	21.3	21.4	21.5	22.6	23.1	23.2	23.5	**24.1**	23.6
29	22.1	22	21.8	21.7	21.3	**21.1**	21.8	22.4	22.7	22.9	23	22.7
30	22.8	22.7	22.5	22.5	22.4	22.4	23.5	23.9	**24.5**	23.3	22.5	22.4
31	23.3	22.9	**23.9**	22.9	22.4	22.6	22.8	23.2	22.2	23.5	23.1	22.8
Mean	21.3	21.2	21.1	20.9	**20.8**	20.9	21.3	**21.9**	21.8	21.8	21.7	21.7

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
62.5	60	60	61	63.5	65	65	74	78	79	80	81	75.1
58	59	60.5	71	76	84	86	88	88	89	89	91	77
59	58	59	61	70	75.5	85	86	87	86	88	90	78.7
61	56	59	63	65	68	72	74	77	79	83	85	75.5
69	66	66	70	60	68	74	76	77	80	85	89	76.3
57	56	77	77	74	78	81	83	89	90	90	89	78.5
57	68	69	88	91	92	92	93	95	94	93	94	83.9
57	60	57	60	65	68	72	83	83	88	89	92	77.2
59	57.5	57	59.5	69	73	75	74	76	77.5	82	88	75.4
68.5	71	69	70.5	70	73	75	76	83	87	89	89	80
64	64	64	64.5	67	72	74	77	76	78	80	84	76.5
70	66	67	69	70	75	76	76	81	81	86	90	80.9
60	68	80.5	82	88	92	92	92	94	93.5	95	97	84.6
59	56	59	63	70	75	90	90	92	93	88	92	80.5
55	49	46	45	52	59	63	67	72	78	80	80	71.9
65	66	58	49	51	57	64	69	77	78	80	86	72.7
49	51	50	49	53	60.5	68	70	71.5	73	79	81	68.2
53	53	51	49	54	59	61	65	71	73	73	79	68.2
47	44.5	69	74	61	67	71	73.5	75.5	80	84	88	70.2
62	85	64	63	67	68	73	77	82	80	78	83	76.3
55	52	61	64	66	72	88	86	84	85.5	87	88	75.1
60.5	53	63	65	71	72	76	78	82	85	83	87	75.2
82	89	92	89	92	93	93	93	94	94	92	92	83.9
62	57	67	71	75	76	79	82	86	87	88	87	80.1
70	64	69	77	77	90	91	91	92.5	93	93	95	84.5
66	71	77	81	82.5	80	85	89	89	91	92	94	84.4
65	61	69	75	76	76	77	83	88	89	91	92	80.2
62	66	59	66	69	75	81	82	89	90	90	93	81.1
61	61	61	65	71	75	76	77	89	93	92	93	79.8
62	60	70	76	79	84	88	89	89	90	88	91	81.8
77	86	92	93	91	91	94	95	95	95	95	94	86.8
61.8	62.4	65.2	68.1	70.5	74.6	78.6	80.9	84	85.5	86.5	88.8	78.1

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
21.9	21.9	22.1	22	22	21.3	21.1	22	21.8	21.3	21.1	21.3	21.1
20.8	21.7	21.1	21.7	20.6	21.5	21.4	21.9	21.8	21.8	21.7	21.5	21.1
20.6	20.3	20.7	20.6	22.7	20.3	21.2	21.8	22.4	22.2	21.7	21.2	21.3
21.5	20.3	20.9	21.3	21.8	21.7	21.6	21.7	21.6	21.3	21.5	21.6	21.2
22	22.1	22.1	22.7	20	20.8	21.1	21.1	21.1	21.2	21.3	21.2	21.2
20.9	21.1	22.6	23.2	22.5	22.6	22.1	22.1	22.5	22.5	22.3	21.9	21.5
21.1	22.1	20.7	21.2	22.3	22.1	22.4	22.8	22.9	22.6	22	21.8	22
21.5	22.3	21.2	21.7	21.3	21.1	21.8	21.9	21.7	22.2	21.9	21.8	21.4
21.4	20	21.5	21.8	22.7	22.9	23.1	22.5	22.8	22.4	22.5	22.9	21.9
22.3	22.5	21.6	21.7	21.3	21.3	21.5	21.6	22.3	22.1	22.4	22.3	22.2
22.3	22.9	22.8	23.3	21.3	21.9	22	22.8	22.4	22.7	22.8	23.1	22.3
24.1	23.2	23.6	23.7	23	23	22.8	22.8	23.2	23	23	23.1	23.4
22.7	22.2	23.8	23.6	24.2	24.4	23.9	23.6	23.7	23.2	23.2	23	23.4
22.2	21.9	22.3	22.9	23	22.9	23.1	22.1	21.8	22.2	21.9	21.4	22.6
21.5	20.1	19.2	18.4	19.1	19.6	19.1	20	20.7	20.7	20.5	20.5	20.8
22.1	22.5	21.9	18.7	18.6	18.6	19	19.4	19.6	19.5	19.1	19.1	20.5
18.3	19.1	18.9	19	19.8	20.1	20.1	20.1	20.2	20	20.4	20.4	19
19.3	20.4	20.1	19.8	20	19.3	18.9	18.4	18.9	18.6	18.5	18.5	19.8
17.8	18.2	20.5	23.7	20.6	20.4	20.4	20.4	20.3	21.1	21.5	21.4	19
22.8	22.4	21.5	20.9	20.8	20.3	20.5	20.9	21.1	20.6	19.9	20.4	21
20.4	21.1	20.9	21.2	22	21.9	21.8	22	21.8	21.7	21.6	21.7	21.1
21.1	20.4	20.6	19.3	21.7	20.7	20.9	20.7	21	21.3	21	21	20.8
20.3	20.3	20.9	20.9	21.3	21.5	21.5	21.4	21.2	21.2	21	20.7	20.6
20.7	20.6	20.7	20.5	21.2	20.9	21.1	21.3	21.8	21.7	21.5	21	20.9
22.7	22.7	22.6	21.9	21.7	21.7	21.5	21.6	22	22.2	22.1	21.9	21.8
21.2	22.2	22.3	22.4	21.2	20.7	21.6	22.2	22.2	21.8	21.7	21.8	21.9
22.7	22.8	22.9	22.7	21.1	20.9	21.4	22	22.1	21.8	21.8	21.7	21.8
22.4	22.6	21.1	21.5	22.4	21.6	22.3	22.1	22.5	22.3	22.4	22.3	22.3
22	22	22.2	23	22.5	22.7	22.7	22.9	23.4	22.8	22.9	22.8	22.4
21.9	21.9	23	23.8	23.6	23.5	23.5	23.8	23.6	23.7	22.7	23.3	23.1
23.2	20.5	21.7	22.3	23	23.2	23.1	23	23	23	22.9	22.6	22.8
21.5	21.4	21.5	21.7	21.6	21.5	21.6	21.7	21.9	21.8	21.6	21.6	21.5

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	A.-Cu.	Cu.	Ci.	Cu. NNE	----------	Cu. NE	----------	Cu.	----------	Cu.
2	Ci.-S.	Cu.	Ci.-S.	Cu. E	----------	Cu. E	Ci.	Cu. E	Ci.	Cu.
3	----------	Cu.	----------	Cu.-N.	----------	Cu.	----------	Cu.	Ci.	Cu.
4	Ci.	Cu.	Ci.-Cu.	Cu. NE	A.-Cu.	Cu. NNE	Ci.-S.	Cu.N.	Ci.-S.	Cu.-N.
5	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.-N. E
6	Ci.	Cu.	Ci.	Cu. SSE	Ci. NE	Cu. SSE	Ci. NE	Cu. SSE	Ci. NE	Cu.
7	Ci.-S.	Cu.	Ci.-S.	Cu. E	Ci.	Cu.-N. E	Ci.	Cu.-N.	----------	Cu.-N. E
8	Ci. ENE	Cu.	Ci. ENE	Cu. E	Ci.-S.	Cu. ESE	Ci.-S.	Cu. SSE	Ci.-S.	Cu.-N.
9	Ci.	Cu. SE	Ci.	Cu.	Ci.	Cu. SE	Ci.-S.	Cu.	Ci.	Cu.-N.
10	Ci.-S. E	Cu. ESE	Ci.-S.	Cu. ESE	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.
11	----------	Cu.	----------	Cu.-N.	----------	Cu.	----------	Cu.	----------	Cu.
12	Ci.-Cu.	Cu.-N. WNW	A.-Cu.	Cu.-N.	Ci.-Cu.	Cu.-N.	Ci.-Cu.	Cu.-N.	Ci.-Cu.	Cu.
13	Ci.	Cu. NE	Ci.	Cu. NE	----------	Cu. NE	----------	Cu. NE	Ci.	Cu.
14	Ci.	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu.
15	Ci. E	Cu.	Ci. E	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
16	A.-Cu.	Cu.	Ci. NE	Cu. SE	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
17	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
18	Ci.	Cu. ENE	Ci.-Cu. ENE	Cu. E	Ci. ENE	Cu. E	Ci. E	Cu. ESE	Ci.	Cu. ESE
19	----------	Cu.	A.-Cu.	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
20	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
21	Ci.	Cu.	Ci.	Cu. E	----------	Cu. E	Ci.	Cu. E	Ci.	Cu. E
22	Ci.	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E
23	Ci.-S.	Cu.	Ci.-S.	Cu. ENE	A.-Cu.	S.-Cu. E	A.-Cu. E	Cu.-N.	A.-Cu.	Cu.-N.
24	Ci.-Cu.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
25	A.-Cu.	N. ESE	A.-Cu.	N.	A.-Cu. ESE	S.-Cu. E	A.-Cu. ESE	S.-Cu. E	A.-Cu.	S.-Cu.
26	Ci.-S.	Cu.	Ci.-Cu. NbyE	S.-Cu. SE	A.-Cu.	Cu.-N. SE	Ci.-S.	Cu.-N. SSE	Ci.-S.	Cu.-N. S
27	A.-Cu.	Cu. ESE	Ci.	Cu. ESE	Ci.	Cu. ESE	Ci.-S.	Cu.	Ci.-S.	Cu.
28	----------	Cu. E	A.-Cu. N	Cu. E	----------	Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu. E
29	Ci.-S.	Cu.	Ci.-S.	Cu. SE	Ci.-S.	Cu. SE	Ci.-S.	Cu.	Ci.-S.	Cu.
30	Ci.-S. SW	Cu.	Ci.-S.	Cu. SE	Ci.-S.	Cu.-N. SE	Ci.-S.	Cu.-N. SE	Ci.-S.	Cu.-N.
31	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	----------	Cu.	----------	Cu.-N.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.	Cu.	Ci.	Cu. NE	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
2	Ci.	Cu.	----------	Cu.-N.	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N. SE
3	----------	Cu.	A.-Cu. WSW	Cu.	Ci.-Cu.	Cu.-N.	Ci.	Cu.-N.	A.-Cu.	Cu.-N. S
4	Ci.-S.	Cu.	A.-Cu.	Cu.-N.	Ci.-Cu.	Cu.	A.-Cu.	Cu.	Ci.-Cu.	Cu.
5	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu.
6	Ci.	Cu.-N.	Ci.	Cu.-N.	Ci.-S.	Cu.-N. SSE	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.
7	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N.
8	Ci.-S.	Cu.-N.	Ci.-S.	Cu.	Ci.-S.	Cu.-N.	Ci.-S.	Cu. ESE	----------	Cu. E
9	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	A.-Cu. ENE	Cu.-N.	A.-Cu. ENE	Cu.-N.
10	Ci.-S.	Cu.-N.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	S.-Cu. E	Ci.-S.	S.-Cu.
11	----------	Cu.	Ci.	Cu.-N.	Ci.-Cu.	Cu.-N.	A.-Cu. NE	Cu.-N.	A.-Cu.	Cu.-N.
12	Ci.-Cu. E	Cu.	Ci.-Cu. ESE	Cu.	----------	Cu.	----------	Cu.	Ci.-Cu.	Cu.
13	----------	Cu.-N.	----------	Cu.-N. E	----------	Cu.-N. E	----------	M.-Cu.	----------	N.
14	----------	Cu.	Ci.	Cu.-N.	Ci.	Cu.-N.	----------	Cu.-N.	----------	Cu.-N.
15	Ci.	Cu. E	Ci. NE	Cu. E	Ci. NE	Cu.	Ci.	Cu.	Ci.	Cu.-N.
16	Ci.	Cu.	Ci.	Cu. E	----------	Cu. E	----------	Cu.	----------	Cu.
17	----------	Cu.	Ci.	Cu.	A.-Cu. NE	Cu.-N.	Ci.	Cu.-N.	A.-Cu. NE	Cu.-N.
18	Ci.	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
19	----------	Cu.	A.-Cu.	Cu.-N. NE	A.-Cu.	Cu.-N. NE	----------	Cu.-N.	A.-Cu.	Cu.-N.
20	A.-Cu. E	Cu.-N. ENE	A.-Cu. E	Cu.-N. ENE	A.-Cu.	Cu.-N.	A.-Cu.	Cu.-N.	A.-Cu.	Cu.-N.
21	Ci.	Cu.	----------	Cu.-N.	----------	Cu.-N. E	----------	Cu.-N.	----------	Cu. E
22	Ci.-S.	Cu.	Ci.-S.	Cu.-N. E	A.-Cu.	Cu.-N. ENE	A.-Cu.	Cu.-N.	A.-Cu.	Cu.-N. E
23	----------	Cu.-N. SE	----------	Cu.-N. E	----------	N.	----------	N.	----------	N.
24	Ci.	Cu.	Ci.-Cu.	Cu.-N. ENE	A.-Cu.	Cu.-N.	----------	Cu.-N.	A.-Cu.	Cu.-N.
25	A.-Cu.	Cu.	Ci.-Cu.	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N.	----------	Cu.-N.
26	Ci.-S.	Cu.-N. SW	----------	Cu.-N. SW	----------	Cu.-N.	----------	Cu.-N.	----------	Cu.-N. SW
27	Ci.	Cu. SE	Ci.	Cu. SE	Ci.-S.	Cu.-N. SE	----------	S.-Cu. SE	Ci.-S.	Cu.
28	A.-Cu.	Cu. E	A.-Cu.	Cu.	A.-Cu.	Cu.-N.	A.-Cu.	Cu.-N.	Ci.-S.	Cu.-N.
29	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	----------	Cu.	----------	Cu.-N.
30	Ci.-S.	Cu.	Ci.-S.	Cu.-N. ESE	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N. SE	Ci.-S.	Cu.-N.
31	----------	Cu.-N. SW	A.-Cu.	Cu.-N. SSE	A.-Cu.	Cu.-N.	----------	Cu.-N.	A.-Cu.	N.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	NNW 1.5	NNW 1.5	N 0.5	Calm	Calm	Calm	Calm	NNE 0.5	NNW 1	NWbyW 4.5	W 4	W 2.5
2	N 2	N 1.5	N .5	NNE 2.5	NNE 1.5	Calm	Calm	NNW 1	W .5	W 3	WNW 3	WNW 4.5
3	SE .5	SE 1	E 1	ESE 1.5	Calm	Calm	Calm	Calm	W .5	SW 2.5	W 4.5	SW 2.5
4	Calm	Calm	N 2	NE 1	Calm	NE 1.5	NNW 1	Calm	Calm	WNW 4.5	WNW 2	WSW 4.5
5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SSE 1
6	Calm	Calm	ESE .5	Calm	NE 1	Calm	Calm	Calm	Calm	SW 1.5	WSW 1	W 4.5
7	Calm	Calm	Calm	Calm	Calm	Calm	NE .5	Calm	Calm	WSW 1	WSW 1.5	WSW 1.5
8	Calm	Calm	Calm	Calm	Calm	NE .5	NE .5	Calm	Calm	SSE 1.5	SW 3	SW 3
9	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SE 1	S .5	SW 1	W 1.5	WSW 3
10	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WSW 1	WSW 1	W 3
11	SSW 1.5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	S 1	SSW 1	WSW 4	W 2
12	WNW 2	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	W 1.5	W 2	WSW 4.5
13	Calm	SE 1	Calm	Calm	Calm	Calm	Calm	Calm	SW 2	SW 3	WSW 2.5	WSW 5
14	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	S .5	SW .5	WSW 1.5	WSW 2.5
15	Calm	Calm	Calm	Calm	Calm	Calm	N 1.5	NE .5	NE .5	SW 1	SE 3	ESE 7
16	N 3.5	Calm	N 1.5	N 1.5	N 1	E .5	N 1	N .5	SE 1.5	WSW 4	WNW 4.5	W 4
17	NE 1.5	NNE 1.5	Calm	N 1	Calm	NE .5	Calm	Calm	WNW .5	WNW 1.5	W 5	WNW 3
18	Calm	Calm	NE 1	Calm	Calm	NE .5	Calm	Calm	WSW 2.5	Calm	SW 1	SW 5
19	Calm	Calm	Calm	NE 1	NE 1	Calm	Calm	Calm	WNW 1.5	WSW 2	W 3	WNW 6
20	NE 1	NE 1	NE 1	NE 1	NE 1.5	Calm	NE .5	Calm	W 1.5	WSW 2.5	W 3	W 3
21	E .5	Calm	NNE 1.5	NNE 1.5	NNE 1.5	Calm	NE 1	Calm	SSE 1	ESE 2	SE 4.5	Calm
22	NE 1.5	NNE 2	NNE 1.5	NNE 1	NNE 1	N .5	NE .5	SE 1	WSW 1	W 3	ESE 3	SE 2.5
23	ESE 1	ESE 1.5	NE 1.5	NE 1	NE 1.5	Calm	Calm	Calm	WNW 1	W 3	WNW 4	Calm
24	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	W .5	WSW .5	W 3	W 3
25	N 1.5	N 2	N 1.5	N .5	NE .5	Calm	Calm	Calm	Calm	Calm	WSW 1	W 5
26	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SE 2	SSE .5
27	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SE 1.5	ESE .5	ESE 1	ESE .5	ESE .5
28	Calm	N 2	Calm	Calm	Calm	Calm	Calm	NE .5	NE .5	NE .5	SW 2	SW .5
29	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WSW 1.5	W 2.5	WSW 3	W 2
30	Calm	Calm	Calm	Calm	Calm	ENE 1	Calm	Calm	ESE 2	ESE 2	ENE 3	ESE 1
31	Calm	Calm	Calm	Calm	Calm	Calm	ENE .5	NE .5	E .5	WSW 3	W 2.5	WSW 2.5
Mean	0.6	0.5	0.5	0.4	0.3	0.2	0.2	0.2	0.7	1.8	2.6	2.6

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	WSW 2.5	SW 2.5	WSW 3	SW 2.5	WSW 3.5	SW 1.5	Calm	S 2	ESE 2	E 1	NE 0.5	Calm	1.5
2	WSW 3.5	W 1	WSW 2	NE 1	SE 2.5	Calm	Calm	SE .5	Calm	Calm	Calm	Calm	1.3
3	WSW 5.5	WSW 3.5	SW 2	WSW 5	S 3.5	SE .5	SE 2	SE 1.5	Calm	Calm	Calm	Calm	1.6
4	WSW 4.5	SW 2.5	WSW 2	SW 1.5	SW 1.5	SW 1	Calm	Calm	SSE 2	Calm	Calm	Calm	1.3
5	NW 3	W 1.5	WNW 2.5	Calm	SE 1	SE 4	SE 1.5	SE 1.5	ESE 2	ESE 1.5	Calm	Calm	.8
6	WNW 6.5	W 7.5	SSE 5.5	SSE 1	SSE 1.5	SSE 2.5	SSE 1.5	SE 2	Calm	Calm	Calm	Calm	1.5
7	S 4.5	WSW 5	NNW 1.5	NE 4	NE 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.9
8	SW 3	WSW 4.5	WSW 1	S 1	SW 4	WSW 2.5	SW 5	Calm	Calm	E 1	Calm	Calm	1.3
9	WSW 6.5	W 2.5	WSW 4.5	WSW 6	SW 4	SSW 6	WSW 6	W 3.5	SW 2.5	WNW 1	N 1	ENE 1	2.1
10	WSW 4.5	WSW 2.5	W 5.5	WSW 1.5	W 2	W 1.5	Calm	SW 2	Calm	Calm	Calm	Calm	1
11	WSW 2.5	SW 5.5	SW 4.5	WSW 6	SW 6	SW 7	WSW 4.5	SW 3.5	SW 3.5	SW 2	SSW 2.5	SSW 2.5	2.5
12	WSW 1.5	WSW 5.5	SW 3	SW 5	SSW 4	SW 3.5	SSW 5.5	SSW 3.5	S 1.5	Calm	S 1.5	SSE 1	1.9
13	W 5.5	SW 5.5	SSW 2	SSE 7	SSE 1	Calm	Calm	SE 1.5	Calm	SE 1	Calm	Calm	1.5
14	WSW 5.5	W 3	WSW 4.5	SW 6	SW 7.5	SSW 4.5	Calm	ENE 1	Calm	NE 1	N 1.5	Calm	1.6
15	ESE 6.5	SE 4.5	SSE 5	SSE 5.5	SE 2	Calm	SE 1.5	S 1	SE 1	SE 1	NE 1	NNE 1.5	1.8
16	W 5	WSW 3.5	SW 4	SE 3.5	SE 4.5	SEbyE 1	SE 1	SE 1.5	SE 1	SE 1.5	SE 1.5	Calm	2.1
17	WNW 7	WNW 5	WNW 3.5	WSW 2.5	WSW 1.5	SW 1	Calm	Calm	Calm	NE .5	Calm	Calm	1.5
18	WSW 3	WSW 3.5	SW 2.5	S 2	SE 4.5	SE 3.5	ESE 3	ESE 2	Calm	ESE 1.5	ESE 1.5	Calm	1.5
19	WNW 3	WbyN 1	NNE 2.5	ESE 1	ESE 1.5	ESE 1.5	ESE 1.5	ESE 2.5	ESE 2.5	E 1.5	Calm	Calm	1.4
20	WNW 4.5	ENE 6	NE 5	Calm	ESE 1.5	ESE 1.5	SE 1.5	ESE 1.5	Calm	ESE 1.5	ESE 1.5	Calm	1.7
21	SE 3	SE 1	NE 3	NE 3	Calm	E 1	SW 6	Calm	Calm	Calm	ENE 1.5	NE 1.5	1.4
22	SE 1	ESE 2	NNW 8	W 1.5	Calm	ESE 3	SE 2.5	SE 1.5	ESE .5	ESE .5	SE 1	Calm	1.7
23	NW 9.5	N 1	N 1	NE .5	Calm	Calm	Calm	Calm	Calm	NE 1	NE 1.5	NNE 1.5	1.3
24	WNW 4	WNW 2	NE 3	Calm	SE 1.5	SE 1	Calm	SE 1.5	Calm	SE 1.5	NNE 1.5	Calm	1
25	WSW 2	SW 1.5	S 7.5	S 3.5	S 1	E 1	Calm	Calm	SE 1	SE .5	Calm	Calm	1.2
26	WSW 3	SW 1.5	SSW 1	SW 2.5	SW 7.5	SW 4	SW 1.5	Calm	Calm	Calm	Calm	Calm	1
27	WNW 5	WNW 3.5	Calm	Calm	Calm	SW 1.5	SW 3.5	Calm	Calm	Calm	Calm	Calm	.7
28	SSW .5	SE 3.5	SE 4.5	SE 4	SSE 3.5	SE 2.5	SE 2.5	SSE 2.5	SSE 1	SE .5	Calm	Calm	1.3
29	W 4	W 3.5	WSW 5	SW 3.5	SW 4	SW 2.5	SW 1	SW 3	ESE 1.5	Calm	ENE 1	Calm	1.6
30	SSE .5	SSW 1.5	SW 3	Calm	Calm	Calm	Calm	Calm	ENE .5	E .5	SSW .5	Calm	.6
31	NW 3	N 3	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	ENE .5	.7
Mean	4	3.2	3.3	2.6	2.4	1.9	1.7	1.3	0.7	0.7	0.6	0.3	1.4

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	5	7.5	3.5	3	1	0	0	1.5	9	13.5	**19**	15
2	6	7	5	6	6	1	3	2	6	7	**17.5**	17
3	3.5	5	5.5	5	4	3.5	3.5	3.5	6	9	**19**	15
4	3	5	5	8	2	4	6	1	2	10	**17**	14
5	1.5	1	3	4.5	4	3.5	4	2.5	1.5	4.5	4.5	5
6	4	1	3.5	5.5	4	3.5	2.5	.5	3	6.5	10	11
7	3.5	1.5	1.5	3	4	4	4	4	4.5	8.5	12	11
8	2	3	4	2	3	5	4	5	5	8	8.5	6.5
9	3.5	3.5	2.5	2.5	5	4	3.5	5.5	8	8	13	15
10	3	4	1	3	1	0	1	4	6	6	8.5	10
11	5	3	4.5	3	4.5	3.5	4	4	6.5	9.5	8.5	12
12	12	4	3	3.5	4.5	5	4	4	4	4	12	11
13	4	5	4	5	4	4	5	3	5	10	13	15
14	2	5	4.5	3	4	3.5	2.5	4	5.5	7	9.5	14.5
15	2	4	2	2.5	.5	2	5.5	5	3	4	10	13
16	10	5	6	7	5	7	10	7	3	7	9.5	14.5
17	4.5	4.5	3.5	6	5	5.5	3.5	3.5	7.5	10.5	**17**	16
18	1	3	5	3	2	4	3	5	2	6	9.5	13
19	3.5	4.5	3.5	5	3.5	4.5	3.5	3	5	12.5	16	14
20	2	4	4	4	5.5	4	3.5	.5	6	7.5	18	12
21	3	4	6	5	6	8	8	4	6	8	13.5	11
22	7.5	9	9	7	4.5	4.5	6	3	7.5	9.5	10	10
23	4	4	7	5	5	3	4	2	6	8	12.5	8.5
24	4.5	4	4.5	2.5	2.5	3	4	2.5	3.5	6.5	15	13
25	6	6	8	2	2	2	2	3	2.5	3.5	8	9
26	2	3	3	5	2	4	4	3	4	4	9.5	9.5
27	3	4	3	4	4	3.5	3.5	4	6	5	7	6.5
28	3	3.5	3	3	3	3	2	4	5	5	11	9
29	1	1	2	2	3.5	3.5	4	2	5	8	15	10
30	11	2.5	4.5	3	3.5	3	3.5	2	6.5	8	10	7
31	4	2	2.5	4	2.5	3.5	4	5	4.5	6.5	11	**15**
Mean	4.2	4	4.1	4.1	3.6	3.6	3.9	**3.3**	5	7.5	12.1	11.7

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	4	2	3	1	2	2	3	3	3	4	4	7	**3.2**	**9**	35
2	8	9	6	3	5	5	4	3	8	10	10	10	6.8	6	45
3	5	2	4	3	4	5	3	8	**8**	6	9	8	5.4	7	55
4	8	7	7	8	8	8	4	5	6	7	9	9	7.2	6	30
5	8	10	10	**9**	**8**	8	9	9	10	10	8	8	8.9	**0**	**00**
6	5	5	7	6	8	6	7	7	8	10	10	10	7.4	6	45
7	5	3	5	6	7	8	9	10	10	10	10	10	7.8	6	05
8	4	6	6	7	7	7	7	6	7	6	8	10	6.8	9	50
9	8	8	7	7	7	7	8	8	7	8	7	9	7.6	8	25
10	8	9	8	10	9	10	9	10	10	10	10	10	**9.4**	1	30
11	2	2	4	3	3	3	4	8	8	8	9	10	5.3	9	40
12	6	10	8	7	7	9	7	7	4	4	8	9	7.2	7	40
13	6	5	5	6	**4**	5	4	10	10	10	10	8	6.9	6	20
14	7	5	4	5	**4**	3	3	5	6	7	8	9	5.5	9	10
15	3	4	5	6	6	7	7	7	7	7	6	5	5.8	9	55
16	4	4	4	7	6	8	6	8	8	4	3	3	5.4	8	55
17	1	0	0	0	2	2	2	3	7	6	7	8	**3.2**	**10**	**30**
18	4	4	5	6	7	7	4	3	3	3	2	1	4.1	10	20
19	1	0	3	1	3	2	3	7	8	9	9	9	4.6	9	50
20	1	2	3	3	4	4	7	8	9	8	10	7	5.5	9	10
21	3	4	4	3	5	6	5	4	7	8	9	10	5.7	9	15
22	2	5	5	5	6	7	7	9	10	10	9	10	7.1	7	35
23	7	6	9	10	10	10	10	10	10	10	10	10	9.3	2	40
24	3	5	7	9	8	8	6	9	9	10	10	10	7.8	6	25
25	10	10	10	9	9	8	8	7	8	10	10	10	9.1	3	45
26	5	6	9	8	8	9	8	9	10	10	10	10	8.5	4	40
27	5	5	5	5	6	5	4	4	8	9	7	7	5.8	7	05
28	5	4	7	9	8	8	8	8	8	8	8	9	7.5	5	10
29	3	4	5	6	6	7	6	5	4	5	8	8	5.6	9	30
30	8	8	8	8	8	9	9	9	10	10	10	10	8.9	4	20
31	3	3	4	6	5	8	8	10	9	9	9	**9**	6.9	5	00
Total														220	15
Mean	**4.9**	5.1	5.7	5.9	6.1	6.5	6.1	7.1	7.7	7.9	8.3	**8.5**	6.7	7	06

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
14	14	13	13	15	14	5	7	8	6	3	4	8.1
13.5	16.5	14	11	10.5	8	5	4	2.5	4	2	2	7.4
15	13	16	16	16	16	7	9	4	3	3	4	8.5
15	14.5	11.5	11	8	6	5.5	4.5	8	5.5	4	3	7.2
12	10	8	6	10	8	8	8	9	7.5	5.5	4	5.6
20	19	16	5	6	8	8.5	7.5	5	2	2	1.5	6.5
16	**17**	8	16	8	6	6	2	1	3	4	2	6.3
11	14	**18**	10.5	10.5	16	14.5	7	3	5	5	3.5	7.2
17	15	18	24	**26**	23	18	17	13	7	5	5	10.9
13	15.5	**19.5**	11.5	12	8	7.5	6.5	3.5	4	3	4.5	6.5
18	20	21	**29**	21	23	21	20	15	14	12	8	**12.1**
17	15	20	21	**22**	**22**	20	18	14	6	4	7	10.7
14.5	**16.5**	13.5	14	7	3	2	5	4.5	3.5	3.5	4	7
15.5	12	16.5	22.5	22	**23**	13.5	2	5.5	6	5.5	2.5	8.8
12	14	14	**18**	14	9	7	7	4	4	6	7	7.1
12.5	10.5	12	12.5	**17**	13.5	9	8.5	4.5	6.5	6.5	3	8.6
16	16	**17**	13	9	10	8	4	3	5	4	2	8.1
15.5	14	12.5	9.5	13.5	**18.5**	13.5	8.5	8	7	7	5.5	7.9
16.5	15.5	**20**	14.5	11.5	11	9.5	10.5	10	9	3.5	.5	8.8
15	**20**	17	11	11	10	8	7	5	6	9	6	8.2
9.5	12	13	16.5	11	3.5	**19.5**	9.5	4.5	3.5	5.5	7	8.2
12	**16**	15	10	2.5	9.5	10	6	5	5	5	4	7.8
16.5	**21**	10.5	4.5	3	0	.5	1	2	4.5	6.5	6.5	6.1
17	14	9	6	14	9	8	5	5	3	9	6	7.1
10	11	**16**	15	9	13	5	7	4	6	3	3	6.5
14	14	9	10	**20.5**	14.5	8	4.5	2.5	3.5	2.5	3	6.6
9.5	**13.5**	10.5	5	5.5	4	8	5.5	2	3	3	1.5	5.2
8	10	16	**19**	15	14	9	6	8	5	7	2	7.2
12	13	15	19	19	**22**	18	16	10	6	7	4.5	9.1
10	7.5	**14**	11.5	7.5	2.5	2.5	2.5	3.5	5	3.5	3.5	5.8
14	13	4	3	3	0	1	1	1	1	1	2	**4.5**
13.9	**14.4**	14.1	13.2	12.3	11.2	9.2	7.3	5.7	5.1	4.9	3.9	7.6

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	1	1	1	-----	1	1	-----	-----	1	-----	3	3	2	-----	1	3	6	194	5.5	-----
2	3	2	1	-----	-----	-----	2	-----	-----	-----	-----	2	3	2	-----	1	8	176.5	4.2	-----
3	-----	-----	-----	-----	1	1	5	-----	1	-----	3	3	2	-----	-----	-----	8	204.5	4.9	-----
4	1	-----	2	-----	-----	-----	-----	1	-----	-----	4	3	-----	2	-----	1	10	173.5	5	-----
5	-----	-----	-----	-----	-----	2	4	1	-----	-----	-----	-----	1	1	1	-----	14	135.5	4	-----
6	-----	-----	1	-----	-----	1	1	5	-----	-----	1	1	2	1	-----	-----	11	155.5	4.4	-----
7	-----	-----	3	-----	-----	-----	-----	-----	1	-----	-----	4	-----	-----	-----	1	15	150.5	3.2	6.4
8	-----	-----	2	-----	1	-----	-----	1	1	-----	5	3	-----	-----	-----	-----	11	174	4.8	-----
9	1	-----	-----	1	-----	-----	1	-----	1	1	3	5	3	1	-----	-----	7	262	5.7	-----
10	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1	5	4	-----	-----	-----	14	156	3.6	-----
11	-----	-----	-----	-----	-----	-----	-----	-----	1	4	7	4	1	-----	-----	-----	7	**290**	5.1	4.6
12	-----	-----	-----	-----	-----	-----	-----	1	2	3	3	3	2	1	-----	-----	9	257	4.7	4.6
13	-----	-----	-----	-----	-----	-----	3	2	-----	1	3	2	1	-----	-----	-----	12	168	3.3	-----
14	1	-----	1	1	-----	-----	-----	-----	1	1	3	4	1	-----	-----	-----	11	211.5	4	1
15	1	1	3	-----	-----	2	6	2	1	-----	1	-----	-----	-----	-----	-----	7	169.5	6.6	-----
16	6	-----	-----	-----	1	-----	9	-----	-----	-----	1	2	2	1	-----	-----	2	207	5.5	-----
17	1	1	3	-----	-----	-----	-----	-----	-----	-----	1	2	1	6	-----	-----	9	194	6.9	-----
18	-----	-----	2	-----	-----	4	2	-----	1	-----	3	3	-----	-----	-----	-----	9	189.5	7	-----
19	-----	1	2	-----	1	6	-----	-----	-----	-----	-----	1	1	4	-----	-----	8	210.5	5.7	7.4
20	-----	-----	7	1	-----	5	1	-----	-----	-----	-----	1	3	1	-----	-----	5	196	5.1	.2
21	-----	3	4	1	2	1	3	1	-----	-----	1	-----	-----	-----	-----	-----	8	197.5	5.6	.8
22	1	4	2	-----	-----	5	6	-----	-----	-----	-----	1	2	-----	-----	1	2	187.5	5.2	-----
23	2	1	6	-----	-----	2	-----	-----	-----	-----	-----	-----	1	2	1	-----	9	145.5	1.8	.6
24	-----	1	1	-----	-----	-----	4	-----	-----	-----	-----	1	3	2	-----	-----	12	170.5	4.1	.5
25	4	-----	1	-----	1	-----	2	-----	3	-----	1	2	1	-----	-----	-----	9	156	2.5	17.8
26	-----	-----	-----	-----	-----	-----	1	1	-----	1	5	1	-----	-----	-----	-----	15	159	2.4	1
27	-----	-----	-----	-----	-----	4	1	-----	-----	-----	2	-----	-----	2	-----	-----	15	124.5	3.7	-----
28	1	-----	3	-----	-----	-----	6	3	-----	1	2	-----	-----	-----	-----	-----	8	173.5	3.2	-----
29	-----	-----	-----	1	-----	1	-----	-----	-----	-----	5	3	4	-----	-----	-----	10	218.5	4.1	4.4
30	-----	-----	-----	3	1	3	-----	1	-----	2	1	-----	-----	-----	-----	-----	13	138	3.3	-----
31	1	-----	1	2	1	-----	-----	-----	-----	-----	-----	2	1	-----	1	-----	15	**108.5**	**1.6**	4.6
Total	24	15	46	10	10	38	57	19	14	14	59	61	41	26	4	7	299	5,654	136.7	53.9
Mean	0.8	0.5	1.5	0.3	0.3	1.2	1.8	0.6	0.5	0.5	1.9	2	1.3	0.8	**0.1**	0.2	**9.6**	182.4	4.4	1.7

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°C.		*Per cent.*	*mm.*	*mm.*		°C.		*Per cent.*	*mm.*
1	759.15	10.35p.	33.6	2.20p.	95	22.2	755.70	3.45p.	22.7	5.25a.	60	19.8
2	59.70	9.10a.	33.7	2.10p.	91	21.9	56.15	2.35p.	24	5.55a.	58	19
3	58.90	10.10p.	33.2	1.40p.	94	22.7	**55**	3.55p.	23.9	4.55a.	58	20.3
4	59.30	9.30a.	33.6	3.10p.	92	22.7	55.85	3.10p.	23.6	5.40a.	56	20.2
5	59.36	10.00a.	32.1	11.45a.	90	22.7	56.35	4.25p.	24.3	5.20a.	60	20
6	59.40	9.40p.	34.3	1.30p.	92	23.2	56.20	1.50p.	22.6	5.30a.	56	19.6
7	59.45	8.45a.	34.1	0.50p.	95	23.6	56.50	2.25p.	24	5.10a.	57	20.7
8	60.10	10.30p.	34	1.45p.	96	22.3	56.25	3.30p.	22.6	5.35a.	57	20
9	59.80	9.50p.	34.3	1.30p.	94	23.2	56.84	3.00p.	24	4.05a.	57	20
10	59.30	10.35p.	32.9	0.05p.	93	23.4	56.75	3.20p.	24.5	5.35a.	64	21.3
11	**58.75**	0.05a.	33.6	2.35p.	95	23.3	55.55	3.50p.	23.6	5.45a.	64	21.3
12	59.70	10.45p.	32.8	3.25p.	**98**	24.7	56.25	4.05p.	**25.5**	3.55a.	**66**	**22.7**
13	60.05	10.45p.	34.1	0.55p.	97	24.4	56.75	2.25p.	24.9	11.55p.	60	22.2
14	60.75	10.55p.	34.7	2.25p.	96	**24.8**	57.05	3.40p.	23.9	5.30a.	56	21.4
15	61	7.55a.	**36**	1.50p.	95	22.8	57.38	4.00p.	23.5	4.40a.	45	18.4
16	60.59	8.00a.	34.6	3.40p.	91	22.5	57.15	4.15p.	23.5	11.55p.	49	18.6
17	61.10	10.15p.	35	3.15p.	89	**20.4**	57.30	3.25p.	21.1	5.40a.	49	17.2
18	**61.30**	9.55a.	35.1	4.05p.	90	20.9	57.60	4.35p.	23.5	5.10a.	49	18.4
19	60.59	8.00a.	35.8	2.20p.	88	23.7	57.34	4.00p.	**20.7**	5.15a.	**44.5**	**16.8**
20	59.70	10.15p.	34.7	1.25p.	93	22.8	56.85	2.40p.	23.4	4.50a.	62	19.9
21	59.45	10.30p.	35.1	2.35p.	91	22	56	2.35p.	23.5	5.45a.	52	20.3
22	59.65	10.00p.	35	0.45p.	91	21.8	56.90	2.25p.	23.5	5.40a.	53	19.3
23	60.30	9.55p.	**31.3**	11.40a.	94	21.5	**58.35**	3.00a.	23.8	11.55p.	64	19.7
24	59.70	10.05p.	33.6	1.55p.	96	21.8	56.90	2.25p.	22.8	5.45a.	57	20.2
25	59.15	0.05a.	33.3	2.20p.	95	22.7	55.85	3.35p.	23.7	4.50a.	64	20.6
26	59.60	10.50p.	32.7	0.05p.	97	22.9	57.05	2.55p.	23.9	3.55a.	60	20.7
27	59.80	8.50a.	34	2.20p.	96	23.1	57.15	2.25p.	23.3	5.25a.	55	20.7
28	59.35	8.00a.	33	3.05p.	95	24.1	56.10	5.00p.	23.7	4.35a.	59	21.1
29	59.05	8.55a.	34	1.35p.	96	23.4	55.30	3.35p.	23.4	5.45a.	61	21.1
30	59.05	8.50a.	33.3	11.35a.	96	24.5	56.25	5.10p.	24.3	5.15a.	60	21.9
31	59.40	10.05p.	33.7	0.10p.	95	23.9	57.05	2.10a.	24.5	5.30a.	63	20.5
Mean	759.76		33.9		93.7	22.9	756.57		23.6		57.3	20.1

DAILY GENERAL REMARKS.

1____Cloudy weather.
2____[◹ SE in the afternoon; ◺ W, NW in the evening.
3____[◹° S quadrant in the afternoon; ⊽, ◺° N quadrant in the evening.
4____◺° NW early in the morning; ◺ NE in the evening.
5____☿° early in the morning; ∪° in the evening
6____☿° early in the morning; ⊤ E quadrant in the afternoon.
7____☿° early in the morning; [◹ NE quadrant in the afternoon; ● in the afternoon and evening.
8____[◹ SE quadrant in the afternoon; ◺ various points in the evening.
9____Convergence of Cirrus toward N in the morning and afternoon; ◺ NE quadrant in the evening.
10____[◹° W, ☿° early in the morning.
11____☿° early in the morning; [◹ SE quadrant in the afternoon; ◺° N in the evening.
12____Thundershowers in the morning; convergence of Cirrus toward E in the afternoon; ◺ N quadrant in the evening.
13____[◹° NNE and SW, d° in the afternoon.
14____[◹ NE quadrant in the afternoon; ●° in the evening.
15____[◹° N quadrant in the afternoon.
16____◺° NW in the evening.
17____☿° early in the morning; [◹ NE quadrant in the afternoon.
18____Cloudy weather.
19____☿° early in the morning; ⌒, thundershowers came from NE quadrant in the afternoon.
20____[◹ NE and S quadrants, d^2 in the afternoon.
21____☿° early in the morning; [◹° NE and SW in the afternoon; p°, [◹ SW in the evening.
22____d° in the morning; [◹° N and S quadrants in the afternoon.
23____[◹ NE and SW quadrants in the forenoon; [◹ N, d in the afternoon.
24____d° in the morning; [◹ NE and S quadrants in the afternoon.
25____●° in the morning; ● in the evening.
26____●° early in the morning; ⊕² in the morning; [◹ SW and SE quadrants at noon; ●°, ⊤° NW in the afternoon.
27____⊤° N, ENE and S in the afternoon.
28____☿ early in the morning; [◹° N in the afternoon; ◺ WNW in the evening.
29____☿ early in the morning; ◺ N in the evening; d^2 at night.
30____● in the early morning; [◹ N quadrant in the afternoon.
31____☿ early in the morning; [◹ NW quadrant, ●° in the afternoon; ⊽° in the evening.

OBSERVATIONS FOR JUNE, 1917.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	58.45	58.05	58.15	58.10	58.35	58.80	59.30	59.71	**59.74**	59.68	59.32	58.54
2	58.35	58.10	57.95	57.80	57.95	58.44	58.90	59.08	**59.14**	58.98	58.54	58.04
3	57.30	57.40	57.20	56.85	57.05	57.49	57.89	58.29	58.43	58.35	57.97	57.33
4	57.55	57.15	57.25	57.30	57.25	57.65	57.92	57.73	57.83	57.73	57.56	57.27
5	57.85	57.60	57.45	57.70	57.75	58.07	58.54	59.10	59.09	59.01	59.07	58.65
6	58.85	58.70	58.60	58.75	58.80	59.04	59.16	59.41	59.42	59.25	58.95	58.53
7	58.65	58.50	58.30	58.40	58.40	58.69	59.02	59.17	59.19	59.13	58.84	58.30
8	58.80	58.50	58.25	58.10	58.35	58.65	58.84	58.93	59.01	59.07	58.55	57.99
9	59.20	58.80	58.45	58.20	58.65	59.21	59.55	**60.03**	59.94	59.88	59.70	59.34
10	58.95	58.65	58.65	58.50	58.65	59.09	59.19	59.25	59.44	59.11	58.77	58.46
11	58.65	58.25	58.25	58.40	58.45	58.64	58.47	**58.68**	58.59	58.48	58.13	57.86
12	57.60	57.15	57.15	57.15	57.75	58.05	58.27	**58.52**	58.51	58.13	57.76	57.59
13	57.45	57.15	57.10	57.40	57.80	57.92	**58.33**	**58.33**	58.28	58.03	57.86	57.24
14	57.65	57.40	57.40	57.40	57.80	58.17	58.50	58.86	58.86	58.77	58.40	57.68
15	58.80	58.85	58.55	58.30	58.55	59.02	59.73	59.70	59.62	59.72	59.58	58.98
16	**59.35**	58.75	58.10	58.20	58.50	58.57	58.68	58.62	58.79	58.66	58.44	58.03
17	57.75	57.15	56.90	57.05	57.15	57.62	57.64	**58.04**	57.91	57.78	57.42	56.92
18	57.40	57	56.75	56.85	56.95	57.10	57.59	57.44	57.81	57.84	57.63	57.12
19	58.05	**57.55**	57.75	57.80	58.15	58.69	59.07	59.40	59.62	59.42	59.18	59.01
20	59.05	58.65	58.75	58.75	58.80	59.11	59.40	59.44	59.64	59.57	59.49	59.07
21	59.10	58.70	58.50	58.30	58.30	58.65	58.94	58.94	58.84	58.83	58.78	58.28
22	58.45	58.05	58.10	58.10	57.70	57.86	58.11	57.74	57.69	57.90	57.86	57.51
23	58.30	57.55	56.95	56.90	57	57.44	57.79	57.80	58.16	57.95	57.54	57.06
24	58.55	58.15	58	57.80	58	58.29	58.73	58.58	58.28	57.92	57.75	57.73
25	57.45	57.45	57.30	57.35	57.55	57.81	57.70	57.65	57.55	57.49	57.30	57.26
26	57.10	56.85	56.15	55.95	55.75	56.11	55.98	56.21	56.45	56.53	56.33	55.87
27	56.50	56.15	**56.10**	56.20	56.20	56.64	56.97	57.62	57.85	58.30	58	57.39
28	58.45	58.15	58.15	58.15	57.95	58.32	59.05	58.95	59.21	59.29	59.03	58.76
29	**60.30**	59.55	59.15	58.90	58.80	59.19	59.68	59.62	59.57	59.24	58.81	58.22
30	58.95	58.60	58.30	58.30	58.30	58.43	58.74	58.69	58.82	**59.22**	58.68	58.48
Mean	58.30	57.95	57.79	57.76	57.89	58.23	58.52	58.65	58.71	58.64	58.37	57.95

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	25	24.9	24.6	24.7	24.8	24.8	25.4	26.8	28.4	29.2	30.1	31.2
2	24.7	24.6	24.4	24.4	24.3	24.6	25.7	27.3	29.1	29.6	30.3	30.6
3	24.4	24.6	24.6	24.4	**24**	24.4	26.9	29.3	29.8	29	29.4	**31.3**
4	24.8	24.6	24.2	**24**	**24**	24.2	25.9	28.8	30	31.9	30.5	31.3
5	26	25.4	25	25.1	24.9	**24.7**	26.9	29.4	31.1	31.8	32.9	33.1
6	25.9	25.7	25.2	**25.1**	**25.1**	25.5	28.2	30.6	31.8	32	32.1	32.9
7	25.2	25.3	25.2	24.5	24.2	**24.1**	25.1	28.4	31.2	30.4	30.2	31.8
8	26.1	25.2	24.7	24.5	**24.1**	24.3	27.4	30.4	31.9	32.4	33.2	33.9
9	25.7	25.4	24.9	**24.6**	**24.6**	24.8	26.4	28.5	30.2	31	32	32.5
10	25	24.9	25	24.7	**24.4**	**24.4**	27.1	29.5	31	31.5	32.5	**33.1**
11	24.8	24.3	24	23.8	**23.4**	23.7	26.6	29.2	31.6	30.2	32.6	32.5
12	26.1	25.6	24.7	24.3	**24.1**	24.2	27.1	29.8	31	31.8	33.1	33.7
13	25.4	24.9	24.2	23.7	**23.2**	23.4	27.3	30	31.3	32.3	33.1	33.7
14	26	24.9	24.3	23.8	**23.4**	23.7	27.1	29.7	31.6	32.5	33.4	**34.5**
15	24.1	24.4	24	23.8	**23.6**	24.1	26.7	28.5	29.4	31.5	30	31.5
16	25.6	25.3	25.4	25.3	25	**24.7**	27.5	30.3	31.3	30	31.3	32.4
17	26.5	26.1	25.4	25	**24.8**	25	27.8	30.7	32	31.2	32.8	32.8
18	26.4	25.7	25.3	24.8	**24.5**	24.8	27.7	29.9	28.6	29	31.1	32.6
19	**24.5**	25.8	24.9	24.6	24.6	25	27.5	29	**31.4**	30.4	30	30.8
20	25	24.7	24.6	24.4	**24**	**24**	26.3	29	30	30.5	31.5	31.5
21	26.4	25.7	25.4	25.2	25	25.2	28.2	30	30.5	30.7	31	31.8
22	23.6	**23.2**	23.6	23.5	23.7	24	26	27.1	28.8	30	**31.1**	30.2
23	23.6	23.6	23.4	23.2	**23**	23.1	25	27.6	28	29.8	30.3	30.6
24	23.9	24	23.9	**23.8**	**23.8**	24	25.9	27.7	29.2	30.1	31.4	31
25	24.5	24.3	24.2	24.1	**23.7**	23.8	25.8	27.1	28.4	28.6	29.2	31
26	24.3	24	24	23.9	23.9	24	24.7	26.4	24.9	26.6	28.9	29.5
27	23.6	23.5	23.5	**23.4**	23.5	23.6	24.6	24.7	26.3	25	25.6	25.6
28	23.9	23.8	23.7	23.3	**23.2**	23.5	24.7	26.6	28.8	29.9	31	**31.5**
29	25.4	25.2	24.8	24.6	24.6	25.3	27.4	30	30.6	31.3	32.4	32.4
30	24.4	24.4	24.3	24.2	23.8	23.7	25.8	28.6	30.1	29.5	**30.3**	29.1
Mean	25	24.8	24.5	24.3	**24.1**	24.3	26.5	28.7	29.9	30.3	31.1	31.7

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
57.64	57.02	**56.25**	56.34	56.75	57.05	57.69	58.45	58.90	59.20	58.95	58.60	58.29
57.69	56.57	**56.27**	56.37	56.97	57.68	57.85	57.80	57.90	57.95	58.05	57.70	57.92
56.53	56.37	56.31	**56.13**	56.39	56.59	56.95	57.55	58.05	**58.45**	58.25	57.75	57.37
56.79	56.35	**56.19**	56.22	56.47	57.07	57.60	57.70	58.25	58.35	**58.70**	58.55	57.43
57.95	57.06	56.46	**56.09**	56.33	57.04	57.55	58.30	59.05	59.15	**59.35**	59.10	58.05
57.87	57.30	**56.73**	56.81	56.76	57.22	58.07	58.90	58.95	**59.55**	**59.55**	59	58.51
57.57	57.05	56.45	**56.23**	56.28	56.86	57.51	58.15	58.90	59.20	**59.35**	59.15	58.22
57.59	57.23	57	**56.84**	57.19	57.54	58.02	58.60	59.30	59.70	**59.75**	59.40	58.38
58.14	57.70	57.39	57.05	**56.88**	57.49	57.71	58.40	58.90	59.25	59.20	59.35	58.68
57.82	57.60	57.12	**57.02**	57.55	57.92	58.20	59	**59.50**	59.45	59.40	59.15	58.60
57.37	56.91	56.36	**56.20**	56.25	56.81	57.37	57.75	58	58.25	58.35	58.15	57.86
57.08	56.70	56.44	**56.35**	56.53	56.91	57.49	57.85	58.05	58.50	58.30	57.90	57.57
56.56	56.04	55.73	**55.55**	55.83	56.04	56.59	57.30	57.65	58.20	58.10	57.90	57.27
57.14	56.52	56.30	**56.19**	56.39	56.65	57.20	58.05	58.80	59	59.20	**59.30**	57.82
58.32	57.86	57.30	**57.24**	57.54	58.06	58.65	59.50	60.05	**60.35**	59.95	59.90	58.92
57.27	56.46	55.78	55.60	**55.55**	56.03	56.75	57.60	57.95	58.25	58.30	58.05	57.76
56.16	55.44	54.89	**54.50**	55.31	56.06	56.65	57.15	57.65	57.95	57.85	57.75	56.95
56.31	55.94	**55.84**	55.94	56.37	56.80	57.47	58.50	58.60	58.65	**58.75**	58.35	57.29
58.48	58.02	57.83	58.09	58.13	58.46	58.78	59.25	59.70	**59.85**	59.80	59.65	58.74
58.55	58.44	58.09	**57.95**	58.19	58.30	58.73	59.40	59.90	**60.05**	59.70	59.60	**59.03**
57.76	57.34	56.99	**56.69**	56.95	57.42	58.39	58.50	59.20	**59.90**	59.80	59	58.42
57.05	56.73	56.44	**56.18**	56.72	57.29	57.64	57.80	58.55	**58.95**	58.75	58.35	57.73
56.62	56.59	**55.87**	56.18	56.68	57.19	57.52	57.95	58.55	**58.85**	58.65	**58.85**	57.50
57.27	**56.87**	57.31	57.23	57.27	57.49	58.10	58.35	58.95	59.05	**59.45**	57.55	58.03
56.52	**55.62**	55.67	55.76	56.07	56.32	56.81	57.35	57.40	57.85	**57.95**	57.60	57.12
55.15	54.99	54.87	**54.57**	54.64	55.33	55.91	56.40	56.95	57.20	**57.80**	57.40	**56.10**
57.31	57.35	57.29	57.13	57.35	57.66	58.38	58.95	59.20	**59.50**	59.05	58.50	57.57
58.31	58.12	58.01	**57.86**	58.41	58.88	59.29	59.85	60.45	**60.85**	**60.85**	60.55	58.95
57.81	57.26	**57.08**	57.24	57.51	58.30	58.68	59.05	59.35	59.55	59.60	59.30	58.82
58.02	57.72	57.07	**56.59**	56.74	57.02	57.76	58.20	58.10	58.45	58.50	58.50	58.17
57.36	56.91	56.58	**56.47**	56.73	57.18	57.71	58.25	58.69	**58.98**	**58.98**	58.66	57.97

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
31.6	32.2	**33**	31.7	29.5	27.2	27.1	26.3	26	24.8	**24.4**	24.8	27.4
30.5	31.3	**31.6**	29.3	26.3	24.3	24.2	24.2	24.1	24	**23.9**	24	26.6
31.3	29.8	29.9	29.7	29	28	26.8	27	26.2	26	25.7	24.9	27.4
32.7	31.3	31.4	31	30	29.2	28.2	27.6	27.5	26.8	26.6	26.4	28
33.6	34	**34.1**	33.3	32.8	30.7	29.2	29.1	28.9	27.8	27.2	26.4	**29.3**
32.5	33.4	**33.6**	31.6	29.1	28.9	29.9	28.9	28.2	27.4	27.5	25.9	29
32.3	33	33.5	**33.6**	32.6	30.7	29.4	28.5	27.9	27	27.1	26.5	28.7
34.6	**34.6**	32.1	32.2	28.8	28.7	28.2	27.9	28	27.6	26.1	25.6	28.9
33.2	**33.5**	32.2	32.7	32.3	30.4	29	28.2	27.3	26.1	26	25.3	28.6
32.5	31.5	31.8	32.1	30.7	28.8	28.3	27.1	26.7	26.1	25.7	25.2	28.3
32.8	32.7	32.3	31.5	30.8	30	28.5	27.4	27.1	26.3	25.9	26.2	28.3
34	**34.1**	33.9	33.2	31.7	30.8	29.2	28.6	27.6	26.6	25.8	25.5	29
34.5	33.7	34.3	33.8	32.6	30.9	29.4	28.4	27.6	27	26.4	26.4	29.1
34.5	34.4	**34.5**	34	31.9	31.3	29.8	28.6	28.3	28.2	27.3	25.3	**29.3**
32.6	**33**	32.6	32.7	31.8	30.2	29	28.4	28.1	27.8	27	26.1	28.4
32.9	34.1	33.7	**34.5**	33.4	31.1	29.8	29.4	28.6	27.7	27.2	26.8	**29.3**
33	**33.1**	32.9	32.4	29.8	29.4	29.2	26.4	25.9	25.5	25.5	26	28.7
32.7	31.9	31.2	30	29.5	27.7	25.6	25.6	25.2	24.7	24.6	24.6	27.6
31.4	30.2	27.6	27	26.6	26.3	25.8	25.8	25.6	25.5	25.4	25.4	27.1
31.7	29.5	31.2	31.5	30.2	29.4	29.1	29.1	28.7	28.5	27.1	26.6	28.3
32.1	**32.4**	32.1	31.3	30.3	30	25.2	24.4	24.8	24.6	**23.6**	**23.6**	27.9
29.1	29	28.4	28.8	24.9	24.7	24.1	23.9	24.1	24.1	24.1	23.5	26
30.8	30	29.6	29.9	**29.2**	28.8	28.5	26.6	25.5	24.3	24.2	24.1	26.8
32.1	29.7	25.6	25	26	26	25.4	25	24.9	25.1	25.1	24.7	26.4
31.2	**31.8**	30.2	26.4	26.8	27.1	26.3	25.5	25.4	25.2	24.5	24.3	26.6
29.1	29.1	**29.9**	29.3	28.5	24.6	24.1	23.7	23.6	**23.5**	**23.5**	23.9	25.7
25.9	26.5	26.7	**28.3**	27.6	26.7	25.6	24.8	24.9	24.4	24.4	24.1	**25.1**
29.8	30.7	29.8	29.7	29.6	28.5	27.5	26.6	27.8	27.4	26.1	25.9	27.2
33	**33.2**	33	29.7	30.4	25.8	25.4	24.7	**24.5**	**24.5**	**24.5**	**24.5**	27.8
28.1	25.8	26.8	29.6	28.6	27.1	26.1	25.9	25.8	25.9	24.9	24.8	26.6
31.9	31.6	31.3	30.9	29.7	28.4	27.5	26.8	26.5	26	25.6	25.2	27.8

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	94	94	95	94	94	93	92	87	78	76	73	70
2	95	95	96	95	**97**	94	90	84	76	75	74	70
3	**93**	**93**	92	90	92	91	81	71	70	74	74	**66**
4	90	89	92	**93**	**93**	**93**	88	79	72	62	72	68
5	88	91	93	93	93	**95**	84	74	65. 5	64	61	60
6	93	93	95	**96**	95	93	81	72	63	62	60	**54**
7	91	90	91	**94**	**94**	**94**	92	77	62. 5	68	68	63
8	84	89	90	91	**93**	92	79	66	61	58	55	54
9	91	92	94	**95**	**95**	93	85	78	68	62	60	58
10	89	90	88	89	**91**	90	80	72	65	64	58	**54**
11	90	92	94	93	**96**	94	81	73	60	67	56. 5	**54**
12	82	85	91	91	**92**	91	79	69	61	60	52	51
13	82	85	88	91	**92**	91	76	68	61	56	52	48
14	81	87	89	91	**92**	91	78	67	59	55	52	46
15	93	92	96	97	**98**	96	83	73	70	61	66	62
16	88	88	87	88	91	**92**	79	68	66	73	68	62
17	84	86	91	92	92	92	80	70. 5	65	69	64	62
18	87	92	93	96	96	95	84	75	83	83	71	**62**
19	**97**	93	96	**97**	**97**	95	82	75	**63**	68	68	69
20	92	94	93	93	**96**	**96**	85. 5	78	72	74	68	66
21	86	91	93	94	94	92. 5	81	75	73	72	70	64
22	98	**99**	97	97	96	96	89	86	79	75	**68**	72
23	97	97	98	**99**	**99**	98	92	81	79	73	70	68
24	**98**	97	97	97	**98**	97	92	83	74	69	65	69
25	95	**96**	94	94	**96**	**96**	86	81	77	78	76	69
26	94	96	97	97	97	97	95	89	94	85	78	76
27	99	**100**	99	98	98	97	94	94	90	92	91	93
28	97	97	97	**98**	**98**	**98**	96	87	80	77	70	**66**
29	95	94	96	96	96	93	87	79	74	69	66	64. 5
30	**96**	95	94	95	**96**	**96**	88	78	**72**	75	74	81
Mean	91. 3	92. 4	93. 5	94. 1	**94. 9**	94	85. 3	77	71. 1	69. 9	66. 7	64

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	22. 1	22	21. 8	21. 8	21. 9	**21. 7**	22. 1	22. 8	22. 4	22. 8	23. 3	23. 6
2	21. 9	21. 8	21. 7	21. 6	21. 8	21. 6	22. 1	22. 5	22. 7	23. 2	**23. 8**	23
3	21. 2	21. 4	21. 1	**20. 4**	**20. 4**	20. 6	21. 3	21. 5	21. 8	22	22. 5	22. 3
4	20. 9	**20. 4**	20. 7	20. 7	20. 7	20. 9	21. 8	23. 3	22. 7	21. 8	**23. 5**	23. 1
5	21. 9	21. 9	22	22. 1	21. 8	21. 9	22. 1	22. 5	22	22. 4	22. 6	22. 4
6	23	22. 7	22. 6	22. 7	22. 5	22. 6	23	**23. 4**	22	21. 9	21. 4	**20**
7	21. 6	21. 5	21. 6	21. 5	21. 1	21	21. 9	**22**	21. 1	**22**	21. 7	**22**
8	21. 1	21. 2	20. 8	20. 7	20. 8	20. 9	21. 4	21. 4	21. 3	21	20. 7	21. 4
9	22. 3	22. 1	22	21. 8	21. 8	21. 7	21. 7	**22. 6**	21. 7	20. 8	21. 3	21. 1
10	21	21	20. 8	20. 6	20. 6	20. 4	21. 2	22	21. 6	22	21	20. 3
11	20. 9	20. 9	20. 8	20. 4	20. 4	20. 5	21	**21. 9**	20. 9	21. 3	20. 6	**19. 5**
12	20. 5	20. 8	21	20. 6	20. 6	20. 5	21. 1	**21. 4**	20. 2	21	19. 5	20
13	19. 8	19. 9	19. 8	19. 7	19. 5	19. 5	20. 5	**21. 4**	20. 9	20. 3	19. 5	18. 7
14	20. 2	20. 5	20. 1	19. 8	19. 7	19. 7	20. 7	20. 6	20. 3	19. 9	19. 7	18. 9
15	20. 8	21	21. 2	21. 2	21. 3	21. 4	**21. 7**	21. 1	21. 4	20. 9	20. 9	21. 2
16	21. 4	21. 2	20. 9	21. 2	21. 3	21. 4	21. 6	21. 7	22. 6	**23. 1**	23	22. 3
17	21. 6	21. 7	21. 9	21. 6	**21. 5**	21. 6	22. 2	23. 1	23	23. 2	**23. 8**	22. 9
18	22. 3	22. 5	22. 3	22. 3	**21. 9**	22. 1	23. 1	23. 6	24. 2	**24. 6**	23. 7	22. 8
19	22. 3	22. 2	22. 4	22. 2	22. 2	22. 4	22. 4	22. 3	**21. 4**	21. 8	**21. 4**	22. 6
20	21. 7	21. 8	21. 4	**21. 2**	**21. 2**	**21. 2**	21. 7	23. 1	22. 7	**23. 9**	23. 4	22. 9
21	22	22. 3	22. 3	22. 4	22. 1	22	23	23. 5	23. 6	**23. 8**	23. 3	22. 4
22	21. 3	20. 9	20. 9	21	**20. 8**	21. 2	22. 3	22. 8	23. 3	**23. 8**	22. 8	23
23	21. 1	20. 9	21	20. 9	20. 7	**20. 6**	21. 6	22. 3	22. 3	**22. 6**	22. 3	22. 1
24	21. 6	21. 6	21. 5	21. 3	21. 5	21. 4	22. 8	22. 9	22. 3	21. 8	22. 2	**23. 2**
25	21. 7	21. 6	21. 1	21	20. 8	20. 9	21. 2	21. 6	22	22. 6	23	**23. 2**
26	**21. 2**	**21. 2**	21. 6	21. 5	21. 5	21. 4	21. 9	22. 7	22	21. 9	23. 2	23. 2
27	21. 4	21. 5	21. 3	**21**	21. 1	21. 1	21. 6	21. 8	**22. 9**	21. 7	22. 1	22. 5
28	21. 3	21. 3	21	20. 9	**20. 8**	21. 1	22. 2	22. 6	23. 7	**24**	23. 3	22. 6
29	22. 9	22. 4	22. 3	**22**	**22**	22. 2	23. 7	**24. 8**	24. 3	23. 4	24	23. 3
30	21. 7	21. 6	21. 2	21. 3	20. 9	**20. 8**	21. 6	22. 7	22. 9	22. 8	23. 8	**24. 1**
Mean	21. 5	21. 5	21. 4	**21. 2**	**21. 2**	**21. 2**	21. 9	**22. 4**	22. 2	22. 3	22. 2	22

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
69	66	**64**	71	76.5	90	92	90	93	95	**97**	95	84.9
72	**66**	67	76	85.5	96	96	96	96	**97**	96	94	86.6
66	74	70	71	76	81	86	85	85	87	85	89	80.9
58	61	63	63	67	72	77	80	81	86	87	88	78.1
56	**55.5**	56	58	61	65	74	74	79	83	86	90	75
63	60.5	60	68	68	72	69	73	74	81	78.5	86	75.4
60	57	55.5	55	**52**	59	66	71	74	79	78	82	73.9
51	**50**	64	60	83	73	77	80	79	80	90	**93**	74.7
59	57	60	**54**	56	61	69	74	78	85	85	88	74.9
59	65	64	60	59	70	73	79	80	84	86	88	74.9
54.5	55	54.5	60	61	64	71	76	75	81	83	81	73.6
48	51	49.5	53	55	63	67	**69**	75	80	83	84	70.1
43	48	47	50	50	57	**64**	68	71	**74**	78	78	67.4
49	46	**45**	47	51	54	63	68.5	68	71	75	87	**67.2**
58	**55**	58	57	59	64	71	75	74	76.5	81	86	75.1
60	55	56	**51**	52	61	66	70	73	78	81	81	72.2
60	63	63	64.5	75	77	75	87	90	91	**93**	90	78.2
64	66	67	71	75	84	93	94	96	97	**98**	**98**	84.2
67	73.5	84	84	89	91	94	93	93	93	93	92	85.3
65	70	67.5	68	71	73	73	71	76	78	85	86	78.8
61	**59**	63	67	73	73	88	97	97	97	99	**100**	81.6
77	78	80	77	92	93	95	96	96	96	96	98	88.6
63	69	71	68	71.5	73	73	84	91	96	96	97	83.5
64	71	87	92	91	90	93	95	94	88	92	94	87
66	**63**	68	79	80	82	85.5	89	90	91	94	94	84.1
76	**72**	75	76	78	95	**100**	**100**	**100**	**100**	**100**	97	90.2
91	88	86	**80**	**80**	85	89	94	93	94	95	97	**92.4**
75	72	73	73	72	79	84	88	82	84	91	93	84.5
62	62	**60**	72	75	96	97	**98**	**98**	**98**	97	97	84.2
85	92	90	77	80	88	93	93.5	92	88.5	94	93	87.8
63.4	64	65.6	66.8	70.5	76	80.4	83.6	84.8	87	89.1	90.5	79.8

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
23.8	23.7	23.8	**24.6**	23.4	24.2	24.5	22.8	23.1	22.1	21.9	22.1	22.8
23.2	22.6	23.2	22.9	21.7	21.6	21.5	21.5	21.4	21.4	21.1	**20.8**	22.1
22.3	**23.1**	21.9	21.9	22.5	22.7	22.6	22.5	21.6	21.7	20.9	20.9	21.7
21.3	20.9	21.4	21.1	21.3	21.8	22	21.9	22	22.4	22.6	22.4	21.7
21.7	21.9	22.1	21.9	22.6	**21.4**	22.3	22.2	**23.4**	23.1	23	22.9	22.3
23.1	23.1	23	**23.4**	20.4	21.3	21.7	21.5	21.2	22.1	21.4	21.4	22.1
21.7	21.5	21.3	21.3	**19**	19.4	20	20.6	20.7	20.9	20.8	21	21.1
20.9	**20.5**	22.6	21.6	**24.5**	21.4	22	22.3	22.1	21.9	22.6	22.5	21.6
22.4	21.8	21.6	20	20.3	**19.8**	20.4	20.9	20.9	21.3	21.1	21.2	21.4
21.4	**22.2**	**22.2**	21.2	**19.4**	20.6	20.9	21.1	20.7	21.1	21.1	21.1	21.1
20.1	20.2	19.6	20.5	20.1	20.2	20.6	20.5	20.1	20.5	20.6	20.4	20.5
18.8	20.1	19.4	19.9	19	20.8	20.2	20.1	20.5	20.6	20.5	20.3	20.3
17.7	18.6	19	19.5	18.2	18.9	19.6	19.6	19.6	19.6	19.9	19.9	**19.6**
19.7	18.5	18.5	18.4	**18.1**	18.5	19.6	19.9	19.5	20.2	20.2	**20.8**	19.7
21.1	20.6	21.1	20.8	20.6	**20.5**	21.2	21.5	21	21.2	21.5	**21.7**	21.1
22.1	21.8	21.6	20.6	**20**	20.6	20.6	21.4	21.3	21.5	21.8	21.2	21.5
22.3	**23.8**	23.4	23.3	23.5	23.5	22.6	22.3	22.4	22	22.4	22.5	22.6
23.4	23.2	22.6	22.5	22.8	23.3	22.8	22.9	22.8	22.5	22.6	22.6	22.9
22.9	**23.4**	23.2	22.3	23	23.2	23.2	22.8	22.8	22.4	22.3	22.1	22.5
22.7	21.6	22.8	23.3	22.5	22.1	21.8	21.4	22.2	22.6	22.7	22.3	22.3
21.8	21.4	22.2	22.7	23.3	22.9	**21.1**	22.1	22.5	22.2	21.4	21.7	22.4
23.1	23.1	23.1	22.6	21.6	21.5	21.1	21.1	21.4	21.4	21.4	21.1	21.9
20.8	21.7	21.9	21.3	21.5	21.4	21.1	21.8	22	21.6	21.5	21.5	21.5
22.9	22	21.2	21.7	22.7	22.5	22.3	22.4	22	**20.9**	21.7	21.8	22
22.4	22	21.6	**20.3**	21	21.8	21.7	21.7	21.7	21.6	21.5	21.2	21.6
22.8	21.6	**23.4**	22.9	22.6	21.8	22.3	21.8	21.7	21.5	21.5	21.5	22
22.6	22.6	22.5	**22.9**	21.9	22.1	21.8	21.9	21.8	21.3	21.6	21.5	21.9
23.2	23.5	22.8	22.7	22.3	22.8	22.8	22.7	22.6	22.6	22.9	23	22.4
23.2	23.5	22.5	22.3	24.1	23.6	23.3	22.7	22.4	22.4	22.3	**22**	**23**
24.1	22.7	23.7	23.6	23.4	23.5	23.3	23.2	22.7	22	22	21.7	22.6
22	21.9	22	21.8	21.6	21.7	21.7	21.7	21.7	21.6	21.6	21.6	21.7

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	A.-Cu. ENE	Cu.	A.-Cu.	Cu.	A.-Cu.	S.-Cu.	Ci.-S.	Cu. SE	Ci.-S.	Cu.-N.
2	Ci.-Cu. E	Cu.	Ci.-Cu. E	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	A.-Cu.	Cu.
3	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.-N.
4	----------	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.
5	Ci.-Cu.	Fr.-Cu. SSE	Ci.-Cu.	Cu. SSE	Ci.-Cu.	Cu. SSE	A.-Cu.	Cu.-N. SE	Ci.-Cu.	Cu.-N. SE
6	----------	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu. ENE	----------	Cu. E
7	Ci.-Cu.	Cu.	A.-Cu. EbyN	Cu.	Ci.	Cu. ESE	Ci.	Cu. E	Ci.	Cu. E
8	Ci.	Cu.	Ci.	Cu.	----------	Cu. E	Ci.	Cu.	----------	Cu.
9	A.-Cu. E	Cu.	A.-Cu. ESE	Cu. SE	A.-Cu. ESE	Cu.-N. SE	A.-Cu.	Cu.-N.	----------	Cu.-N.
10	Ci.	Cu. E	A.-Cu.	Cu. E	----------	Cu. E	A.-Cu.	Cu. E	----------	Cu. E
11	Ci.-Cu.	Cu.	A.-Cu. E	Cu. E	A.-Cu. E	Cu. E	A.-Cu.	Cu. E	A.-Cu.	S.-Cu. E
12	Ci.	Cu.	Ci.	Cu. ESE	Ci.-S.	Cu. ESE	Ci.-S.	Cu. ESE	Ci.	Cu. E
13	A.-S.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
14	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
15	Ci.-Cu.	Cu.	Ci.-Cu.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
16	----------	Cu.	----------	Cu. E	----------	N.-cf. E	----------	Cu. E	----------	Cu. E
17	Ci.	Cu. E	Ci.	Cu.	Ci.	Cu.-N.	Ci.	Cu.-N. SE	Ci.	Cu.-N. SE
18	----------	Cu.	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N.	----------	Cu.-N.
19	Ci.-Cu.	Cu.-N. SE	Ci.-Cu.	Cu.-N. SE	Ci.-Cu.	Cu.-N. S	Ci.-Cu.	Cu.-N. S	Ci.-Cu.	Cu.-N. S
20	Ci.	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.-N.
21	Ci.	Cu. SW	Ci.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.	Ci.-S.	Cu.
22	A.-Cu. E	Cu.	A.-Cu. E	Cu.	A.-Cu. E	Cu.-N.	A.-Cu. E	Cu.-N.	----------	N.-cf.
23	Ci. ENE	Cu.	Ci. ENE	Cu. ESE	Ci.-S.	Cu. S	Ci.-S.	Cu. S	Ci.-S.	Cu.-N.
24	Ci.	Cu.-N. ENE	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE
25	Ci.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu. SE	----------	Cu. SE	----------	Cu. ESE
26	----------	N. SW	----------	N. SW	Ci.-S.	Cu.-N.	A.-Cu. SW	Cu.-N.	A.-Cu.	Cu.-N.
27	----------	N. SW	----------	Cu.-N. WSW	----------	N.	----------	N.	----------	N.
28	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu. W	Ci.-S.	S.-Cu. SSW	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.
29	A.-Cu. SE	Cu.	----------	Cu. ESE	----------	Cu. ESE	----------	Cu.	----------	Cu.
30	Ci.	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu.-N. E	----------	Cu.-N. E

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.-S.	Cu.-N. SE	----------	Cu. SE	----------	Cu.-N. SE	----------	Cu.-N.	----------	Cu.-N.
2	Ci.-S.	Cu.	A.-Cu.	Cu.-N. SSE	A.-Cu.	Cu.-N. SSE	----------	Cu.-N. NW	----------	Cu.-N. N
3	Ci.	Cu.-N.	----------	Cu. SE	----------	Cu.-N. SE	Ci.-S. SSE	Cu. SE	Ci.	S.-Cu
4	Ci.	Cu. E	A.-Cu. SE	Cu.-N. SE	A.-Cu.	Cu.-N.	Ci.-Cu.	Cu.-N.	Ci.-Cu.	Cu.-N
5	A.-Cu.	Cu.-N.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
6	A.-Cu.	Cu. E	A.-S.	Cu. SE	----------	Cu.-N. SE	----------	Cu.-N. SE	Ci.-Cu.	Cu.-N.
7	Ci.	Cu.	Ci.	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
8	Ci.	Cu. E	Ci.	Cu.-N. ESE	----------	Cu.-N. ESE	----------	Cu.-N. ESE	A.-Cu. ESE	Cu.-N. SE
9	A.-Cu.	Cu.	----------	Cu. ESE	----------	Cu. ESE	----------	Cu. ESE	----------	Cu.
10	Ci.-S.	Cu. ESE	Ci.-S.	Cu.-N. ESE	Ci.-S.	Cu.-N. ESE	Ci.-S.	Cu.-N. ESE	Ci.	Cu.-N.
11	A.-Cu.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.-S.	Cu.	Ci.-S.	Cu.
12	Ci.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N.
13	Ci.	Cu. E	Ci.	Cu. EbyS	Ci.	Cu. E	Ci.	Cu.	Ci.	Cu.
14	Ci.	Cu.	Ci.-S.	Cu. SE	Ci.-Cu.	Cu. E	Ci.-Cu.	Cu. E	Ci.-Cu.	Cu.
15	Ci.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu.
16	----------	Cu. E	----------	Cu. E	----------	Cu.-N. E	----------	Cu.	----------	Cu.-N.
17	Ci.	Cu.	Ci.	Cu.-N.	Ci.	Cu.-N.	----------	Cu.-N.	----------	Cu.-N.
18	----------	Cu.	Ci.-Cu.	Cu.	----------	Cu.-N.	----------	Cu.-N. ESE	----------	Cu.-N.
19	Ci.-Cu.	Cu.	Ci.-S.	Cu.-N.	----------	N.	----------	N.	----------	N.
20	----------	Cu.-N.	Ci.-Cu.	Cu.-N.	----------	Cu.-N.	----------	Cu.-N.	A.-Cu.	Cu.-N.
21	Ci.-S.	Cu.	Ci.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.
22	A.-Cu.	Cu.-N.	Ci.-Cu.	S.-Cu.	A.-Cu.	Cu.-N. SW	A.-Cu.	Cu.-N. SW	----------	Cu.-N. WSW
23	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.
24	Ci.-S.	Cu. E	----------	Cu.-N.	----------	N.	----------	N.	Ci.-S.	S.-Cu.
25	----------	Cu. SE	Ci.-S.	Cu.-N. SSE	Ci.-S.	Cu.-N. NE	Ci.-S.	Cu.-N.	Ci.	Cu.-N.
26	A.-Cu.	Cu.-N.	Ci. SE	Cu.	Ci. SE	Cu.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N. SW
27	----------	N. WSW	Ci.-S.	Fr.-N. SW	Ci.-S.	Fr.-N. SW	Ci.-S.	Fr.-N. SW	Ci.-Cu.	Fr.-N. SW
28	Ci.-S.	S.-Cu. SSW	Ci.-S.	Cu.-N. E	Ci.-S.	Cu. E	Ci.-Cu. NE	Cu. E	A.-Cu. SE	Cu.
29	----------	Cu.	Ci.	Cu.-N.	Ci.	Cu.-N. NNE	Ci.	Cu.-N.	Ci.	Cu.-N. SSE
30	----------	Cu.-N. E	Ci.	Cu.-N. ENE	A.-Cu. E	Cu.-N.	Ci.-Cu.	Cu.-N.	Ci. ENE	Cu.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	NE 1.5	NE 1	Calm	Calm	Calm	NE 0.5	Calm	Calm	Calm	Calm	WSW 2	SW 1
2	N 2	Calm	NNW 1	Calm	NNW 1	NW .5	NNW 0.5	N 1	NE 0.5	Calm	Calm	Calm
3	NNE .5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WSW 1.5	W 2	W 2.5	W 1
4	NNW 1	N 1	NNE 1	Calm	Calm	Calm	Calm	Calm	Calm	E .5	W 1	SW .5
5	NNE 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SE 3.5	ESE 4	SE 1.5	ESE 1.5
6	NE 1.5	ENE 1	Calm	Calm	Calm	Calm	Calm	Calm	ESE 2	ESE 1.5	SE 3	ESE 2
7	Calm	ENE 1	NE 2	NE 1	NE .5	Calm	Calm	Calm	S 2	WNW 1.5	W 2	WSW 2.5
8	ESE 1	SE 1	Calm	Calm	E 1	Calm	Calm	ESE .5	ESE 1.5	SE 4.5	SE 3.5	SE 1.5
9	NNE 1.5	NE 1	Calm	Calm	Calm	Calm	NE 2	NNE 1.5	NE 1	ESE 2	SSE 2	ESE 1.5
10	Calm	Calm	SE 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SE 5.5	ESE 3
11	Calm	ESE 1	NE .5	Calm	Calm	Calm	Calm	Calm	ESE 1.5	W .5	ESE 5	ESE 6.5
12	E 1	E 1.5	E .5	ENE .5	Calm	Calm	Calm	ENE 1	E 5.5	SE 2	ESE 5	SE 3
13	ESE 1	SE 1.5	Calm	ESE .5	ESE 1	Calm	Calm	ESE 7	ESE 5	ENE 3	SE 4.5	ESE 2
14	ENE .5	ENE .5	ENE 1	ENE 1.5	ENE 1.5	Calm	Calm	E .5	E 1	ESE 5.5	SE 2	ESE 2
15	SE 2	ESE 2.5	ESE 1.5	ESE 1	E 1.5	Calm	Calm	Calm	NNE 2.5	ESE 1	W 2	W 3
16	NE 1.5	NE .5	NNE 1	NNE 1	Calm	Calm	Calm	SE 1	Calm	NW 2	WNW 2	WNW 4.5
17	SE 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	W 2.5	WSW 4.5	W 4.5
18	WNW 2	Calm	E 1	E .5	E .5	Calm	Calm	SE .5	Calm	Calm	WSW 1	W 1.5
19	Calm	Calm	SE 1.5	SE .5	Calm	Calm	Calm	ESE 1	Calm	Calm	SW 4.5	WSW 3.5
20	NE 1.5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SW 1	SW 3.5	WSW 3
21	ESE .5	ESE .5	ESE .5	ESE 1	Calm	Calm	Calm	Calm	Calm	WbyS .5	SWbyS 2.5	SWbyS 3.5
22	ESE 1.5	E 1.5	ENE 1	ENE 1	E 1	Calm	Calm	ESE 1	SE .5	S 1	SW 1	SW .5
23	Calm	E 1	E 1	Calm	Calm	EbyS .5	Calm	ESE 2	Calm	Calm	SSW 2	SW 2
24	Calm	Calm	Calm	Calm	SE 1	SEbyS 1	SSE .5	Calm	ENE 1	NNE 1.5	ENE 1.5	SSW 1
25	Calm	NE .5	Calm	Calm	Calm	Calm	Calm	N .5	Calm	Calm	NE .5	Calm
26	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SSW 3.5	SW 1.5
27	Calm	Calm	Calm	SSE 1	SSE 1	Calm	Calm	SSW 2	S 3	S 3	S 2	SSE 2.5
28	Calm	Calm	NNE 1	Calm	NE .5	Calm	Calm	Calm	SE 3.5	SbyE 1	SSW 1	Calm
29	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SE 1	SE 1.5	ESE 1.5	SE 2
30	Calm	N 1	N 1.5	N 1	N .5	Calm	Calm	Calm	Calm	SW 1	WSW 2	W 1
Mean	0.8	0.6	0.6	0.4	0.4	0.1	0.1	0.6	1.2	1.4	2.5	2.1

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	Calm	SW 1	SW 1.5	SW 2.5	SSW 1	Calm	Calm	SSW 3.5	SSE 1	N 1.5	NE 1.5	NNE 1.5	0.9
2	SW 1	SW 1	WSW 3	SSE 1	NNE 4.5	NE 3	NE 0.5	ENE 1	NE 1	Calm	Calm	Calm	.9
3	WSW 2.5	NW .5	NE 2	NE .5	Calm	Calm	Calm	Calm	NW 3.5	NW 2.5	NNW 2.5	NNW 2	1
4	ESE 3	ESE 4.5	E 1	ENE 3.5	ENE 1.5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.8
5	SE 2	SE 2	SE 3	ESE 2	SE 2	SE 1.5	Calm	SE .5	SW 3.5	SW .5	SSW 1	Calm	1.2
6	NW 3	WNW 2	WNW 3	WNW 2	NE 1	Calm	SSE 1.5	SSE 1	SE 3	Calm	ESE 1.5	ENE 2	1.3
7	WbyN 3	WNW 2.5	WNW 5	W 1.5	SE 3.5	SE 3	SE 2.5	ESE 2	ESE 1.5	ESE 1	ESE 1	Calm	1.6
8	ESE 3	SE 5	NE 1	NE 4.5	Calm	ESE 3	SSE 2.5	SE 1.5	SE 1.5	SE 1.5	ESE 2	E 1	1.7
9	ESE 3.5	ESE 2.5	NE 2	SE 2	SE 3.5	SE 6	SE 2	ESE 2.5	ESE 2	Calm	ESE 1	Calm	1.6
10	NE 4.5	W .5	Calm	Calm	Calm	Calm	Calm	SE 2.5	SE 1.5	SE 1	Calm	ESE .5	1.8
11	EbyS 7	E 2	E 4	ENE 1.5	ENE 4.5	ENE 1.5	ENE 1	ENE 1	ENE 2	E 1	E 1	E 1	1.8
12	SE 3.5	SSE 5	ESE 5	SE 2	ESE 3.5	Calm	SE 1	ESE 2.5	Calm	Calm	Calm	Calm	1.8
13	SE 2.5	E 4.5	SE 4	ESE 2	ESE 7	ESE 4.5	ESE 1.5	E 1.5	E 1.5	E 1.5	Calm	Calm	2.3
14	SE 3	E 5	SE 7.5	ESE 2	ESE 3	ESE 4	ESE 1.5	SE 2	ESE 2.5	ESE 2.5	ESE 2.5	SE 3	2.3
15	NW 2.5	SW 2	W 2.5	SE 1	SE 2	SE 3	SE 2	SE 1.5	SSE 2.5	SSE 1.5	Calm	Calm	1.6
16	W 3.5	W .5	W 1.5	SSE 2	SE 4.5	SE 3.5	SE 2	S 2.5	SE 1.5	SE 1	SSE .5	Calm	1.5
17	WSW 4.5	SW 4	SW 7	SW 4	SW 7	SW 2.5	S 3.5	E 1.5	E 1.5	ENE 1.5	E 1	NW 1	2.1
18	SW 5	WSW 4.5	SW 3	SW 3.5	SSW 3.5	SE 1.5	NE 1.5	NNW 3	SSW 3.5	SE 1	SE 1.5	Calm	1.6
19	WSW 5.5	SW 7	S 4	SSW 3.5	S 2	Calm	Calm	SE .5	SE 1	ESE .5	Calm	Calm	1.5
20	SSW 3.5	S 2.5	SW 3.5	WSW 3.5	SW 4	SW 3.5	SW 5.5	SW 3.5	SW 2.5	S 1	Calm	Calm	1.8
21	WSW 3.5	WSW 3	SW 3	SW 4	SW 4	SSW 3	ENE 3	Calm	Calm	SSW 2	Calm	Calm	1.4
22	S 3	S .5	Calm	SW 3.5	NNW 1.5	NNE 2.5	NE 2	Calm	ESE 1.5	SSE 1.5	Calm	Calm	1.1
23	WbyS 1.5	SW 4.5	SW 2.5	WSW 5	SW 5.5	SW 2.5	SW 3	Calm	ENE 2.5	NNW 2.5	Calm	Calm	1.6
24	SW 1	WSW 1.5	NE 1.5	W .5	Calm	Calm	Calm	SSW 1	SE 1	SSE 1.5	Calm	NE 1.5	.7
25	Calm	SSW 2.5	SW 1	Calm	Calm	Calm	Calm	ENE 1	Calm	SE .5	NNE 1	WSW 1.5	.4
26	SW 3.5	SW 5	SW 5.5	SW 3.5	SW 5	SW 1	Calm	NE 1.5	NE 2	NE 1.5	Calm	Calm	1.4
27	Calm	Calm	SSE 1	Calm	SSE 1	Calm	SSW 2	Calm	N 2.5	NNE 1.5	Calm	Calm	.9
28	WNW 1.5	SW .5	WSW 2	W 2	W 1.5	WSW .5	Calm	WSW 2.5	SW 2	WSW 1.5	Calm	Calm	.9
29	SSE 2.5	SSE 4	SEbyE 4.5	SSW 4	WSW 2	SE 1	Calm	ENE 1.5	ENE 1.5	E 1.5	Calm	Calm	1.2
30	Calm	NE 2	ENE 1.5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NNW 1	.5
Mean	2.8	2.7	2.9	2.2	2.6	1.7	1.3	1.4	1.7	1.1	0.6	0.5	1.3

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	4	4	4	0	2	4	1.5	2.5	1	1	5	6
2	8.5	6.5	3	3.5	2	2.5	4.5	5.5	3	1	2	3
3	3	3	4	4	4	3	3	1.5	1.5	9	13	9
4	5	5.5	3	1.5	2.5	3.5	3	.5	2.5	3.5	8	10
5	1	4	0	1	0	2	0	1	12	14	15.5	12.5
6	4.5	4.5	2	3	2.5	4.5	4	2.5	7.5	10	11	9
7	5	5	6	5	5	3	2	2	2	9	12	11
8	3.5	4	2	3	5	3	4.5	3	9	13	14	14
9	6	8	3	2	1	4	4	7	6	6	12	12
10	3	3	4	4.5	2.5	.5	4.5	3	7.5	7.5	16	12
11	3	3	4	3	3	4	5	4	6	8	11	21
12	6.5	6	3	4.5	3	4	4	6.5	11.5	13.5	21	17.5
13	4	5	4	3	4.5	4.5	3	8	15	16	20.5	16
14	2.5	1.5	3	5.5	4.5	3	5	2.5	5.5	15.5	19.5	15
15	10	13	9	4	5	3	.5	2.5	5	5	17	14
16	4.5	4.5	3.5	3.5	1	3.5	2.5	1.5	5	11	17	15
17	3	4.5	3	3.5	2.5	2	3.5	5	5	5	13	14.5
18	9.5	3	2.5	3	3.5	1.5	2.5	5.5	4.5	6	10.5	14
19	3	5	4	5	3	4	5	7	7	5	13.5	16.5
20	2	2	.5	0	.5	0	0	0	.5	5.5	10	11
21	6	4	4	3	5	1	2	2	4	9	6	8
22	4.5	5.5	4	4	4	3	.5	4.5	8.5	4.5	10	10
23	1.5	4	5	5	4	2	4	5	4	4	12	9
24	3	3	3	1	2	2	1	2	2	9	8.5	8
25	5.5	4	2	1	.5	1	2.5	1.5	2	2	1	4
26	6.5	.5	2	1	1	1	2	2	6	5	5	10
27	3	2	2	5	5	4	5	10	14	15	12	4
28	.5	0	1	1	0	2.5	1.5	0	4	6	7	4.5
29	2.5	3.5	.5	1.5	2	1.5	1	.5	3.5	6.5	10.5	12.5
30	3	3	6	5.5	3.5	1.5	1.5	1	1.5	6	12	5.5
Mean	4.2	4.2	3.2	3	2.8	2.6	2.8	3.3	5.6	7.7	11.5	11

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. m.
1	9	10	9	10	10	7	8	7	7	7	10	10	8.7	4.30
2	9	8	8	8	10	9	9	10	10	10	10	10	9.2	2.15
3	4	3	3	4	5	7	8	9	8	9	9	10	6.6	6.40
4	7	3	3	4	6	6	7	9	9	9	8	8	6.6	5.45
5	6	7	8	8	7	7	7	3	4	7	4	7	6.2	8.15
6	4	4	4	5	5	7	7	5	7	8	7	6	5.8	8.20
7	4	5	5	5	7	6	5	3	3	3	3	3	4.3	8.55
8	4	3	3	4	3	3	5	7	7	7	9	9	5.3	9.10
9	6	4	5	6	6	6	4	5	5	4	3	3	4.8	9.05
10	2	2	2	7	5	7	8	9	8	9	9	9	6.4	6.25
11	4	3	6	9	9	9	8	8	9	9	9	9	7.7	5.25
12	4	6	6	6	6	6	7	7	7	7	8	5	6.2	8.55
13	4	4	4	6	7	7	5	6	5	3	5	3	4.9	9.10
14	4	0	3	3	3	3	4	5	5	4	5	5	3.7	7.45
15	5	3	5	8	7	6	5	4	8	10	9	9	6.6	8.05
16	4	1	3	9	4	5	5	5	6	6	6	5	4.9	9.15
17	2	4	4	6	8	7	3	2	7	7	8	8	5.5	8.10
18	4	4	7	7	6	6	6	8	8	9	9	10	7	5.35
19	7	8	9	9	8	8	9	9	10	10	10	10	8.9	5.55
20	3	3	4	4	4	4	7	9	7	8	8	9	5.8	7.40
21	5	6	6	8	7	7	5	7	8	9	10	10	7.3	7.55
22	8	10	9	9	8	9	10	9	10	10	10	10	9.3	1.40
23	9	10	9	9	10	10	9	10	10	10	10	10	9.7	4.40
24	9	8	7	5	7	8	7	10	10	10	10	9	8.3	5.05
25	10	9	7	9	8	8	7	9	10	10	10	10	8.9	4.10
26	10	10	10	10	9	9	9	9	9	10	10	10	9.6	2.15
27	10	10	10	10	10	10	10	10	10	10	10	10	10.0	0.00
28	10	10	10	10	10	10	10	9	8	10	9	9	9.6	2.15
29	9	8	5	4	4	4	4	6	8	9	9	10	6.7	7.25
30	5	3	3	7	9.	8	9	10	7	8	8	6	6.9	5.00
Total														186.40
Mean	6	5.6	5.9	7	6.9	7	6.9	7.3	7.7	8.1	8.2	8.1	7	6.13

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon–1 p.	1–2 p.	2–3 p.	3–4 p.	4–5 p.	5–6 p.	6–7 p.	7–8 p.	8–9 p.	9–10 p.	10–11 p.	11–mdt.	Mean.
6.5	9	8	11.5	13	11.5	2.5	**17.5**	6	6.5	6.5	6.5	5.8
7	9	11	8	11	**13**	**13**	5	5	4	3	5	5.8
12.5	6.5	**14**	7	2.5	2.5	.5	2.5	12	11	9	7.5	6.1
12	**19**	14	12	9	8	5	1	4	2	0	0	5.6
9.5	8	9	9.5	9.5	10.5	5	3	9	10	3	2	6.3
10	9	**11**	7	8	9	6	8	8	6	9	7	6.8
13	14.5	**15.5**	7.5	12.5	15	14	9	9	5	7	4	8
14	**15**	14	14	10	6	12	6	8	8	8	5	8.2
11	13	9	6	14	**16**	12	12	9.5	4	5	3.5	7.8
10	9	5	5	11	4	4	8	7	4	3	4	5.9
20	19.5	15.5	14	18	12	10	6	7.5	5.5	4	7	8.9
15	13	15	15	14	10	6	7	6	3	3	4	8.8
15	15.5	16	15.5	16.5	13.5	8.5	8	7	5	4	5	9.7
16	16	15	13	14	16	11	8	9	7	13	13	**9.8**
12.5	12	11.5	6	10	9.5	5.5	4.5	9	10.5	5.5	3	7.8
15	10	10	8	13	13	9	8.5	6.5	6.5	4.5	3	7.5
18.5	23	**25**	24	23	19.5	13.5	7	5	6	4	3	**9.8**
18	**20**	19	19	19	10	8	11	7	10	6	5	9.1
19.5	**26.5**	19.5	14.5	10	5.5	3	4	4.5	6	4	2	8.2
10	15	13	12	21	19	**22**	18	13	9	4	4	8
12	14	15	20	**22**	18	14.5	8.5	.5	3.5	14	2	8.2
11	9	6	6	**20**	7	14	4	4	7	7	3.5	6.7
12	15	13	21	**22**	18	17	9	4	16	4	2	8.9
12	13.5	**15.5**	10	2.5	5	6	4.5	4.5	5.5	5	6.5	5.6
3	7	12	**14**	1	1	4	5	3	0	4	4	3.5
12	16	**18.5**	15	17.5	15	8	8	6	7.5	6	5.5	7.4
5	5	9	7	6	5	10	6	5	9	3	.5	6.3
7.5	6	7.5	8.5	**9.5**	3.5	6	3.5	7	7.5	3.5	2	4.2
13.5	11.5	10.5	13	13	9.5	4	6	6.5	5	5	3.5	6.1
3.5	6	9.5	4.5	1	0	0	0	0	5	.5	2.5	**3.4**
11.9	12.8	**12.9**	11.6	12.4	10.2	8.5	7	6.4	6.5	5.2	4.2	7.1

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	1	1	4					1		2	4	1					10	140	2.6	4.1
2	2	1	4	1				1			2	1			1	3	8	139	2.3	16.3
3		1	2									2	3		3	2	11	145.5	3.5	
4	1	1		2	2	2					1		1			1	13	134.5	4	
5		1				3	8			1	2						9	151	5.4	
6			2	2		4	2	2						3	1		8	163	4.1	
7			3	1		4	3		1			1	2	4			5	193	5.7	
8			2		2	6	8	1									5	198	4.6	7.5
9		2	4			7	4	1									6	186	5.6	
10			1			2	5						1				15	142	4.6	
11			1	6	5	5							1				6	214	5.7	
12				2	4	4	5	1									8	212	7	
13				1	4	10	4										5	233	7.7	
14				5	3	8	6										2	234	7.4	1.8
15		1			1	4	6	2			1		3		1		5	187.5	5.5	
16		2	2				6	2	1				3	2	1		5	179.5	5.7	
17				1	3		1		1		5	2	2		1		8	236	5.3	
18			1		3		4			2	3	2	1	1		1	6	218	3.2	18.6
19						2	4		2	1	2	2					11	197	2.6	.8
20			1						2	1	8	2					10	192	4.4	
21				1		4				2	5	2	1				9	198	3.9	31.7
22		1	1	2	2	3	1	1	3		3					1	6	161.5	1.7	13.2
23				1	2	2				1	6	1	1			1	9	212.5	3.4	25.9
24		1	2	2			2	3		2	1	1	1				9	135	2.1	44
25	1	1	2	1			1			1	1	1					15	85	2.3	15
26			3							1	7						13	177	1.8	53.4
27	1	1						5	3	2							12	151.5	.5	14.4
28		1	1				1		1	1	2	4	2	1			10	100	2.6	
29				2	1	1	5	2		1		1					11	147	3.5	13.8
30	4		1	1							1	1	1			1	14	82.5	1.2	10.2
Total	10	15	37	31	32	71	76	22	14	18	54	24	23	11	8	10	264	5,145	119.9	270.7
Mean	0.3	0.5	1.2	1	1.1	2.4	2.5	0.7	0.5	0.6	1.8	0.8	0.8	0.4	0.3	0.3	8.8	171.5	4	9

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°C.		*Per cent.*	*mm.*	*mm.*		°C.		*Per cent.*	*mm.*
1	759.85	9.15a.	33.6	3.05p.	97	24.6	756.20	3.35p.	23.9	10.50p.	64	21.7
2	59.30	8.40a.	32.8	2.55p.	97	23.8	56.27	3.00p.	23.4	10.55p.	66	20.8
3	58.50	10.05p.	32.6	0.45p.	93	23.1	56	4.20p.	23.5	5.10a.	66	20.4
4	58.75	10.55p.	34.1	0.50p.	93	23.5	56.05	3.45p.	23.3	4.35a.	58	20.4
5	59.35	11.00p.	35	2.25p.	95	23.4	56.05	4.15p.	24.4	5.55a.	55.5	21.4
6	59.70	9.45p.	34.8	3.15p.	96	23.4	56.45	3.20p.	**24.7**	5.20a.	54	20
7	59.55	10.40p.	35.1	3.35p.	94	22	56.20	3.55p.	23.6	5.25a.	52	19
8	59.85	10.45p.	35.5	2.35p.	93	24.5	56.80	4.10p.	24.1	5.35a.	50	20.5
9	60.03	8.00a.	34.6	2.10p.	95	22.6	56.70	4.40p.	23.9	4.55a.	54	19.8
10	59.65	9.30p.	33.7	11.25a.	**91**	22.2	57	3.45p.	23.3	5.45a.	54	19.4
11	59.15	0.05a.	34.1	1.30p.	96	21.9	56.20	4.00p.	23.1	5.20a.	54	19.5
12	58.52	8.00a.	35.1	0.50p.	92	21.4	56.25	3.40p.	23.6	5.25a.	48	18.8
13	58.40	7.45a.	35.4	1.45p.	92	21.4	55.45	4.35p.	22.8	5.15a.	**43**	**17.7**
14	59.45	11.40p.	**35.8**	2.25p.	92	**20.8**	56.19	4.00p.	23.2	4.45a.	45	18.1
15	60.40	9.55p.	34	1.50p.	98	21.7	57.20	3.45p.	23.3	5.20a.	55	20.5
16	59.85	0.05a.	35.3	3.55p.	92	23.1	55.40	4.20p.	24.2	5.40a.	51	20
17	58.04	8.00a.	33.9	2.30p.	93	23.8	**54.45**	4.05p.	24.2	5.25a.	60	21.5
18	58.80	10.45p.	34.1	2.25p.	98	24.6	55.70	2.55p.	24.1	5.20a.	62	21.9
19	59.90	10.10p.	32.1	1.25p.	97	23.4	57.50	2.20a.	24.1	4.10a.	63	21.4
20	60.05	10.00p.	33	0.55p.	96	23.9	**57.90**	4.10p.	23.6	5.20a.	65	21.2
21	60.80	10.20p.	33.2	2.20p.	**100**	23.8	56.69	4.00p.	23.3	11.50p.	59	21.1
22	59	9.45p.	31.9	11.25a.	99	23.8	56.10	3.35p.	22.9	1.45a.	68	20.8
23	58.95	11.35p.	31.6	0.40p.	99	22.6	55.87	3.00p.	**22.6**	5.30a.	63	20.6
24	59.55	10.45p.	33.1	0.55p.	98	23.2	56.87	2.00p.	23.6	4.10a.	64	20.9
25	58	10.45p.	32.6	2.40p.	96	23.2	55.35	2.15p.	23	5.30a.	63	20.3
26	**57.80**	11.00p.	31.1	3.10p.	**100**	23.4	54.50	4.05p.	23.4	11.05p.	72	21.2
27	59.65	9.30p.	**29.2**	4.10p.	**100**	22.9	56.05	2.45a.	23.2	3.55a.	**80**	21
28	**60.95**	10.25p.	31.6	11.50a.	98	24	57.86	4.00p.	22.9	4.40a.	66	20.8
29	60.50	0.05a.	34.1	2.40p.	98	**24.8**	56.90	2.45p.	24	5.25a.	60	**22**
30	59.30	0.05a.	31.4	10.20a.	96	24.1	56.55	3.55p.	23.5	6.10a.	72	20.8
Mean	759.39	----------	33.5	----------	95.8	23.2	756.29	----------	23.6	----------	59.6	20.4

DAILY GENERAL REMARKS.

1---- ◹° S, d in the afternoon; ◹ S, ◺ N, ●° in the evening.
2---- ◹ N and S quadrants in the afternoon; thundershowers in the evening.
3---- ◹° S in the afternoon.
4---- ◹ E and NW in the afternoon; ∪° in the evening.
5---- ◹° S quadrant in the forenoon; ◺ W in the evening.
6---- ◹ NE quadrant; ∞ in the afternoon; ◺ SW quadrant in the evening.
7---- Cloudy weather.
8---- ◹ N quadrant in the afternoon; ● in the afternoon and at night; ◺ in various points in the evening.
9---- d in the early morning; ◺ to the W in the evening.
10---- ♎° early in the morning; ◹° to the NW, ○ in the afternoon.
11---- Overcast.
12---- Convergence of Cirrus toward NE in the afternoon.
13---- Somewhat gusty ESE winds in the morning and afternoon.
14---- ◺° SW in the evening; d at night.
15---- ◹ E, d^2 in the early morning; ◺ NW in the evening.
16---- ◹° N quadrant in the afternoon.
17---- ◹° to the NNE in the afternoon.
18---- d in the morning; ◹ SE quadrant in the afternoon; ◹ N quadrant, ● in the evening.
19---- ◹ NW quadrant in the morning; d^2 in the early morning and afternoon.
20---- Cloudy weather.
21---- Convergence of Cirrus toward NNE, $\oplus^2$ in the morning; ◹ E in the evening; ● at night.
22---- Thundershowers in the afternoon.
23---- $\oplus^2$ in the morning; ● at night.
24---- $\oplus$° in the forenoon; heavy thundershowers in the afternoon.
25---- ◹ N quadrant in the afternoon; ◺° N in the evening; ● at night.
26---- ● in the morning and at night.
27---- ● in the morning and evening; slight convergence of Cirrus toward NNE in the afternoon.
28---- $\oplus^2$ in the morning.
29---- ◹ to the NW and SW quadrants in the afternoon; ● in the evening.
30---- p in the forenoon; ●°, ◹ NE and SE quadrants in the afternoon; ◺ NW, ∪° in the evening.

OBSERVATIONS FOR JULY, 1917.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	58.05	57.50	57	57.15	57.80	58.04	**58.59**	58.31	58:47	58.25	57.98	57.69
2	57.45	56.80	56.65	56.60	56.90	57.51	58.06	58.15	58.14	57.99	**57.54**	57.27
3	58.25	57.35	56.75	56.75	56.75	57.03	57.38	57.52	57.67	57.57	57.41	57.01
4	**57.65**	57	56.70	56.40	56.40	56.48	56.75	56.99	57.18	57.18	56.88	56.48
5	56.50	55.95	55.60	55.50	55.40	55.50	55.74	55.98	55.99	56.14	56.07	55.54
6	56.25	55.65	55.30	55.35	55.30	55.59	55.75	55.81	55.95	55.87	55.76	55.34
7	65.65	56	56.05	56	56.05	56.06	56.24	56.30	56.46	56.53	56.34	56.49
8	56.50	56.30	55.75	55.40	55.60	56.17	56.85	**56.87**	56.76	56.73	56.75	56.49
9	56.20	56	55.95	55.80	55.40	55.65	55.85	56.73	**56.75**	56.65	56.59	56.38
10	56.25	55.50	55.40	55.45	55.60	56.04	56.40	56.78	57.04	56.94	56.67	56.17
11	55.90	55.80	**55.45**	**55.45**	55.50	55.92	56.42	56.34	56.64	56.42	56.36	55.93
12	56.20	55.80	55.35	54.95	54.90	55.04	55.62	55.94	55.87	55.95	55.37	55.32
13	55.70	55.05	54.55	**54.45**	**54.45**	54.77	55.48	55.79	55.85	55.73	55.69	55.39
14	55.75	55.35	55.40	55.55	55.70	55.71	56.26	56.75	56.67	56.58	56.25	56.04
15	56.20	55.70	55.60	55.55	55.75	56.59	57.07	**57.66**	57.65	57.59	57.04	56.72
16	**57.10**	56.55	56.25	56.10	56	56.34	56.61	57.06	57.03	56.79	56.59	56.44
17	55	54.70	54.30	**54.15**	54.35	54.80	55.37	55.66	55.84	56.19	56.27	56.21
18	55.75	55.40	55.05	55	**54.95**	55.85	56.29	56.04	56.19	56.39	56.25	55.87
19	56.90	56	55.85	55.90	55.80	55.85	56.25	56.91	56.81	56.57	57.01	56.66
20	57.45	57.05	56.80	**56.50**	**56.50**	56.96	57.10	57.40	57.81	57.99	57.80	57.79
21	57.85	57.25	57.30	56.90	57.30	57.25	57.50	57.82	58.05	58.09	58.11	57.78
22	58.30	58.20	58.05	**57.75**	57.90	58.54	58.89	59.26	59.16	59.07	59.02	58.82
23	59.25	58.95	58.70	58.70	58.95	59.28	59.66	60.01	**60.11**	60.01	59.92	59.68
24	59.35	58.75	58.45	58.50	58.60	58.97	59.14	59.46	**59.53**	59.41	59.37	58.79
25	59	58.30	57.70	57.30	57	57.46	57.81	58.06	57.96	57.93	57.88	57.82
26	57.85	57.20	56.90	56.50	56.85	57.27	57.77	**58.56**	58.53	58.10	57.98	57.71
27	56.90	56.80	56.80	56.60	56.75	57.15	57.45	57.49	**57.70**	57.49	57.14	57
28	55.95	55.75	55.60	**55.50**	**55.50**	55.86	56.51	56.41	56.40	56.53	56.52	56.07
29	56.35	56	55.65	**55.40**	55.55	55.97	56.37	56.77	56.82	56.79	56.90	56.74
30	57	56.70	56.10	**55.90**	56.10	56.24	56.94	57.52	57.48	57.65	57.55	57.32
31	57.50	56.80	56.45	**56.30**	56.85	57.26	57.26	57.11	57.58	57.89	57.50	57.39
Mean	57	56.52	56.24	56.11	56.21	56.55	56.95	57.21	57.29	57.26	57.11	56.85

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24.7	24.6	24.5	24.6	24	**23.7**	25	27	29	29.9	**30**	28.2
2	24.3	24.5	24.4	24.3	**23.9**	24.3	25.4	28.5	29.2	29	29.7	30.2
3	25.4	24.9	24.6	24.4	**24.2**	24.5	27.3	29.5	30.1	30.1	30.4	30.4
4	25.8	25.3	25.2	24.7	**24.4**	24.6	25.5	26.6	28.2	29.7	30.4	30.1
5	26.3	26.1	**24.9**	25.4	25.5	25.3	26.4	27.6	28.7	28.7	29.4	30.4
6	24.8	24.5	24.9	24.2	24.3	25.8	26.7	28.4	29.4	29.7	29.9	30.1
7	23.9	23.9	23.8	24	23.9	24.7	25.7	27.2	28.4	28.8	**29.2**	28.3
8	22.9	22.8	23	22.8	**22.7**	22.9	24.1	26.3	28.9	28	27.2	29.2
9	24.7	24.6	24.6	24.5	24.2	**24**	27.3	28.6	**30**	25.4	25.3	26.3
10	24.4	24.2	24.3	24.3	24.4	24.5	25.2	26.5	28	29	29.1	29.4
11	24.1	24.1	24.3	24.2	24.1	24.5	24.5	24.8	25.2	25.3	**28.8**	26.8
12	24.6	24.7	24.9	23.8	24.5	25.2	26.2	27.2	26.7	24.7	26.6	27.8
13	23.6	22.9	**22.8**	**22.8**	22.9	23.6	24.5	26	28.2	29.2	28.7	**29.6**
14	22.9	22.8	22.7	**22.5**	22.8	23.2	24.6	26.4	27.9	28.7	30.5	31.4
15	24.2	24	23.9	23.4	**23.2**	**23.2**	24.4	27.3	28.6	29.9	28.6	28.8
16	24.3	24.1	23.8	23.6	23.3	**23.2**	26.3	27.2	29.1	29.4	**30.1**	26.7
17	24.2	24.4	24.1	23.7	**23.5**	23.8	23.9	25	25.1	25	25.1	**26.9**
18	24.4	24.7	24.3	**24**	24.1	24.1	24.1	24.5	24.4	25	26.4	**27.4**
19	24.2	24.4	24.5	24.3	24.1	**23.6**	24.1	25.2	26.9	27.3	27.7	28
20	23.3	23.3	23.2	23.2	**23.1**	23.2	25.1	27.1	27.9	28.7	**30.7**	29.8
21	23.2	23.1	23.1	23	22.9	**22.7**	24.3	26.9	28	28.6	29.2	29.6
22	23.7	23.8	23.8	23.6	**23.2**	23.6	25.3	27.5	29.7	29.7	30	30.4
23	24.5	24.6	24.5	24.3	24	23.9	25.3	26.6	27.3	28.3	29.2	29
24	23.8	23.7	23.7	**23.5**	**23.5**	**23.5**	24.6	25.8	27	27.8	28.9	29.5
25	24.3	24	23.8	23.7	**23.5**	23.6	24.9	26.7	28	29.2	29.9	**30.7**
26	23.3	22.9	**22.8**	23	23.3	23.6	25	26.6	28.4	29.8	27.6	28.6
27	24.4	24.4	**23.4**	24.2	24.1	24	24.7	25	26.6	27.9	28.5	29.4
28	26.1	24.5	24.7	24.8	24.6	24.8	25.7	26.5	27.6	28	28.3	**28.8**
29	25.2	25.2	25.1	25.1	25.2	25.5	25.5	25.7	26.2	**27**	26	**25.7**
30	24.6	**24.3**	24.5	24.7	24.4	24.4	25.3	27.6	29	29.1	29.9	**30.6**
31	24.8	25	25.1	24.9	24.4	**24**	25.1	26.5	27.7	28.9	26.1	27.7
Mean	24.4	24.2	24.1	24	**23.9**	24	25.2	26.7	27.9	28.3	28.6	**28.9**

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
57.88	57.57	56.97	56.73	**56.53**	56.94	57.60	57.70	58.10	58.25	58.20	57.90	57.72
56.77	56.73	**55.98**	56.35	56.88	56.86	57.36	58	58.40	58.85	**59.20**	58.75	57.47
56.73	56.01	55.71	**55.65**	55.82	56.30	56.93	57.55	58.10	**58.45**	58.35	58.05	57.13
56.06	55.73	**55.54**	55.63	55.97	56.02	56.10	56.35	56.80	56.95	56.70	56.75	56.53
55.47	54.87	54.60	**54.35**	54.94	55.14	55.83	55.95	56.35	56.70	**56.95**	56.60	55.74
55.26	55	54.92	54.98	**54.90**	55.04	55.49	56.10	57.05	**57.70**	57.65	56.95	55.79
56.39	55.48	55.41	**55.38**	55.48	55.98	56.34	57.10	57.65	**57.90**	57.80	56.80	56.37
56.37	56.03	55.83	55.53	55.35	**55.18**	55.40	56	56.45	56.60	56.55	56.30	56.16
55.94	55.59	55.29	55.13	**55.09**	55.49	55.58	56	56.45	56.50	56.55	56.35	56
55.57	**55.26**	55.35	55.49	55.94	56.31	57.31	57.30	**57.35**	56.80	56	55.70	56.19
55.65	56.28	56.04	55.89	56.32	56.34	56.84	56.65	56.70	57.20	**57.35**	56.75	56.26
54.86	54.46	**54.45**	54.54	55.25	55.77	56.45	56.50	56.75	**56.95**	56.80	56.65	55.66
55.34	55.88	56.21	55.91	55.72	56.07	56.35	56.55	56.60	**57.10**	56.95	56.40	55.75
55.53	55.06	55.02	**54.75**	55.49	55.70	55.79	56.65	56.90	**57.35**	**57.35**	56.85	56.02
56.20	55.82	55.56	**55.33**	55.54	55.94	56.50	56.75	57.35	57.65	57.65	57.50	56.54
55.80	54.68	54.46	54.38	**54.21**	54.70	55.06	55.90	56.40	56.70	56.40	55.80	55.97
55.79	55.18	54.98	54.90	54.95	55.26	55.54	55.70	56.35	**56.70**	56.50	56.35	**55.46**
55.44	55.38	55.10	55.33	55.38	55.69	55.69	56.45	56.95	57.05	56.90	**57.15**	55.90
56.50	56.14	56.11	55.95	**55.70**	56.10	56.51	57.15	58.35	**58.75**	58.30	58.35	56.68
57.54	57.09	57.10	57.05	56.96	57.69	58.35	58.80	**59.55**	**59.55**	59.45	58.90	57.72
57.65	57.27	**56.77**	56.80	57.26	57.56	58.03	58.85	58.85	**59.15**	59.05	58.50	57.79
58.29	58.03	57.80	57.86	57.95	58.63	59.10	59.65	60.05	60.20	**60.30**	59.85	58.78
59.09	58.37	58.21	**58.17**	58.87	59.33	59.65	59.80	60	60	60.10	59.75	**59.36**
58.63	58.26	**57.91**	58.07	58.29	58.37	58.88	59.35	59.45	59.45	59.50	59.45	58.91
57.57	57.24	**56.78**	56.83	56.83	57.19	57.57	57.60	58.05	58.70	**59.20**	58.45	57.76
57.28	56.64	**56.24**	56.27	56.28	57.06	57.35	57.75	57.90	57.85	57.70	57.50	57.38
56.53	55.86	55.57	**55.23**	55.26	55.42	55.92	56.50	56.75	57	56.85	56.50	56.61
56.11	56.01	55.80	55.87	56.06	**55.91**	56.26	56.40	56.75	57.10	**57.15**	56.90	56.20
56.50	56.30	55.86	55.65	56.42	56.67	56.80	56.90	57.50	**57.75**	57.65	57.55	56.54
57.02	56.79	56.48	56.42	56.47	56.82	57.37	57.70	57.70	57.90	**57.95**	57.65	57.03
56.92	56.69	56.33	56.45	56.64	56.88	57.64	57.85	58.25	58.50	**58.75**	58.05	57.28
56.54	56.18	55.95	**55.90**	56.09	56.40	56.83	57.21	57.61	**57.85**	57.80	57.45	56.80

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
28.2	28.9	28.7	27.7	26.4	26.1	25.5	25.3	25.2	25	24.9	24.3	26.3
30.4	**31.2**	29.1	29.3	28.8	28.3	27.5	26.6	26.1	25.7	26.7	26.4	27.2
31.2	**31.4**	31.2	29.9	29.3	28.8	28.6	27.8	27.1	26.5	25.7	25.4	**27.9**
30.5	28	28.6	25.7	25.5	25.6	26	26	26.6	25.6	25.2	26.3	26.7
30.6	29.7	30.2	30.3	27.5	27.5	27.1	26.9	26.6	26.7	27	25.2	27.5
30.7	30.3	28.9	25.5	25.9	25.8	25.2	24.8	24.9	**24.1**	24.7	24.5	26.6
26.6	27.6	28.2	27.4	27.3	27	26.7	24.2	23.6	23.3	23.1	**22.8**	25.8
30.1	30	29.1	28.6	27.8	27.1	26.4	26.2	26.2	26.3	26.1	25.2	26.2
27.4	27.3	28	28.4	27.8	26.4	25.8	25.3	25	24.9	24.9	24.4	26
30.3	30	28.7	26.6	26.5	25.5	24.6	25.3	24.3	**24**	24.2	24.1	26.1
25.9	24.6	**23.6**	24.7	24.3	24.5	24.6	24.6	24.9	25	25.2	24.8	**24.9**
27.8	**28**	27.9	27.9	24.2	24.7	24.1	24.1	**23.3**	**23.3**	23.4	24	25.4
29.6	26	24.4	24.7	24.3	24.1	24	23.7	23.4	23.1	22.9	23	**24.9**
31	**31.6**	31.1	29.1	26.4	25.5	24.8	24.7	24.7	24.6	24.3	24.2	26.2
29.2	**30.2**	28.9	28.2	28	26.8	26.2	26	25.8	25.5	25.1	24.6	26.4
26.3	27.5	28.1	28.3	27.6	26.4	26.2	24.1	24.1	24	24.2	24.1	25.9
26.6	26.6	26.2	25.6	25.6	25.2	24.8	24.7	24.8	24.6	24.3	24.2	**24.9**
26.8	26.6	26.9	26	24.9	24.6	24.4	24.3	24.4	24.5	24.5	24.6	25
28.6	**28.8**	24.7	26	26.3	25.5	24.9	24.5	24.1	24.1	23.9	23.7	25.4
29.9	30.5	27	25.8	26.2	25.8	24.2	24	23.3	23.2	23.2	23.2	25.6
29.9	30.2	**31**	30.2	29.6	28.2	27.4	**25.7**	24.7	24.7	24.1	23.8	26.4
30.7	**31.3**	31.1	29.2	29.1	28.3	27.3	27.1	27	26.4	25	24.6	27.1
29.7	**30**	29.4	28.5	25.8	24.5	23.9	23.9	23.8	23.8	23.7	**23.4**	25.9
29.9	28.5	27.4	27	26.9	26.9	25.7	26.2	26.2	24.8	25.2	24.8	26
30	28.8	29.4	28.3	28.3	27.3	26.8	26.4	26	25.7	23.7	**23.5**	26.5
30	29.3	28.8	28	28	25.1	25.5	25.1	23.9	23.9	24	24.1	25.9
29.7	29.5	28.7	28.3	27.7	27.1	26.8	26.8	26.9	26.8	26.6	26.2	26.6
24.3	25.2	24.8	25	25.1	25.1	25.7	24.9	25.8	25.7	25.7	24.9	25.7
25.5	25.7	25.8	26.4	25.9	25.5	24.8	**24.7**	**24.7**	24.8	25.1	24.8	25.5
30	29.8	29.6	27.6	27.9	27.2	27	27	26.9	26.8	26.8	25.4	27.1
28.9	**29.5**	29.3	27.7	27	25.4	25.5	25.5	25.4	25.1	25	24.5	26.2
28.9	28.8	28.2	27.5	26.8	26.2	25.7	25.4	25.2	24.9	24.8	**24.5**	26.1

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	93	92	91.5	90	94	97	90	80	69	65	69	75
2	95	92	94	94	94	91	90	77	72	73	74	71
3	93	94	95	96	96	95	84	79	71	69	72	72
4	90	93	92.5	96	96	96	93	90	85	75	74	73
5	86	88	95	93	91	93	89	82	78	78	76	72
6	94	91	92	96	95	89	86	78	74.5	75	74	73
7	99	98	98	97	99	95	91	83	77	76	78	81
8	98	98	97	97	96	95	93	84	77	77	83	76
9	96	95	95	94	96	96	81	76	69	88	93	87
0	96	97	95	96	97	96	93	89	79	76	74	74
11	97	97	96	96	96	93	94	94	94	97	80	89
12	93	89	88	97	91.5	90	86	82	88	98	90	82
13	97	98	98	98	98	97	96	92	83	79	80	75
14	97	98	98	97	96	96	89	82	80	79	68	65
15	96	97	94	97	97	96	88	76	72	69	73	72
16	96	97	97	97	96	96	82	77	74	73	69	88
17	94	91	93	97	95	93	94	92	92	90	91	84
18	97	94	97	96	97	97	97	97	95	94	90	81
19	94	92	91.5	91	92	96	94	92.5	86	84	81	78
20	98	98	98	97	97	97	94	87	80	78	74	75
21	98	99	99	98	98	99	93	82	82	77	73	74
22	98	97	96	97	97	96	93	85	74	75	69	69
23	94	94	94	95	96	97	89	84	79	78	76	77
24	97	98	97	97	97	97	94	89	82	77	70	70
25	93	94	96	96	97	96	92	84	75	70	69	65
26	96	97	97	97	96	97	92	87	78	71	83	77
27	96	96	97	94	95	97	93	92	86	79	77.5	74.5
28	89	98	93	92	92	92	89	86	81	79	79	78
29	94	95	95	94	95	94	96	93	91	87	90	91
30	96	96	94	95	96	97	95	88	78	76	73	72
31	92	90	90	91	91	91	88	85	83	79	86	79
Mean	94.9	94.9	95	95.4	95.5	95.1	90.9	85.3	80.1	78.7	77.7	76.4

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	21.5	21.1	20.9	20.7	20.8	21	21.2	21.1	20.7	20.3	21.7	21.3
2	21.4	21.1	21.3	21.2	20.7	20.6	21.7	22.2	21.8	21.6	22.9	22.5
3	22.3	22	21.8	21.7	21.5	21.7	22.7	24.3	22.6	22	23.1	23.3
4	22.3	22.3	22	22.2	21.7	22	22.6	23.4	24.1	23.1	23.7	23
5	21.9	22.1	22.2	22.5	22	22.3	22.7	22.5	22.7	22.9	23	23.1
6	21.9	20.7	21.6	21.5	21.4	22	22.3	22.4	22.6	23.1	23.2	23.3
7	21.9	21.6	21.5	21.4	21.9	21.9	22.3	22.2	22.3	22.4	23.4	23.2
8	20.4	20.3	20.2	19.9	19.6	19.6	20.8	21.3	22.8	21.7	22.2	22.8
9	22.2	21.8	21.8	21.5	21.5	21.2	21.7	22.1	21.8	21.1	22.2	22.1
0	21.7	21.7	21.4	21.6	21.9	21.9	22.2	22.8	22.3	22.7	22.2	22.5
11	21.7	21.7	21.6	21.5	21.4	21.3	21.5	21.9	22.4	23.1	23.7	23.3
12	21.4	20.6	20.6	21.2	20.9	21.4	21.8	21.9	22.9	22.7	23.4	22.8
13	20.9	20.4	20.3	20.3	20.4	21.1	21.9	22.9	23.6	23.9	23.5	23.2
14	20.2	20.3	20.1	19.7	19.7	20.2	20.4	20.9	22.3	23.1	22.2	22.1
15	21.5	21.4	20.7	20.6	20.4	20.2	20	20.5	20.9	21.5	21.1	21.2
16	21.6	21.5	21.2	20.9	20.3	20.2	20.8	20.6	22	22.2	21.8	22.9
17	21.1	20.8	20.8	21	20.4	20.4	20.7	21.7	21.7	21.2	21.5	22.1
18	21.9	21.8	22	21.2	21.5	21.5	21.7	22	21.6	22.1	23.1	22.1
19	21.1	21	20.9	20.6	20.6	20.7	21	22	22.8	22.7	22.3	21.9
20	20.9	20.9	20.8	20.6	20.5	20.6	22.3	23.1	22.3	22.9	24.2	23.2
21	20.8	20.8	20.8	20.5	20.4	20.3	21	21.6	22.9	22.3	21.9	22.8
22	21.4	21.3	20.9	21.1	20.6	20.7	22.2	23.2	22.9	23.3	21.8	22.3
23	21.5	21.6	21.5	21.4	21.2	21.3	21.4	21.8	21.3	22.3	23	22.9
24	21.3	21.4	21.2	21	20.7	20.7	21.6	22	21.7	21.4	20.7	21.6
25	21	20.8	20.9	20.8	20.7	20.7	21.4	21.9	21.1	21.1	21.5	21.2
26	20.3	20.2	20.1	20.2	20.3	20.9	21.6	22.6	22.4	22.2	22.8	22.3
27	21.7	21.7	20.8	21.1	21.1	21.4	21.5	21.6	22.3	21.9	22.4	22.6
28	22.2	22.4	21.5	21.5	21.1	21.3	21.9	22	22.3	22.1	22.5	22.8
29	22.4	22.6	22.5	22.3	22.6	22.8	23.2	22.9	23	23.1	22.5	22.3
30	22	21.6	21.5	21.9	21.7	21.9	22.7	24.2	23.3	22.8	22.7	23.4
31	21.3	21.2	21.3	21.2	20.8	20.3	20.9	21.8	22.9	23.4	21.7	21.9
Mean	21.5	21.3	21.2	21.1	21	21.1	21.7	22.2	22.3	22.3	22.5	22.5

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
77	76	77	84	92	92	94	95	95	96	95	**97**	86.5
70	**67.5**	77	74	74	78	80	87	89	91	86	83	82.2
68	70	**68**	73	73	75.5	78	82	84	87	90	93	**81.6**
74	84	80	91	89	88	88	88	86	88	91	85	86.9
72	75	71	**69**	81	80	82	81	86	85	83	93	**82.5**
70.5	71	75	91	92	93	96	95	96	**98**	96	95	86.9
86	82	80	81	82	83	86	94	97	**99**	98	98	89.1
71	73	74	76	79	83	87	88	86	85.5	86	93	85.5
84	85	82	81	84	89	92	93	94	93	93	**97**	88.9
72	**71**	76	86	88	93	**97**	93	**97**	**97**	96	**97**	88.5
92	95	**100**	95	97	97	97	97	95	94	92.5	93	**94.5**
82	80	80	**78**	93	90	92	93	97	97	97	94	89.5
73	85	93	96	93	95	95	97	**99**	**99**	**99**	**99**	92.2
68	**65**	65.5	68	86	91	92	93	94	94	96	97	85.6
72	70	78	79.5	84	85	89.5	90	92	92	92	94	85.2
91	85	84	82	87	90	91	97	**97**	**98**	97	97	89.1
86	86	87	89	90	92.5	93	94	94	95	**97**	**97**	91.9
86	86	**81**	84	93	94	96	**97**	**97**	96	95	94	93
77	**75**	92	85	87	91	92	94	95	94	**97**	**97**	89.5
75	**71**	83	91	89.5	92	96	97	**99**	**99**	**99**	**99**	90.1
73	73.5	**71**	**71**	77	83	85	89	93	97	97	98	86.6
69	**67**	68	74	74	77	81	81	81	86	93	94	83
72	**70**	74.5	82	85	95	97	97	97	**98**	97	**98**	88.1
71	75	76	71	82	79	88	86	83	90	89	92	85.3
73	70	72	76	79	77	83	87	89	91	96	**97**	84
72	77	76	79	80	92	91	94	**97**	**97**	**97**	**97**	88.2
75	78	79	79	79	82	85	84	84	86	87	89	86
96	93	92	94	96	96	92	94	88	90	92	97	90.3
91	91	89	**86**	88	91	**96**	**96**	**96**	**96**	94	95	92.7
73	73	73	83	80	84	85	83	83	83	83	89	84.5
76	76.5	**75**	80	83	93	91	91	92	**94**	92	**94**	86.8
77	77.3	79	81.6	85	87.8	89.9	91.2	92	93.1	93.3	94.6	87.6

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
22	22.5	22.5	23.1	**23.5**	23	22.8	22.7	22.6	22.5	22.2	21.8	21.8
22.4	22.8	**23.1**	22.3	21.8	22.3	21.8	22.6	22.5	22.3	22.3	21.3	21.9
23	23.9	23	22.7	22.1	22.2	22.6	22.6	22.4	22.4	22.1	22.5	**22.5**
23.9	23.5	23.4	22.3	21.7	**21.4**	21.9	21.9	22.2	21.6	21.6	21.6	**22.5**
23.6	23.1	22.5	22.1	22	21.8	21.8	**21.3**	22.2	22.1	22.1	22.2	22.4
23.1	22.7	22.1	22	22.8	23.1	22.8	22.1	22.4	21.9	22.2	21.7	22.3
22.3	22.5	22.8	22.1	22.1	22.1	22.3	21.1	21.1	21.1	20.6	**20.3**	21.9
22.4	**22.9**	22.2	22.1	22	22	22.3	22.2	21.8	21.7	21.7	22.2	21.5
22.9	22.9	22.9	**23.3**	23.2	22.7	22.7	22.3	22.1	21.8	21.8	21.9	22.1
23.2	22.3	22.2	22.3	22.6	22.4	22.4	22.3	22	21.6	21.5	21.5	22.1
22.8	21.8	21.7	21.9	22	22.3	22.2	22.2	22.2	22.1	22	21.7	22.1
22.6	22.5	22.3	21.8	20.9	20.8	20.6	20.8	**20.5**	20.7	20.6	20.8	21.5
22.5	21.3	21.2	22.2	21	21.1	21	21.2	21.2	20.8	20.6	20.7	21.6
22.7	22.5	22	20.2	22	22	21.5	21.5	21.8	21.6	21.6	21.7	21.3
21.8	22.4	22.9	22.5	**23.5**	22.2	22.6	22.5	22.7	22.2	21.9	21.6	21.6
23.2	23.2	**23.7**	23.6	**23.7**	23.1	23	21.7	21.7	21.8	21.8	21.5	22
22.2	**22.2**	22	21.8	22	22	21.7	21.8	21.9	21.8	21.8	21.8	21.5
22.4	22.3	21.3	**21**	21.8	21.6	21.7	22	21.9	21.9	21.7	21.6	21.8
22.3	22	21.4	21.3	22.1	22	21.6	21.5	21.1	21	21.3	21.2	21.5
23.4	23	21.9	22.4	22.6	22.7	21.5	21.4	21.1	20.9	20.9	20.9	21.9
23	23.4	**23.6**	22.8	**23.6**	**23.6**	23	21.9	21.5	22.3	21.5	21.5	22
22.7	22.7	22.8	22.3	22	21.9	21.7	21.5	21.5	21.9	22	21.6	21.9
22.3	22.1	22.6	**23.6**	21.1	21.7	21.3	21.3	21.3	21.5	21.2	**21**	21.8
22.2	21.8	20.6	**18.8**	21.6	20.8	21.7	21.8	21	20.9	21.2	21.3	**21.2**
22.9	**20.6**	21.8	21.7	22.5	20.7	21.8	22.3	22.3	22.3	20.8	20.7	21.4
22.7	**23.4**	22.4	22.1	22.5	21.9	22	22.3	21.3	21.3	21.4	21.7	21.7
23.3	**23.8**	23.1	22.5	21.9	21.8	22.2	22	22.1	22.4	22.6	22.4	22.1
21.6	22.2	21.3	22.1	22.7	22.7	22.5	22	21.9	22.1	22.5	22.6	22.1
22	22.3	22	21.9	**21.8**	22	22.3	22.2	22.2	22.3	22.3	22.1	22.4
22.9	22.8	22.5	22.8	22.3	22.6	22.5	22.1	22	21.8	21.8	**21.5**	22.4
22.5	**23.4**	22.7	22	21.9	22.3	22	22	22.1	22.3	21.6	21.5	21.9
22.7	22.6	22.3	22.1	22.2	22.1	22.1	21.9	21.8	21.8	21.7	21.6	21.9

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	A.-Cu. SE	S.-Cu.	Ci.-S.	Cu.	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE	Ci.-S.	N.-cf. ENE
2	Ci.-S.	Cu.	Ci.-S. EbyN	Cu.	Ci.-S. EbyN	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
3	----------	Cu. SW	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
4	----------	N.-cf. WSW	Ci.	Cu.-N. WSW	----------	Cu.-N. WSW	Ci.-S.	Cu.	----------	Cu.
5	A.-Cu. W	S.-Cu. WSW	A.-Cu.	S.-Cu. WSW	A.-Cu.	S.-Cu. wbys	A.-Cu.	S.-Cu. wbys	Ci.-Cu.	Cu.
6	A.-Cu. WNW	Cu.	----------	Cu. SW	----------	Cu. WSW	----------	Cu. WSW	----------	Cu. WSW
7	A.-Cu. NNW	S.-Cu.	A.-Cu.	Fr.-Cu. W	Ci.-Cu. NE	Fr.-Cu.	A.-Cu. WNW	N.-cf.	A.-Cu.	N.-cf. W
8	A.-Cu.	S.-Cu.	Ci.-S.	Cu.-N. WSW	Ci.-S.	Cu.-N. WSW	Ci.-S.	Cu.-N. WSW	Ci.-S.	Cu.
9	A.-Cu.	S.-Cu. WSW	A.-Cu.	S.-Cu. WSW	----------	N. WSW	A.-Cu.	N.-cf. WSW	A.-Cu.	N.-cf. WSW
10	A.-Cu. W	Cu.	A.-Cu. W	Cu.	A.-Cu. W	Cu. SW	A.-Cu. W	Cu. SW	----------	Cu.
11	A.-Cu.	N. W	A.-Cu.	N. W	----------	N. W	----------	N. W	----------	N. W
12	Ci.-S.	Cu.	----------	N.	----------	N.	Ci.-S.	N.-cf. W	----------	N.-cf. W
13	Ci.-S.	N.-cf. SW	A.-Cu.	Cu.-N.	Ci.-S.	S.-Cu. SW	Ci.-S.	N.-cf. SW	Ci.-S.	Cu.-N.
14	A.-Cu.	Cu.	A.-Cu.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
15	A.-Cu. N	Cu.	Ci.-S.	Cu.	A.-Cu. N	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
16	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	----------	Cu. NNE	----------	Cu.-N. NNE
17	----------	N. SW	----------	N. SW	----------	N. SW	----------	N. SW	----------	N.-cf. SSW
18	----------	N.	----------	N.	----------	N.	Ci.-S.	S.-Cu.	----------	Cu. SSW
19	Ci.-S.	N.-cf. SSW	Ci.-S.	N.-cf. swbys	Ci.-S.	N.-cf. SW	Ci.-S.	N.-cf. SW	Ci.-S.	Fr.-N. SW
20	Ci.-S.	S.-Cu. SSW	Ci.-S.	Cu.	A.-Cu. SW	Cu.	A.-Cu. SSW	Cu. SSW	A.-Cu.	Cu.-N. SSW
21	A.-Cu.	Cu.	Ci.-S.	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.
22	A.-Cu.	Cu.	A.-Cu.	Cu.	Ci.	Cu.	Ci. NNE	Cu.	Ci.	Cu.
23	A.-Cu. NE	Cu.	A.-Cu. NE	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.	Ci.	Cu.
24	A.-Cu. NE	Cu.	A.-Cu. NE	Cu.	A.-Cu. NE	Cu.	A.-Cu. NE	Cu.	A.-Cu.	Cu.
25	A.-Cu. W	Cu.	A.-Cu. W	Cu. WSW	A.-Cu. W	Cu.	A.-Cu.	Cu.	A.-Cu. W	Cu.-N.
26	A.-Cu. WNW	Cu.	----------	Cu. W	----------	Cu.	----------	Cu.	----------	Cu. W
27	----------	N.-cf. W	A.-Cu.	N.-cf. WSW	A.-Cu. W	S.-Cu. WSW	A.-Cu. W	S.-Cu. WSW	A.-Cu.	S.-Cu. WSW
28	A.-Cu.	S.-Cu. WSW	A.-Cu.	S.-Cu. WSW	A.-Cu.	S.-Cu. W	A.-Cu.	N.-cf. W	----------	N.-cf. WSW
29	----------	Fr.-N. WSW	----------	Cu.-N. WSW	----------	Cu.-N. WSW	----------	Cu.-N. wsw	----------	Cu.-N. wsw
30	A.-Cu.	S.-Cu. SW	A.-Cu. W	Cu.	A.-Cu. W	Cu. SW	A.-Cu. W	S.-Cu. WSW	A.-Cu.	Cu.
31	----------	Cu. WSW	----------	Cu. WSW	----------	Cu. WSW	----------	N.	----------	N.-cf.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.-Cu.	N.-cf. SE	Ci.-S.	N. SE	Ci.-S.	Cu.-N.	Ci.-S.	N.	Ci.-S.	N.
2	Ci.-S.	Cu.	----------	Cu.-N.	----------	Cu.-N.	----------	Cu.-N.	----------	Cu.-N. E
3	----------	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.-N. SW
4	----------	Cu.-N. WSW	Ci.-S.	Cu.-N. WSW	Ci.-S.	Cu.-N. WSW	----------	N. WSW	----------	N. WSW
5	Ci.-S.	Cu. SW	A.-Cu. ESE	Cu. WSW	A.-Cu. ESE	Cu. W	----------	Cu.-N. W	----------	Cu.-N. WSW
6	----------	Cu. SW	A.-Cu.	N. WSW	A.-Cu.	N. W	A.-Cu.	N. W	Ci.-S.	N. W
7	----------	Cu.-N. W	Ci.-S.	N.-cf.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	S.-Cu.
8	Ci.-S.	Cu. WSW	Ci.-S.	Cu. WSW	Ci.-S.	Cu. WSW	Ci.-S.	Cu. WSW	Ci.-S.	Cu.
9	Ci.-S.	Cu.-N.	----------	N.-cf. WbyS	----------	Cu. WSW	----------	Cu. WSW	----------	Cu.-N. WSW
10	A.-Cu. W	Cu. SW	A.-Cu.	Cu.-N.	A.-Cu.	Cu.-N. WNW	----------	N. WNW	----------	N. WNW
11	----------	N. W	----------	N.	----------	N.	----------	N. W	----------	N.
12	----------	N.-cf. W	Ci.-S.	Fr.-N. WbyS	Ci.-S.	Fr.-N. WSW	Ci.-S.	N. WSW	----------	N. W
13	Ci.-S.	Cu.-N. SW	----------	N.-cf SW	----------	N.	----------	N.	----------	N.
14	Ci.-S.	Cu.	Ci.-Cu.	Cu.-N. S	Ci.-Cu.	Cu.-N.	Ci.-Cu.	Cu.-N.	Ci.-Cu.	Cu.-N.
15	Ci.-S.	Cu.	Ci.-S.	Cu.	----------	N.-cf.	Ci.-S.	Fr.-N.	Ci.-S.	Fr.-N.
16	----------	Cu.-N. NNE	Ci.-S.	Cu.-N.	Ci.-S.	Fr.-N. NNE	Ci.-Cu. NNE	S.-Cu. NNW	----------	Cu.-N. N
17	----------	N. WSW	----------	N.-cf. WSW	----------	N.-cf. WSW	----------	N.-cf. WSW	----------	N.-cf. WSW
18	----------	Cu. SSW	----------	N.-cf. swbys	Ci.-S.	N.-cf. swbys	----------	N.-cf. SW	----------	N. SWbyS
19	Ci.-S.	Cu.	Ci.-S.	Cu. SW	----------	Fr.-N. SW	Ci.-S.	Cu. SW	Ci.-S.	Cu.
20	A.-Cu.	Cu. SSW	----------	Cu.-N. S	----------	Cu.-N. S	----------	Cu. S	Ci.-S.	Cu.
21	A.-Cu.	Cu.	A.-Cu. WSW	Cu.-N.	Ci.-Cu.	Cu.-N.	Ci.	Cu.	Ci.	Cu. SSW
22	Ci.	Cu.-N.	Ci.-Cu. SE	Cu.-N.	Ci.-Cu. SE	Cu.-N.	A.-Cu. W	Cu.-N.	A.-Cu. W	Cu.-N.
23	Ci.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	----------	S.-Cu. W	----------	Cu.-N. WNW
24	A.-Cu.	Cu.	A.-Cu. WSW	Cu.-N.	A.-Cu.	Cu.-N.	A.-Cu.	Cu.-N.	----------	N.-cf. SW
25	A.-Cu.	Cu.	A.-Cu. WbyS	Cu.	A.-Cu.	Cu.	A.-Cu.	S.-Cu. WbyN	A.-Cu.	Cu. WbyN
26	A.-Cu.	Cu. WSW	A.-Cu. W	Fr.-Cu. WSW	A.-Cu. W	S.-Cu. WSW	Ci.-Cu.	N.-cf.	Ci.-Cu.	N.-cf.
27	Ci.-S.	Cu. WSW	Ci.	Cu. WSW	Ci.-S.	Cu. WSW	Ci.-S.	Cu. WSW	Ci.-S.	Cu. WSW
28	----------	N.	----------	N. W	----------	N. W	----------	N. W	----------	N. W
29	----------	Fr.-N. WSW	----------	Fr.-N. WSW	Ci.-S.	Fr.-N. WSW	Ci.-S.	N.-cf. WSW	----------	Fr.-N. WSW
30	A.-Cu.	Cu. WSW	A.-Cu. W	Cu. WSW	A.-Cu.	Cu. WSW	----------	Cu. WSW	A.-Cu.	Cu. WSW
31	A.-Cu.	Cu.	A.-Cu.	N.-cf. WSW	A.-Cu. W	Cu. WSW	A.-Cu.	S.-Cu. WSW	A.-Cu.	N. WSW

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	NNW 1.5	NNE 1	N 1.5	N 1	NNE 1.5	NE 1	Calm	Calm	NNE 1.5	NNE 1	NW 1	WNW 2.5
2	SSE 1	ESE .5	Calm	Calm	E .5	Calm	Calm	Calm	S 1.5	WSW 3	WSW 2.5	WSW 5
3	NNE 1.5	ENE .5	Calm	ENE .5	ENE .5	Calm	Calm	Calm	SE .5	S 2	SW 2.5	WSW 4
4	SW 5.5	S 1.5	S 1.5	Calm	ENE 1	Calm	ESE 2	E 0.5	WSW 3	swbyw 6	SW 8	SW 5
5	WSW 2.5	W 1.5	ESE 1.5	WSW 3.5	SSW 2.5	Calm	WbyS 3.5	WSW 8	WSW 9	SW 7	WSW 5	WSW 5.5
6	NW 1.5	WSW 6.5	S 3.5	S 1	S 6.5	SW 3	SWbyS 2	SSW 2	SW 3	SSW 4.5	SW 3	SW 4
7	NE .5	NE .5	Calm	Calm	Calm	SW 2	Calm	WSW 5.5	WSW 5	W 2.5	WSW 2	swbyw 5.5
8	Calm	Calm	ENE 1	ENE 1	ENE .5	NE 1.5	EbyN 1.5	SE 1.5	Calm	SW 8.5	SW 6	WSW 5.5
9	Calm	Calm	S .5	S 1	S 1	Calm	Calm	Calm	Calm	SSW 3	NNE 2	NNE 1
10	Calm	NE 1	ENE 1	Calm	Calm	Calm	Calm	E .5	Calm	W 1	WSW .5	WSW 1
11	Calm	Calm	Calm	NE 1	ENE 1	Calm	Calm	EbyS 1	Calm	NNW 2	WSW 4	WbyS 4.5
12	WSW 3.5	SW 9	WSW 5.5	N .5	WSW 3.5	SWbyS 1.5	swbyw 5	SW 4.5	WSW 4	S 8	SSW 3	SW 2.5
13	ENE 1.5	ENE 1	ENE 1	ENE 1	Calm	Calm	Calm	Calm	Calm	ESE 2.5	SE 1	SW 2.5
14	ESE 1	ESE 1.5	ESE 1	Calm	Calm	Calm	Calm	NE .5	ESE .5	SE 1	ESE 1	SSE 1
15	Calm	Calm	NNE 1.5	NNE .5	NNE .5	NEbyN .5	NNE .5	NNE 1	ENE .5	WSW 1	WSW 1.5	WNW 2.5
16	Calm	Calm	Calm	Calm	Calm	Calm	NNW 1.5	NNW 3.5	NNW 2.5	NW 4.5	WNW 4	WNW 2.5
17	WNW 3.5	WNW 4.5	NW 1.5	Calm	WSW 3.5	WSW 6	SSW 5	SW 6	SW 8	SW 8.5	SW 1.5	SSW 4
18	ESE .5	SE 1.5	SE .5	ESE 1	ESE .5	Calm	S 2	Calm	S 2	Calm	Calm	Calm
19	SSW 5.5	S 3	S 4	S 3.5	SSE 1	Calm	Calm	Calm	ESE 1	Calm	SSW 2	SW 2
20	ENE 1.5	E 1	E 1.5	ESE 1.5	Calm	Calm	ESE 1.5	SE 3	ESE 3	SE 2	ESE 3	ESE 3
21	E .5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SW 1
22	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SSW .5	SW 1
23	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NNE .5	W 1.5	WSW 1
24	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	W 1	W 2	W 2.5
25	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	W 1
26	N .5	NE 1.5	ENE 1	Calm	Calm	Calm	Calm	Calm	WSW 1	SW 1.5	SW 3.5	SW 5
27	Calm	Calm	SW 7	SSW 3	S 1.5	Calm	SbyW 3	SW 2	WSW 3	WSW 5.5	WSW 4	
28	SSW 2	WSW 9	SSW 4.5	SSW 5.5	SSW 3.5	SSW .5	SWbyS 4.5	WSW 5.5	WSW 4.5	W 5	W 2.5	WSW 3
29	WSW 3	swbyw 2.5	WSW 4.5	WSW 2.5	SW 1.5	SSW 2.5	Calm	SW 5	WSW 6.5	WSW 6	SW 7	swbyw 6.5
30	S .5	SE 1	S 1.5	S 1	Calm	Calm	Calm	Calm	SW 3.5	SW 6	SW 5.5	WSW 7
31	SW 3.5	SW 2	SW 1.5	Calm	SW 1	WbyS 4.5	SW 6	SSW 1	SW 2.5	WSW 4	SW 9	SW 8.5
Mean	1.3	1.6	1.5	0.9	1	0.7	1.1	1.7	2.1	3.1	2.9	3.4

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	Calm	Calm	Calm	Calm	Calm	S 0.5	Calm	Calm	Calm	Calm	ESE 1	Calm	0.6
2	WNW 3.5	SW 4	SW 3	SW 3.5	SW 4	SW 5	SSW 2	S 1.5	Calm	Calm	W 2.5	WSW 2	1.9
3	SW 4	WSW 6.5	WSW 7	WSW 6.5	WSW 7.5	WSW 9.5	WSW 6	SSW 3.5	SW 2.5	SW 5.5	SSW 4.5	S 3.5	3.3
4	SSW 1.5	SSW 3.5	SW 4	W 5.5	SSW 4	WSW 6.5	SW 6.5	SW 4.5	SW 3.5	SW 5.5	SW 3.5	WSW 3.5	3.6
5	WSW 6.5	SW 4.5	SW 9	SW 7	SW 8	SW 3.5	WSW 3	NW 2.5	WSW 3.5	W 2	SW 4.5	Calm	4.3
6	SW 5	SW 9	WSW 7	SW 3.5	NNW 2	Calm	Calm	W 5.5	W 5.5	NW 2.5	W 1.5	W 1.5	3.5
7	SW 5.5	SW 2.5	SW 2.5	WSW 2	SSW 1.5	SSW 2	SSW 1	W 5.5	NNE 1	ENE .5	ENE .5	ENE 1.5	2.1
8	WSW 8	SW 8.5	SW 7	SW 3	SW 5.5	SW 1.5	Calm	SSE 1.5	SSE 3	S 3	SSW .5	Calm	2.9
9	Calm	NW 2	SSW 1	NW 1	WNW 1	NW 2.5	NW 1	NNE 1.5	NNE 2	NNE 1.5	Calm	Calm	.9
10	WSW 4.5	WbyS 8	WNW 3.5	NNW 4	NNW 2	NNW 2.5	Calm	W 3	Calm	E 1.5	E 1	Calm	1.5
11	WSW 4	WSW 9	WNW 3	SW 3	WSW 3	SW 2	SW 2.5	SSW 1.5	SW 3	SW 6.5	SW 6.5	WSW 5.5	2.6
12	SW 8.5	SWbyS 10.5	WSW 7.5	SWbyW 10.5	WSW 6.5	SW 16.5	SSW 3.5	S 2.5	ESE 1	ESE 1	SW 1.5	SW 1.5	5.1
13	SW 5.5	W 6.5	SW 8.5	SW 9	SSW 6.5	S 2.5	Calm	Calm	ESE 1.5	ESE 1	Calm	ESE 1.5	2.2
14	WSW .5	WNW 2.5	WNW 5	NWbyW 5	ENE .5	Calm	Calm	Calm	E 1.5	Calm	ESE .5	Calm	1
15	WNW 2.5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	ENE .5	ENE .5	Calm	.6
16	ESE 3	Calm	Calm	Calm	S .5	WSW 1.5	SSW 2.5	NNW 3.5	NNW .5	NNW 1.5	NW 2.5	NW 3.5	1.6
17	SSE 2	S 1.5	S 1	S 1	SSE 1	SE 1	SE 1.5	E 1	SE 1.5	SE 1	SE 1	Calm	2.8
18	WSW 1	SW 2	Calm	WSW 4.5	WSW 5.5	SSW 1.5	Calm	Calm	S 1	SE 1.5	ESE 1.5	SE 1.5	1.2
19	WSW 3	Calm	SW 2	SW 3.5	Calm	Calm	ESE 1	Calm	SW 9	SSW 3.5	Calm	Calm	1.8
20	ESE 2.5	Calm	ESE 3	N 1	N 2	N 1	E 1.5	NE 1.5	SE 1	ENE 1	Calm	Calm	1.5
21	SW 3.5	SW 5.5	WSW 5	SW 4.5	SW 4.5	WSW 2	WSW 1.5	SW 9	SW 3.5	Calm	Calm	Calm	1.7
22	WSW 3	SW 2	WSW 5	WSW 5.5	SW 7	SW 8	SW 6.5	WSW 4.5	WSW 3	SW 1.5	Calm	Calm	2
23	WSW 4.5	SW 7	SW 3	SW 4	NW 10	NE 1	ENE 1.5	NE 1	Calm	Calm	Calm	Calm	1.5
24	SW 2	SWbyW 8	WSW 6	WSW 4.5	SW 3.5	WSW 5.5	Calm	SW 3	WSW 6.5	WNW 1.5	WNW 2.5	NW 1	2.1
25	WSW 3.5	SW 7	SW 5.5	SSW 3	SSW 2.5	SSW 1	SSW 1	Calm	Calm	Calm	SW 6.5	Calm	1.3
26	WSW 6	WSW 5	SW 5	WSW 3	WSW 5	W 8	WSW 3	SSW 1	ENE 1	Calm	Calm	Calm	2.1
27	SW 5	SW 3.5	SW 7.5	SW 6	SW 3.5	SW 5.5	SW 5.5	SW 4.5	SW 3.5	SSW 2.5	SSW 1.5	SSW 1.5	3.3
28	WSW 9	WSW 8	W 3.5	Calm	S 1	SSW 1	WSW 6	WSW 3.5	SW 4.5	swbyw 3.5	swbyw 3.5	SSW 3	4
29	SSW 2.5	SW 3.5	WSW 8.5	SW 5.5	WbyS 2.5	W 1.5	W .5	WNW .5	Calm	Calm	Calm	Calm	3
30	WSW 5.5	SW 10	SW 8.5	SSW 5	SW 6	SW 5	SW 3	SW 6.5	WSW 4.5	SW 3.5	SW 3	SW 2.5	3.7
31	WSW 9	WSW 7	WSW 7	WSW 8.5	WSW 7	WSW 8.5	WSW 7	SW 3.5	SSW 1.5	SW .5	SW 6.5	SSW 3.5	4.7
Mean	4	4.7	4.5	4	3.7	3.4	2.2	2.5	2.2	1.7	1.8	1.2	2.4

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	6	5.5	4.5	3.5	5	4	4	2.5	7	4	7	12
2	5	5	3	3	4	3	2	2	3	6	13	12
3	6.5	6	4	3.5	3.5	3.5	5.5	4.5	4	6	10	11
4	14	13	7	4	6	4	1.5	1.5	9	12	20	22
5	12	12	4	11	16	4	9	21	25	25	32.5	23
6	5.5	30	15	7.5	4.5	11	13.5	10.5	15	18.5	19.5	20
7	2	.5	.5	2	0	1	6	6	17	12	15.5	20.5
8	1.5	.5	.5	3.5	2	1.5	1	3.5	6	19	30	21
9	2	4	4	4	4	2	3	4	5	10	11.5	9.5
0	0	.5	.5	0	0	0	0	0	0	2.5	7	8
11	0	2	4	4	2	2	5	7	5	2	15	20
12	21.5	16	31	9	3	13	13	22	16	14	28	19
13	5	5.5	6.5	2.5	.5	3	3	1	4	7	10.5	10.5
14	5.5	5.5	4	5.5	4.5	5.5	6	5.5	5	8	8.5	5
15	0	2	5	1	3	2	5	3	3	1	9.5	9.5
16	0	.5	1	1	1	1.5	4.5	9.5	10.5	9.5	21	11
17	20	20	10	2	13	16	16	18	25	22	23.5	13.5
18	4	7.5	5.5	7.5	4.5	4	6.5	6	8.5	5	5.5	5.5
19	16.5	13.5	14	16	10	4	4	4	5.5	5.5	7.5	12.5
20	5	7	4.5	6.5	4.5	3.5	4.5	7	9.5	11	15	10.5
21	4.5	2	1	2.5	2	2.5	3	2.5	3	4.5	2.5	5
22	4	4	3	3	3	2.5	2	3	4	5.5	7	6
23	3	3	3	4	4	4	5	1.5	5	6.5	11	9.5
24	0	.5	.5	2	4.5	.5	0	0	1	5	10	12
25	4	0	0	3	0	1	0	0	3.5	.5	2	5
26	4	5	2.5	3	.5	1	2.5	.5	7.5	6.5	21	17
27	4	3	17	18	8	4	1	6	10	13	20	23
28	7	19	19	16	18	14	21	12	25	22	18	14
29	17	13.5	16.5	16	11.5	8.5	3	8.5	22.5	14	31	36
30	3	5	6	5	2	2	2	3	10	18	32	24
31	16.5	15.5	9.5	4	7	22.5	23.5	20	14	17	34	32
Mean	6.4	7.3	6.7	5.6	4.9	4.9	5.7	6.3	9.3	10.1	16.1	14.8

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	9	8	7	8	9	9	10	10	10	10	10	10	9.2	2 45
2	8	8	8	7	5	6	6	7	8	9	10	10	7.7	7 05
3	6	6	3	3	3	4	4	5	6	9	10	10	5.8	8 20
4	10	8	7	9	7	7	10	10	10	10	10	10	9	4 35
5	9	9	8	8	8	8	7	9	6	7	10	8	8.1	5 45
6	10	9	6	6	8	8	8	10	10	10	10	9	8.7	3 20
7	10	10	9	8	10	10	9	10	9	10	10	10	9.6	1 30
8	10	10	9	10	10	10	10	10	10	10	10	10	9.9	3 40
9	7	5	8	10	9	10	10	9	8	9	10	10	8.8	3 40
10	9	10	10	9	9	6	7	9	9	10	10	10	9	2 55
11	10	10	10	10	10	10	10	10	10	10	10	10	10	0 00
12	10	10	10	10	10	10	10	10	10	10	10	10	10	0 00
13	10	10	10	9	10	10	10	10	10	10	10	10	9.9	0 20
14	9	8	9	9	9	8	8	8	9	10	10	10	8.9	5 35
15	8	8	8	9	10	10	10	10	10	10	10	10	9.4	2 25
16	5	5	5	5	5	8	9	9	10	9	10	10	7.5	3 00
17	10	10	10	10	10	10	10	10	10	10	10	10	10	0 00
18	10	10	10	10	10	10	10	10	10	10	10	10	10	0 00
19	10	10	10	10	10	10	9	9	10	10	10	10	9.8	0 00
20	9	9	10	9	9	10	10	10	10	10	10	10	9.7	2 30
21	6	8	8	8	8	9	9	10	9	8	9	10	8.5	4 15
22	10	8	7	6	4	5	7	7	7	10	9	10	7.5	6 50
23	9	9	10	10	8	8	8	8	10	10	10	10	9.2	4 40
24	10	10	9	8	8	7	8	9	10	9	10	10	9	3 05
25	10	9	8	9	8	9	9	8	8	9	9	9	8.8	4 45
26	9	9	8	5	6	6	8	9	9	9	9	10	8.1	4 10
27	10	10	10	9	9	9	7	8	9	9	8	8	8.8	4 10
28	10	10	9	10	10	10	10	10	10	10	10	10	9.9	0 25
29	10	10	10	10	10	10	10	10	10	10	10	10	10	0 00
30	10	10	10	10	10	9	9	9	8	9	6	9	9.1	2 50
31	10	9	7	5	10	9	9	9	9	9	10	10	8.8	3 25
Total														96 00
Mean	9.1	8.9	8.5	8.4	8.5	8.5	8.7	9.1	9.2	9.5	9.7	9.8	9	3 06

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon–1 p.	1–2 p.	2–3 p.	3–4 p.	4–5 p.	5–6 p.	6–7 p.	7–8 p.	8–9 p.	9–10 p.	10–11 p.	11–Mdt.	Mean.
7	3	6	5	4	5	1	3	2	1	4	4	4.6
12	13	17	23	23	20	17.5	10.5	5	2.5	6	11.5	9.2
17.5	23.5	24	27	28.5	27.5	20.5	24	13.5	15.5	26.5	16	13.8
22	14	16	14	22	14	20	17	18	26	20	20	14
23.5	28	27.5	28.5	34	25.5	20.5	12.5	13	11	8	17	18.5
20	24	31	7	8	2	4	11	25	17	9	5	13.9
28	22	18	14	14	12	12	28	5	2	.5	4.5	10.1
21	33	30	28	22	13	7	5	12	11	6	2	11.7
4	8.5	9.5	8	9	14	11	7	5	4	1.5	0	6
9	26	25	14	11	10	7	10	3	5	4	3	6.1
30.5	18	18	10.5	11	10	18	15	10	22.5	33.5	25.5	12.1
25	28	34	31	35	25	28	16	6	5	6	5	18.7
16	33.5	34	31.5	29	17	8.5	3	4	3.5	2.5	4	10.2
7	11	14	20	7	4	3	1	2	1.5	.5	0	5.8
9	4	3	.5	1	4	2	.5	2	2	1	1	3.1
5	3	1	4	6	10	9	14	4	3	10	10	6.2
14.5	9.5	12.5	11	6.5	5	6.5	6	5.5	5.5	6	3.5	12.1
8	10	5	8	21	17	3.5	4.5	1	6	8	9	7.1
8	10.5	17	16	9.5	4	3	4	5	29	11	2	9.7
11	6.5	7	6	7	4	7.5	9.5	6.5	6.5	6.5	3.5	7.1
6.5	17.5	22	16	17.5	12.5	7.5	10.5	27.5	6	5.5	4	7.8
9	14	19	20	22	22	26	24	16	12	6	5	10.1
11.5	16	18	16	20.5	11.5	8.5	8.5	4.5	.5	0	0	7.3
15	26	28	17	14	17	5	11	21	12	11	8	9.2
13	29	30	15.5	16	11.5	6.5	3.5	3.5	3	10.5	10	7.1
18	24	26	23	15	29	17	6	5	4	4	3	10.2
21	22	24	28	22	23	20	19	20	16	9	7	14.9
24	23	20	8	6	7	16	18	16	17	13	13	16.1
17	15	26	26	24	16	2.5	2.5	1	4	5	3	14.2
27.5	31.5	33	30	28	30	22	27	19	19.5	15	14	17
28	26	28	24	30	41	25	16	11	4	18	20	20.3
15.8	18.5	20.1	17.1	16.9	15	11.8	11.2	9.4	9	8.6	7.5	10.8

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	2	4	1			1			1					1	1	1	12	110	1.8	2.1
2					1	1		1	2	1	5	4	1	1			7	222	3.7	
3		1		3			1		2	2	4	7					4	332	3.4	20.8
4				1	1	1			2	3	9	4	1				2	337	1.6	23.9
5						1				1	7	9	3		1		2	443.5	2.9	5.4
6									3	2	8	2	4		2	1	2	333.5	2.5	33
7		1	2	3						3	4	5	2				4	243	2.1	1.3
8			1	3	1		1	2	1	1	7	2					5	280	2.9	.5
9		5							3	2				1	4		9	144.5	1	12.9
10			1	1	3							3	3	1		3	9	145.5	1.6	27.8
11			1	1		1				1	6	5	1	1		1	6	290.5	0	107.6
12	1					3			2	2	8	8						449.5	.9	33.4
13				4		4	1		1	1	4		1				8	245.5	1	12.7
14			1	1	1	6	1	1				1		2	1		9	139.5	2.7	.4
15		5	1	3								2		2			11	74	2	
16						1			1	1		1		2	3	6	9	150	1.1	83
17					1		5	2	3	2	4	2		2	1		2	291	.4	9.4
18						4	4		3	1	1	3					8	171	.4	11.4
19						2		1	3	3	4	1					10	232	1	12.8
20	3		1	2	3	7	3										5	170	1.8	54.3
21					1						7	3					13	188	2.2	2.8
22										1	6	5					12	242	3.3	1.3
23		1	2	1							3	2	1		1		13	175	2.1	13.5
24											3	5	3	2	1		10	221	2.3	1.6
25										4	3	1	1				15	171	2.9	8.1
26	1		1	2						1	4	6	1				8	245	2.3	30.4
27									1	5	11	3					4	358	3.4	14.1
28									1	7	2	10	3				1	386	1	39.2
29										2	5	8	3	1			5	340	0	16.7
30							1		3	1	12	3					4	408.5	2.7	19.9
31										3	11	8	1				1	486.5	1.6	5.7
Total	7	17	12	25	12	32	17	7	32	50	138	113	29	16	15	12	210	8,025	58.6	606
Mean	0.2	0.5	0.4	0.8	0.4	1	0.5	0.2	1	1.6	4.5	3.6	0.9	0.5	0.5	0.4	6.8	258.9	1.9	19.5

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°C.		*Per cent.*	*mm.*	*mm.*		°C.		*Per cent.*	*mm.*
1	758.65	6.55a.	30.9	10.30a.	97	23.5	756.35	4.45p.	23.5	5.55a.	**65**	20.3
2	59.20	11.00p.	32	2.05p.	95	23.1	55.80	3.20p.	23.4	5.30a.	67.5	20.6
3	58.70	0.05a.	32.2	1.40p.	96	**24.3**	55.60	3.45p.	23.8	5.30a.	68	21.5
4	58	0.05a.	31.2	11.50a.	96	24.1	55.25	3.25p.	24	4.55a.	73	21.4
5	56.95	11.00p.	31.4	0.50p.	95	23.6	54.30	3.55p.	**24.5**	3.10a.	69	21.3
6	57.95	10.20p.	31.4	10.40a.	98	23.3	54.75	3.55p.	23.5	3.55a.	70.5	20.7
7	57.95	10.10p.	30.2	10.45a.	99	23.4	55.25	4.25p.	22.7	11.55p.	76	20.3
8	57.10	9.30a.	30.9	1.35p.	98	22.9	55.15	5.55p.	22.5	5.15a.	71	19.6
9	56.85	9.50a.	30.6	9.15a.	97	23.3	55.05	4.55p.	23.6	5.45a.	69	21.1
10	57.45	8.30p.	31.4	0.35p.	97	23.2	55.26	2.00p.	23.7	2.45a.	71	21.4
11	57.40	11.10p.	29.7	11.15a.	**100**	23.7	55.40	3.50a.	23	2.20p.	80	21.3
12	57	10.25p.	28.7	2.05p.	98	23.4	54.35	3.35p.	23.1	9.30p.	78	20.5
13	57.20	10.10p.	30.2	0.05p.	99	23.9	54.40	4.05a.	22.7	2.50a.	73	20.3
14	57.50	10.20p.	**32.7**	2.10p.	98	23.1	54.75	4.00p.	**22.3**	3.30a.	**65**	19.7
15	57.75	8.35a.	30.6	2.05p.	97	23.5	55.33	4.00p.	23	5.35a.	69	20
16	57.50	0.05a.	30.4	10.50a.	98	23.7	**54.15**	4.55p.	22.8	5.40a.	69	20.2
17	**56.70**	10.00p.	**27.3**	2.25p.	97	**22.2**	**54.15**	4.00a.	23.1	4.30a.	84	20.4
18	57.25	8.40p.	27.8	11.55a.	97	23.1	54.80	4.30a.	23.7	4.25a.	81	21
19	58.75	10.00p.	29.3	1.35p.	97	22.8	55.60	4.35p.	23.3	5.50a.	75	20.6
20	59.60	9.10p.	31.5	1.35p.	99	24.2	56.35	4.15a.	22.8	5.30a.	71	20.5
21	59.20	10.15p.	31.8	2.20p.	99	23.6	56.65	3.25p.	22.5	5.40a.	71	20.3
22	**60.60**	10.25p.	32.1	2.05p.	98	23.3	57.70	4.25a.	22.6	5.40a.	67	20.6
23	60.25	10.30p.	31.5	1.35p.	98	23.6	**58.05**	3.45p.	23	11.50p.	70	21
24	59.75	0.05a.	31	1.20p.	98	**22.2**	57.85	2.55p.	23	0.05a.	70	**18.8**
25	59.40	0.05a.	31.4	1.25p.	97	22.9	56.70	4.50p.	**22.3**	5.30a.	**65**	20.6
26	58.56	8.00a.	30.5	0.45p.	97	23.4	56.15	4.50p.	22.5	2.45a.	71	20.1
27	57.75	9.10a.	30.4	0.30p.	97	23.8	55.10	4.30p.	23.1	2.55a.	74.5	20.8
28	59.25	10.15p.	29.4	9.30a.	98	22.8	55.45	4.35a.	23.8	0.45p.	78	21.1
29	57.80	10.15p.	27.8	10.50a.	96	23.2	55.30	4.15a.	24.3	9.25p.	**86**	**21.3**
30	58.05	10.50p.	31.3	0.05p.	97	24.2	55.75	3.30a.	24	2.05a.	72	21.5
31	58.90	10.40p.	29.8	1.55p.	**94**	23.4	56.25	3.15p.	23.5	5.55a.	75	20.3
Mean	758.22	.....	30.6	.....	97.3	23.4	755.58	.....	23.2	.....	72.4	20.6

DAILY GENERAL REMARKS.

1—●°early in the morning; d at noon and in the afternoon.
2—◹° S, ◹ NE in the afternoon.
3—◹° NNE and gusty WSW winds in the afternoon; ●° at night.
4—● in the early morning, afternoon and at night; ⊤° SE quadrant in the morning.
5—● in the morning; d in the afternoon and at night; gusty SWly winds in the morning and afternoon.
6—● in the early morning, afternoon and at night; gusty SWly winds, ◹ N quadrant in the afternoon.
7—≡° in the morning; d^2 at night.
8—≡°, ●° with gusty SWly winds, ◹° NNE in the morning.
9—◹ N quadrant in the morning; ● in the morning and afternoon.
10—● in the afternoon and evening; ◹ NW and SE quadrants in the afternoon; ◺ NE quadrant in the evening.
11—Rainy weather.
12—Somewhat rainy weather with gusty SWly winds, especially in the afternoon.
13—d° in the morning; ● in the afternoon with gusty SWly winds.
14—◹ to the E quadrant in the afternoon with occasional d.
15—⊕ in the morning; ⊤° to the E at 2.47 p. m.
16—● in the forenoon, afternoon and during the night; ◹ to the N and S quadrants in the afternoon.
17—$●^2$ early in the morning; ●° or d in the morning and afternoon.
18—Frequent ●° or d; ◺° N quadrant in the evening.
19—● in the early morning, afternoon and at night, with ⊤ SE and gusty SW winds in the afternoon.
20—$⊕^2$ in the morning; ●° in the early morning and afternoon; heavy thundershowers in the evening.
21—⊕ in the afternoon; ● in the evening.
22—⊕ in the morning and afternoon; d^2 at night.
23—p, d in the evening.
24—◹ NE quadrant with d or ●° in the afternoon and at night.
25—Somewhat gusty SWly winds in the afternoon and at night; ● at night.
26—◹ N quadrant, ● in the evening.
27—● early in the morning; ⊕ at 1 p. m.; ☋ in the evening.
28—● early in the morning, afternoon and at night.
29—Frequent ● with somewhat gusty SWly winds in the morning and afternoon.
30—● in the early morning; ●° in the afternoon and at night with some gusty SWly winds.
31—As yesterday.

OBSERVATIONS FOR AUGUST, 1917.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	57.50	57.40	57	57.05	57.15	57.62	57.74	57.85	57.91	57.83	57.73	57.31
2	57.45	57.15	57.20	57.15	57.20	57.34	57.49	57.79	58.25	58.24	57.87	57.63
3	57.60	57.40	57.05	56.60	56.90	56.85	57.30	58.11	**58.39**	58.19	57.79	57.85
4	57.15	56.80	56.45	56.50	56.65	56.79	56.95	57.41	57.89	58.01	57.68	57.29
5	57.80	57.70	57.35	57.55	57.70	57.91	58.15	58.56	58.37	58.14	57.93	57.55
6	58.40	58.15	58.15	58.10	58.15	58.49	58.56	58.90	59.23	**59.29**	58.64	58.19
7	58	57.75	57.35	57.45	57.50	57.87	58.07	**58.47**	58.27	58.08	57.84	57.07
8	57.25	57	56.75	56.65	57	57.05	57.61	57.66	57.70	57.67	57.24	56.77
9	56.75	56.70	56.75	56.75	57.15	57.72	58.01	58.13	58.21	58.09	57.67	57.04
10	57.80	57.55	57.05	57.30	57.50	57.61	57.95	**58.78**	58.70	58.43	58.03	57.47
11	55.90	55.40	55.50	55.45	**55.35**	55.73	56.05	56.64	56.63	56.64	56.77	56.58
12	57.55	57.10	56.95	57	57.35	57.74	58.08	58.31	58.37	58.35	58.16	57.69
13	59	58.40	58.15	57.95	58.05	58.50	59	59.27	**59.28**	58.84	58.64	57.81
14	57.95	57.55	57.45	57.25	57.20	57.44	57.93	58.10	**58.13**	57.97	57.58	57.11
15	56.60	56.45	56.25	56.35	56.55	56.60	57.10	57.59	**57.88**	57.53	57.31	56.86
16	**56.05**	55.50	55.35	54.90	54.75	55.09	55.36	55.80	55.65	55.22	54.82	54.51
17	53.40	53.10	52.85	52.85	52.85	52.94	53.55	53.59	**53.64**	53.43	53.17	53.11
18	53.30	53	52.45	**52.20**	52.50	52.64	53.39	54.28	54.37	54.29	54.21	54.02
19	55.70	55.75	**55**	**55**	55.30	56.04	56.50	56.64	56.82	56.99	56.93	56.50
20	57.25	57.05	56.85	57	56.95	57.16	57.70	58.08	58.12	57.83	57.92	57.66
21	59	58.65	58.50	58.45	58.55	58.93	59.24	**59.49**	59.50	59.42	59.12	58.84
22	59.65	59.30	59.30	59.25	59.25	59.40	59.85	60.11	60.28	60.05	59.78	59.17
23	59.60	59.35	59.30	59.15	59.25	59.29	59.57	59.98	60	59.92	59.67	59.19
24	59.65	59.20	59.50	59.80	59.95	60.04	60.42	60.88	**60.89**	60.87	60.41	59.76
25	59.75	59.40	59.50	59.50	60	60.34	60.60	**60.64**	60.62	60.23	59.87	59.41
26	58.65	58.50	58.55	58.45	58.50	58.64	59.09	**59.40**	59.37	59.30	58.97	58.36
27	57.60	57.65	57.55	57.80	57.95	58.12	58.87	58.99	58.90	58.75	58.34	57.80
28	59.10	58.80	58.60	58.70	58.85	58.88	59.32	59.63	**59.85**	59.54	58.96	58.32
29	58.30	58.05	58	57.85	57.85	58.16	58.20	58.27	**58.32**	58.27	57.99	57.24
30	56.40	56.10	55.80	55.70	55.75	55.88	56.28	56.69	56.89	56.72	56.39	56.01
31	56.15	55.95	55.40	55.20	55.30	55.38	55.96	56.30	56.33	56.28	55.91	55.26
Mean	57.49	57.22	57.03	57	57.13	57.36	57.74	58.08	58.15	58.01	57.72	57.27

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24.4	24.4	24.1	24.1	24.2	24.3	24.3	25.5	29.1	28	30	**30.5**
2	23.7	23.6	**23.5**	**23.5**	23.6	23.7	25.4	27	29.6	29.5	30.5	**30.8**
3	26.1	25.9	25.7	25.8	25.7	25.7	25.3	25.3	26.4	28	**29**	**24.9**
4	25.5	24.6	24.6	24.7	24.7	24.6	24.5	26	27.1	26.2	27.2	27.1
5	**22.9**	**22.9**	**22.9**	23	23.3	23.6	24.3	25.7	27.3	28.8	28.7	**30.6**
6	24.9	24.6	24.6	24.5	24.3	**24**	26.1	28.8	27.4	29	30.5	30.8
7	24.9	24.6	24.4	24.4	24.3	24.5	25.6	27.7	28.1	29.2	30	**30.5**
8	24.1	24.3	24.2	23.9	23.8	**23.7**	25.7	27	28.6	30.2	29.8	30.2
9	24.3	24.1	23.8	**23.6**	23.9	24	25.8	27	28.9	28.6	29	30.2
10	24.4	24.2	23.8	24	**23.6**	23.8	24.8	27.1	28.9	28.8	29	29.7
11	**25.4**	26.7	26.6	27.1	26.3	26.6	27.6	29.2	**30.1**	29.9	29.7	29.8
12	26.1	24.7	23.9	23.7	23.6	**23.5**	26.6	28.4	30.2	30.5	30.5	**31.3**
13	25	24.8	24.5	24.3	24.1	**24**	25.3	27.8	28	29.5	30	30
14	25.1	24.9	24.7	24.4	24.3	**24.1**	26.6	28.7	30.1	31	30	31.1
15	24.6	24.8	24.9	24.7	24.6	24.6	26.8	28.5	30.1	30.1	31	31.1
16	25.1	25	25	24.8	**24.6**	24.7	26.3	28.4	30.1	30.4	31.2	31.6
17	24.9	24.7	**24.6**	26	27.4	27.5	27.7	28.4	28.6	29.3	**30.2**	**30.2**
18	27.3	26.6	26.9	27.2	27.2	26	25.1	25.3	26.3	27.5	**29.5**	28.8
19	25	24.9	25.2	25.1	25	**24.6**	24.8	25.4	25.7	27.2	28.1	28.3
20	26.4	26.2	26.3	**25.4**	25.5	26.1	27.3	27.5	29.2	29.7	29.3	29.7
21	25.1	24.9	24.8	24.6	24.5	24.7	25.9	28.2	29	30.4	31.4	30.9
22	23.8	23.7	23.7	23.5	**23.3**	**23.3**	25.8	26.8	27.3	29.1	29.8	30.3
23	24.2	24.8	24	**23.7**	**23.7**	**23.7**	26.1	28.4	28.6	29.6	30	30.7
24	23.6	**23.3**	24.2	24.1	23.8	23.4	26	28	28.8	29	30.1	**30.3**
25	23.9	23.7	23.6	**23.5**	23.7	24	25.6	27.7	29.1	29.8	29.7	30.1
26	24.2	24	23.9	**23.7**	**23.7**	23.9	25	27.3	28.7	27.7	30.1	30.8
27	**24.9**	25.1	25.2	25.2	25.1	25.1	26.6	28.6	29.3	29.7	30.5	31
28	25.6	25.3	25	25.2	25	25	26.9	29.3	27.6	29.7	30.6	31.4
29	24.2	24.1	24.3	24.2	**23.8**	24.2	26.3	28.1	30.1	29.2	30.6	30.9
30	24.4	24.3	24	23.8	**23.6**	**23.6**	25.6	28.3	30.6	30.7	30.8	31
31	24.2	24	24	23.4	23	**22.8**	25.6	28.6	29.9	29.7	29.6	30.7
Mean	24.8	24.6	24.5	24.5	**24.4**	**24.4**	25.8	27.5	28.7	29.2	29.9	**30.2**

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
57.22	**56.79**	56.81	56.88	57.54	56.94	57.15	57.75	58.10	**58.45**	58.15	57.75	57.48
57.31	56.73	56.42	**56.36**	56.66	57.24	57.64	57.70	57.65	**58.45**	58.40	57.85	57.47
57.58	57.23	56.88	56.42	**56.13**	56.58	57.05	57.10	57.75	57.75	57.80	57.75	57.34
57.12	56.54	**56.08**	56.19	56.28	56.63	57.10	57.75	57.95	**58.85**	58.25	58.15	57.19
57.35	56.68	**56.37**	56.51	56.82	57.29	57.70	58.10	58.50	**58.90**	58.85	58.60	57.77
58.12	57.36	57.32	**57.22**	57.27	57.47	57.77	58.35	58.65	58.65	**58.65**	58.35	58.23
56.73	56.65	**56.25**	56.27	56.65	56.83	57.24	57.60	57.95	57.95	57.80	57.50	57.46
56.22	55.95	**55.49**	55.92	55.95	56.48	56.87	57.45	57.85	**58.20**	58.10	57.55	57.02
56.84	56.48	**56.44**	56.51	56.79	57.05	57.57	57.75	57.80	58.25	**58.40**	57.95	57.37
56.71	56.34	56.01	56.08	**55.94**	56.63	57.08	57.15	57	**56.75**	56.55	**56.25**	57.19
56 48	55.93	55.92	56.02	56.07	56.45	56.67	57.60	58.10	**58.45**	58.20	**57.95**	56.52
57.35	57.17	56.98	**56.77**	57.07	57.48	58.10	58.55	59	59.30	**59.60**	59.50	57.90
57.19	56.79	**56.27**	56.38	56.70	56.93	57.20	57.80	58.45	58.65	58.50	**58.30**	58
56.51	55.91	55.87	**55.40**	55.76	56.40	56.88	57.05	57.25	57.75	57.45	57.10	57.12
56.28	55.35	54.90	**54.83**	55.16	55.52	55.64	56.40	56.85	56.90	56.30	56.45	56.40
53.68	53.30	52.78	**52.64**	53.05	53.72	54.12	54.10	54.30	**54.25**	54.20	53.90	54.46
52.71	52.68	52.27	51.79	**51.76**	52.01	52.36	52.80	53.25	53.40	53.55	53.50	**52.94**
53.57	53.15	53.08	53.30	53.79	54.01	54.59	55.10	55.90	55.90	56.05	**56.10**	53.97
56.28	55.83	55.72	55.62	55.67	56.07	56.35	56.55	57.05	**57.80**	57.75	57.50	56.31
57.08	**56.56**	56.77	56.77	56.73	57.34	58.08	58.50	58.90	59.05	**59.20**	59.15	57.65
58.39	57.95	**57.62**	57.76	58.06	59.06	59.54	59.80	60.30	**60.55**	60.20	60	59.04
58.47	58.02	57.77	**57.56**	57.77	58.02	58.67	59.65	**60.45**	**60.45**	60.35	59.85	59.27
58.77	58.41	58.02	**57.77**	58.59	59.34	60.37	60.65	60.70	**61.05**	60.75	60.05	59.53
59.12	58.91	**58.51**	58.68	58.88	59.51	60.13	60.15	**60.70**	60.85	60.70	60.25	**59.91**
58.71	57.92	**57.88**	58.49	58.48	58.86	59.18	**59.70**	**59.95**	60	59.70	59.10	59.49
57.71	56.99	56.67	**56.52**	56.78	57.08	57.55	57.85	**58.35**	58.85	58.75	57.95	58.20
57.13	56.69	56.50	**56.15**	56.64	56.90	57.66	58.60	59.35	**59.70**	59.60	59.15	58.02
57.34	56.67	**56.24**	56.62	56.94	57.85	**58.42**	58.85	59.35	59.20	59.55	58.60	58.51
56.21	55.93	55.54	**55.22**	55.24	55.67	56.25	56.70	56.90	57.25	57.30	56.95	57.15
55.07	54.40	**53.74**	53.87	54.46	54.72	55.33	**55.95**	56.45	**57.10**	56.95	56.45	55.80
54.36	53.85	**53.61**	53.83	54.08	54.14	54.74	55.50	55.85	**56.50**	**56.50**	56.10	55.35
56.76	56.30	56.02	**56.01**	56.25	56.65	57.13	57.57	57.95	**58.23**	58.13	57.79	57.29

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
30.4	30.4	28.9	27	24.3	24.3	24.3	24.3	24.3	24.3	24.1	**23.9**	26
29.7	**30.7**	30.2	29.1	29.7	27.1	27.1	26.8	26.9	26.8	26.7	26.6	27.2
25.8	26.2	26.6	26.2	26.3	25.8	25.4	26.5	26.6	26.5	25.7	25.4	26.1
27.5	27.1	**27.6**	27	27	25.5	25.4	25.3	24.9	23.5	23.3	**23.1**	**25.6**
29.5	29.4	30.4	30.5	28.7	27.9	27.5	27.2	26.4	25.6	25.2	25.1	26.6
31.4	31.1	31.4	**31.5**	29.7	28.3	27.1	26.5	26.1	25.6	25.3	25.1	27.4
30	25	25.9	27.4	27.1	26.2	25.6	25.4	25.3	25	24.5	**24.1**	26.2
30.4	**30.8**	29.7	25.5	24.8	24.9	24.8	24.8	24.7	24.5	24.6	24.6	26.2
29.9	**30.5**	29.2	27.1	25	25.1	24.9	25.1	24.8	24.7	24.8	24.3	26.2
30.1	30	**30.2**	29.9	28.4	26.6	25.9	25.7	25.5	25.8	27.1	26.2	26.8
25.9	28.8	27.1	28.5	**28.1**	27.4	27	26.2	25.7	25.6	25.6	26	27.4
31.2	30.9	30.3	30.6	29.5	28.5	27.6	27.7	27.2	27.1	25.9	25.3	27.7
30.4	**30.8**	30.1	30.1	29.6	28.6	28.1	27.9	27.9	27.1	26.2	25.7	27.5
31.4	**32.3**	31.8	31.9	30.6	28.7	27.5	25.8	25.5	25.4	25.3	24.8	27.8
31.4	31.4	31.5	**31.6**	25	24.7	**24.3**	24.6	25.1	25.9	25.3	25.5	27.2
32	31.9	**32.1**	31.3	28.9	26.9	26.2	25.7	25.4	25.1	25.1	25.2	27.6
27.5	25.7	25.5	27	27.5	27.9	27.7	27.7	27.7	27.4	27.5	27.3	27.3
28.6	28.5	28.9	26.9	26.8	25.4	25.3	25.5	**24.7**	25.4	24.9	25	26.6
28.3	29.3	**29.5**	28.7	28.2	27.5	27.3	27.1	26.5	26	25.6	26.1	26.6
30.4	29.7	28.9	28.7	28.5	27.9	27.7	27.4	27	26.8	25.9	**25.4**	27.6
31.3	**31.9**	31.6	30.9	30.7	24.7	25.7	25	24.7	24.4	24.3	**24.1**	27.2
31.1	31.4	32	**32.5**	30.8	29.3	29	27.9	25.1	24.7	24.6	24.2	27.2
31.3	**32.6**	30.9	26.2	25.7	25.4	24.9	24.1	24	24.4	24	23.8	26.4
30.1	27.6	26.8	27	28.2	27.1	25.8	25.6	25.6	25.1	24.7	24.3	26.4
30.5	**30.8**	28.4	27.7	27.5	27.1	26.5	25.9	25.5	25	24.8	24.6	26.6
30.9	31.2	**31.5**	29.1	29.2	28.2	27.8	27.5	26.4	25.9	25.8	25.5	27.2
31.6	31.5	**32**	29.9	29.3	28.6	28.4	28.4	27.9	26.5	26.2	25.6	**28**
31.9	**32**	31.6	29.9	27.5	26.7	26.4	26.2	25.9	24.6	24.7	**24.3**	27.4
31.4	29.6	26.8	26.2	26.2	26	25.6	25.5	25.4	25.2	25.1	24.8	26.6
31.9	32.2	**32.4**	**32.4**	27.4	26.6	26.1	26.7	26.4	25.7	25.1	24.7	27.4
31.4	**31.7**	27	25.5	26.8	25.7	25.3	25.2	25.4	25.1	25.1	25	26.4
30.2	30.1	29.6	28.8	27.8	26.8	26.4	26.2	25.8	25.5	25.3	25	26.9

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	94	94	97	96	96	94	93	88	77	82	68	70
2	99	99	98	97	97	97	93	88	75	78	70	72
3	91	92	93	93	93	93	95	92	87	84	78	97
4	94	97	97	97	96	97	95	92	83	83	81	81
5	99	99	99	99	98	97	97	90	81	73	77	67
6	94	95	94	94	93	96	85	77	84	75	70	67
7	95	97	98	97	97	97	93	84	81	72	74	72
8	97	95	96	97	97	96	89	84	78	75	76	74
9	95	96	97	98	97	97	90	86	76	79	74	68
10	95	96	97	96	97	96	93	84	79	79	79	76
11	96	88	89	86	91	90	82	76	73	77	77	75
12	86	92	96	95	96	96	83	78	70	70	70	68
13	95	95	96	96	97	97	95	86	85	76.5	73	73
14	96	97	97	97	97	97	84	75	71	67	74	69
15	97	97	97	95	94	93	83	77	74	74	72	70
16	92	92	91	93	93	92	85.5	77	69	70	66	62
17	95	96	96	85	78	78.5	78	75	73	71	68	70
18	83	87	85	84	86	92	94	94	88	87	75	80
19	93	94	93	92	91	93	93	93	90	83.5	82	81
20	83	85	85	89	89	85	82	87	77	76	78	75
21	96	95	96	97	97	97	93.5	85	80	72	67	67
22	98	97	97	97	98	97	88	90	87	78	77	75
23	95	92	97	97	97	97	88	80	80	77	75	74
24	97	98	94	95	96	97	85	77	75	76	73	73
25	98	98	98	98	97	96	89	82	72	69	71	71
26	97	97	97	98	97	97	91	82	78	84	75	69
27	98	98	98	98	98	98	91	81	81	79	73	71
28	92	93	96	93	95	94	86	76	88	79	74	71
29	95	96	94	93	97	94	85.5	80	71	74	72	72
30	95	94	96	97	96	95	89	78	68.5	70	71	70
31	91	91	90	93	95	96	86	74	69	69	73	68
Mean	94.2	94.6	95	94.6	94.7	94.6	88.9	82.8	78.1	76.1	73.6	72.5

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	21.3	21.3	21.5	21.4	21.5	21.2	21	21.3	23.1	23.1	21.4	22.6
2	21.6	21.4	21.1	21	21.1	21.2	22.3	23.3	23.2	23.8	22.8	23.7
3	22.9	22.8	22.9	22.8	22.9	22.9	22.7	21.9	22.3	23.5	23.1	22.6
4	22.8	22.2	22.4	22.3	22.2	22.2	21.7	22.9	22	21	21.6	21.6
5	20.6	20.6	20.6	20.7	20.9	21.1	22	22.1	21.9	21.6	22.5	21.9
6	22	21.8	21.6	21.5	21	21.2	21.4	22.6	22.6	22.3	22.8	22
7	22.2	22.2	22.3	21.9	22	22	22.5	23.1	22.9	21.8	23.4	23.5
8	21.7	21.4	21.5	21.5	21.2	20.8	21.9	22.3	22.6	23.8	23.6	23.7
9	21.4	21.4	21.3	21.3	21.3	21.4	22.3	22.7	22.4	23	22	21.7
10	21.6	21.5	21.2	21.2	20.9	20.9	21.7	22.4	23.4	23.3	23.6	23.5
11	23.1	22.9	23	22.8	23.2	23.1	22.5	23	23.3	24.3	23.7	23.5
12	21.7	21.2	21.1	20.6	20.7	20.6	21.4	22.4	22.4	22.6	22.8	23.1
13	22.4	22.1	21.9	21.6	21.5	21.4	22.7	23.9	23.9	23.4	22.9	22.9
14	22.7	22.6	22.3	22.1	22	21.7	21.8	22.1	22.4	22.5	23.4	23.3
15	22.2	22.5	22.6	21.9	21.6	21.4	21.6	22.2	23.5	23.5	24	23.5
16	21.7	21.6	21.3	21.7	21.4	21.2	21.7	22.3	21.8	22.4	22.4	21.5
17	22.2	22.2	22	21.1	21.3	21.4	21.5	21.6	21.3	21.5	21.6	22.4
18	22.3	22.6	22.4	22.6	23	22.9	22.3	22.6	22.3	23.8	23	23.4
19	22	22	22.2	21.7	21.3	21.4	21.7	22.3	22.1	22.4	23.3	23.2
20	21.3	21.6	21.6	21.5	21.7	21.4	22.1	23.6	23.2	23.5	23.5	23.3
21	22.7	22.2	22.3	22.2	22	22.3	23.2	24.1	23.7	23.1	22.9	22.4
22	21.5	21.2	21	21	20.9	20.7	21.9	23.4	23.4	23.2	23.9	24
23	21.3	21.3	21.4	21.2	21	21	22.1	22.8	23.4	23.6	23.5	24.4
24	20.9	20.9	21.1	21.1	20.9	20.6	21.1	21.7	22	22.5	23.3	23.3
25	21.6	21.4	21.3	21.1	21	21.2	21.8	22.7	21.6	21.6	22	22.6
26	21.8	21.6	21.5	21.4	21.2	21.3	21.3	22.1	22.9	23.3	23.7	22.9
27	23	23.3	23.2	23.4	23.3	23.3	23.5	23.5	24.6	24.4	23.6	23.6
28	22.4	22.3	22.5	22.2	22.4	22.1	22.5	22.9	24.2	24.4	24.3	24.2
29	21.3	21.4	21.2	20.9	21.2	21.1	21.7	22.6	22.6	22.3	23.4	23.8
30	21.6	21.2	21.2	21.2	20.7	20.5	21.8	22.3	22.3	22.9	23.4	23.3
31	20.5	20.3	19.9	19.9	19.8	19.7	21	21.5	21.5	21.2	22.5	22.2
Mean	21.9	21.8	21.7	21.6	21.5	21.5	22	22.3	22.7	22.9	23	23

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
70	72	76	85	97	99	98	97	97	96	97	97	88.8
76	74	74	76	71	83	84	86	86	86	87	88	84.8
91	88	89	93	94	96	98	90	91	91	96	96	91.7
79	80	80	82	79	88	89	89	92	93	95	97	89
68	68	67	65	71	75	77	80	86	90	92.5	94	83.7
65	63	63	59	68	76	84	89	91	93	94	95	81.8
73	92	91	87	89	93	96	94	97	94	97	97	89.9
73	70	72.5	91	92	93	94	95	94	95	95	95	88.1
69	69	76	87	93	94	95	95	95	96	96	97	88.1
75	76	73	71	78	85	90	93	93	95	87	91	86.4
93	79	84	77.5	81	84	86	90	93	91	92	89	85
68	69	70	69	73	76	81	81.5	83.5	85	91	94	80.9
70	67	72	71	75	81	82	82	82	89	93	93	84.2
70	68	68	69	73	82	86	89	93	93	95	97.5	83.5
67	68	69	69	91	90	94	92	92	88.5	93	89	84.4
60	60	60	66	80	89	89.5	94	93	95	95	92.5	81.5
82	88	91	81	81	77	83	82	81.5	81	79	84	81.4
80	81	78	90	85	94	95	93	95	93	96	93	87.8
80	74	75	78	78	81	81	83	87	90	93	88	86.1
72	73	78	78	77	80	81.5	83	85	87	93	94	82.2
64	59	61	65	69	96	96	96	96	97	96	97	84.8
73	70	65	60.5	67	74	76	74	91	91	92	95	83.6
71	68	71	88	93	94	94	94	95	93	97	98	87.7
73	84	86	87	82	90	88	92	90	93	97	97	87.3
73	76	83	86	85	89	91	93.5	95	95	95	95	87.3
65	63	66	80	78.5	82	84	86	93	95	96	98	85.4
65	65	65	77	81	83	82.5	82	85	94	91	92	84.4
69	67	65	71	89	94	93	94	92	93	94	95	85.5
69	77	90	88	89.5	91	93	93	94	95	95	94	87.2
65	64	64.5	65	68	80	85	81	82	85	88	90	80.7
67	66	91	95	88	93	97	96	94	95	93	93	86
72.1	72.2	74.6	77.6	81.2	86.5	88.5	89	90.8	91.9	93.2	93.7	85.5

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
22.4	23.1	22.5	22.5	21.8	22.4	22.2	22	21.8	21.6	21.5	21.5	21.9
23.5	24.2	23.7	22.8	21.9	22.3	22.4	22.6	22.5	22.6	22.7	22.7	22.5
22.4	22.2	23	23.4	23.8	23.6	23.5	23	23.5	23.4	23.5	23.1	23
21.6	21.2	21.9	21.7	20.9	21.4	21.5	21.4	21.6	20	20.1	20.5	21.6
20.8	20.6	21.6	21.1	20.9	21	21	21.4	21.9	22	22	22.3	21.4
22.2	21.2	21.4	20.3	21	21.7	22.4	22.8	22.9	22.5	22.6	22.5	21.9
22.9	21.7	22.6	23.5	23.6	23.4	23.3	22.7	23.1	22.1	22	21.7	22.6
23.5	23	22.4	22	21.3	21.8	21.9	22.1	21.8	21.7	21.8	21.8	22.1
21.7	22.4	23	23.2	22	22.3	22.2	22.5	22.1	22.2	22.3	22	22.1
23.7	23.9	23.2	22.2	22.4	21.9	22.4	22.7	22.6	23.5	23.2	23	22.5
23	23.3	22.4	22.4	22.9	22.6	22.7	22.8	22.9	22.1	22.4	22.1	22.9
23	23	22.5	22.6	22.4	22	22.3	22.4	22.4	22.7	22.6	22.6	22.1
22.4	22	22.9	22.6	22.9	23.5	23.3	23	22.7	23.6	23.4	22.9	22.7
23.8	24.5	23.7	24.3	23.8	23.9	23.4	22	22.6	22.5	22.7	22.6	22.9
22.9	23.3	23.7	23.8	21.3	20.8	21.2	21.2	21.7	22	22.2	21.7	22.3
21.3	21.1	21.4	22.3	23.6	23.4	22.6	23.1	22.5	22.5	22.5	22	22.1
22.4	21.7	22	21.5	22	21.5	22.9	22.7	22.4	21.8	21.6	22.5	21.9
23.1	23.4	23.2	23.6	22.2	22.7	22.7	22.6	21.9	22.5	22.4	22	22.7
22.7	22.3	22.8	22.9	22.1	22.2	21.9	22	22.4	22.5	22.5	22.1	22.2
23.3	22.7	22.9	22.9	22.2	22.3	22.4	22.5	22.5	22.8	23	22.7	22.5
21.7	20.7	21.1	21.5	22.5	22.2	23.5	22.5	22.2	21.9	21.6	21.5	22.3
24.4	23.8	23	22	22	22.3	22.5	20.6	21.5	21	21.2	21.3	22.2
24	24.8	23.6	22.2	22.7	22.7	22	21	21	21.2	21.4	21.5	22.3
23.3	22.9	22.4	23.1	23.4	23.9	21.9	22.4	22	22.1	22.3	22	22.1
23.6	25.2	23.9	23.7	23.2	23.6	23.4	23.2	23	22.4	22.1	21.8	22.5
21.5	21.3	22.6	23.9	23.6	23.4	23.2	23.4	23.7	23.6	23.6	23.6	22.6
22.5	22.4	23	24.3	24.4	24	23.7	23.5	23.8	24	23	22.4	23.5
24.1	23.8	22.4	22.3	24.2	24.3	23.7	23.6	22.8	21.4	21.8	21.4	23
23.5	23.6	23.7	22.2	22.6	22.7	22.8	22.6	22.7	22.6	22.5	21.9	22.4
22.8	22.8	23.3	23.6	18.3	20.7	21.3	21.1	20.9	20.9	20.7	20.8	21.6
22.9	22.9	24.1	23	23	22.9	23.1	22.8	22.7	22.5	22.1	22	21.8
22.8	22.7	22.8	22.7	22.4	22.6	22.6	22.4	22.4	22.3	22.2	22.1	22.3

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.-Cu.	Cu. WSW	Ci.	Cu.-N.	A.-Cu. WSW	Cu.-N.	A.-Cu. WSW	Cu.-N. WSW	Ci.-Cu.	Cu.-N.
2	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	----------	Cu.	----------	Cu.
3	A.-Cu.	N. WNW	A.-Cu.	N. WNW	----------	N.	A.-Cu.	N. WNW	----------	N. WNW
4	----------	Fr.-N. WNW	----------	S.-Cu. WNW	----------	Cu. WNW	Ci.-S.	Cu. WNW	Ci.-S.	Cu. WNW
5	----------	Cu.-N.	A.-Cu. NNE	Cu.	A.-Cu. NNE	Cu.	A.-Cu.	Cu.	Ci.-S.	Cu.
6	A.-Cu.	Cu. E	Ci.	Cu. E	Ci.-S.	Cu. E	Ci.	Cu. E	Ci.	Cu.
7	Ci.-Cu.	S.-Cu. NNE	Ci.-Cu.	S.-Cu. NNE	Ci.	Fr.-Cu. ENE	Ci.	Cu.-N. NE	A.-Cu. NE	Cu.-N. NE
8	Ci.-S. SE	Cu. E	Ci. SE	Cu. E	Ci. SE	Cu. E	Ci.	Cu. E	Ci.	Cu. E
9	Ci.-Cu.	S.-Cu.	Ci.-Cu. ENE	S.-Cu. E	Ci.-Cu.	S.-Cu. E	Ci.-Cu.	S.-Cu. E	Ci.-Cu.	Cu.-N.
10	Ci. E	Cu.	Ci.-S. E	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
11	Ci.-S.	Cu.-N. W	Ci.-S.	Cu. W	Ci.-S.	Cu. W	Ci.-S.	Cu.-N. SW	Ci.-S.	Cu.-N. SW
12	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
13	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	S.-Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
14	Ci.	Cu.	Ci.	Cu. NNW	Ci.	Cu. NNW	Ci.	Cu. NNW	Ci.	Cu. ENE
15	A.-Cu. NNW	Cu.	A.-Cu. NNW	Cu. N	Ci.-Cu.	S.-Cu. NW	Ci.-Cu.	Cu. NW	Ci.	Cu. NW
16	A.-Cu. NNW	Cu.	Ci. NEbyN	Cu.	Ci.	Cu. NW	Ci.	Cu. NNW	A.-Cu.	Cu. NNW
17	Ci.-S.	N.-cf. WNW	Ci.-S.	N.-cf. WNW	Ci.-S.	N.-cf. WbyN	Ci.-S.	Cu. WbyN	Ci.-S.	N.-cf. WbyN
18	----------	Cu.-N. W	A.-S.	Cu. W	A.-S.	Cu. W	Ci.-S.	Cu. W	Ci.-S.	Cu.-N. W
19	----------	N. WSW	----------	Cu.-N.	----------	Cu.-N.	----------	Cu.-N. SWbyW	----------	Cu.-N.
20	Ci.-S.	S.-Cu. WSW	----------	S.-Cu. WSW	Ci.-S.	S.-Cu.	----------	S.-Cu. WSW	Ci.-S.	S.-Cu.
21	Ci.-Cu. ENE	Cu. SW	Ci.	Cu. SW	Ci.	Cu. SSW	Ci.	Cu.-N.	Ci.-S.	Cu.
22	----------	Cu. E	Ci.	Cu. E	----------	Cu. E	Ci.	Cu.	Ci.	Cu.
23	Ci.	Cu.	Ci.	Cu. NE	Ci.	Cu. NE	Ci.	Cu. NE	Ci.	Cu. NE
24	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
25	Ci.-Cu.	Cu.	Ci.	Cu.	Ci.	Cu.-N.	Ci.-Cu. ESE	Cu.-N. ESE	Ci.-Cu.	Cu.-N.
26	Ci.-S.	Cu. SW	Ci.-S.	Cu. SW	Ci.-S.	Cu. W	Ci.-S.	Cu. NW	Ci.-S.	Cu.
27	----------	Cu. N	----------	Cu. N	----------	Cu.	----------	Cu.	----------	Cu.
28	----------	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu. E	Ci.	Cu.
29	Ci.	Cu.	Ci.	Cu. NE	Ci.	Cu. NE	Ci.	Cu. NE	Ci.	Cu. NE
30	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.
31	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	A.-Cu. SSE	Cu.	----------	Cu.	----------	Cu.	----------	N.-cf. WSW	----------	N.
2	----------	Cu.	A.-Cu. W	Cu.-N. W	A.-Cu. W	Cu.-N.	A.-Cu. W	Cu.-N.	A.-Cu. W	Cu.-N. W
3	----------	N. WNW	----------	Fr.-N. WNW	----------	Cu.-N. WNW	----------	N.	----------	S.-Cu.
4	----------	Cu. WNW	Ci.-S.	N.-cf. WbyN	Ci.-S.	N.-cf. NW	Ci.-S.	N. W	Ci.-S	N. WSW
5	Ci.-S.	Cu.	Ci. NNE	Cu.	----------	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.
6	Ci.	Cu.	Ci.-Cu.	Cu.-N.	Ci.-Cu.	Cu.-N.	Ci.-Cu.	Cu.-N.	Ci.-Cu. NE	Cu.-N.
7	A.-Cu.	Cu. NE	----------	Cu.-N.	----------	Cu.-N. E	----------	Cu.-N.	----------	Cu.-N.
8	Ci.	Cu. E	Ci.	Cu.-N. E	Ci.	N. E	----------	Cu.-N. E	Ci.-Cu.	Cu.-N.
9	A.-Cu.	Cu. ENE	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N.	----------	Cu.-N.
10	Ci.-S.	Cu.	Ci.-S.	Cu. WSW	Ci.-S.	Cu.-N.	Ci.-S.	S.-Cu. W	A.-Cu.	N. W
11	----------	Cu.-N. SW	Ci.-S.	Cu.-N. SW	Ci.-S.	Cu.-N. SW	Ci.-S.	Cu.-N.	Ci.-S.	Cu. SW
12	Ci.-S. NNW	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.	Cu.
13	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
14	----------	Cu. ENE	----------	Cu.-N.	----------	Cu.-N.	----------	Cu.-N.	A.-Cu.	Cu.-N.
15	Ci.	Cu. NW	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu.-N. NW	Ci.	Cu.-N.
16	A.-Cu.	Cu. NNW	Ci. NE	Cu.-N.	Ci.	Cu.-N.	Ci.-Cu.	Cu.-N. NNW	A.-Cu.	Cu.-N. WNW
17	----------	Cu. WNW	----------	N.	----------	N.	A.-S.	Cu.-N. WNW	A.-S.	Cu. WNW
18	----------	Cu.-N.	----------	N. SW	----------	N. SW	----------	N. SW	----------	N. SW
19	Ci.-S.	Fr.-N. SW	Ci.-S.	S.-Cu. SW	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.
20	Ci.-S.	Cu.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
21	Ci.-S.	Cu.	Ci.-Cu. E	Cu.	Ci.-Cu. E	Cu.	Ci.-Cu.	Cu.	A.-Cu.	Cu.-N. SW
22	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.-N.	Ci.	Cu.-N.	Ci.	Cu.-N.
23	Ci.	Cu. NE	----------	Cu.	----------	Cu.-N. NE	Ci.	Cu.-N.	Ci.	Cu.
24	----------	Cu.	A.-Cu.	Cu.-N. NE	A.-Cu.	Cu.-N.	A.-Cu.	Cu.-N.	A.-Cu.NEbyN	Cu.-N.
25	Ci.	Cu.	----------	Cu.-N.	----------	Cu.-N.	----------	M.-Cu.	----------	N.
26	Ci.	Cu.-N.	Ci.	Cu.-N.	Ci.-Cu.	Cu.-N.	Ci.	Cu.-N.	----------	Cu.-N.
27	----------	Cu.	----------	Cu.	----------	Cu.-N.	----------	Cu.-N.	----------	Cu.-N.
28	Ci.	Cu.	Ci.-S. ESE	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S	Cu.-N.
29	Ci.	Cu.-N.	----------	Cu.-N. NE	----------	M.-Cu.	----------	N.	----------	N.
30	Ci.	Cu. E	Ci.-S.	Cu. E	Ci.	Cu. E	Ci.	Cu.-N. E	----------	Cu.-N.
31	Ci.-S.	Cu. ESE	Ci.	Cu. SE	----------	Cu.-N. SE	----------	Cu.-N. SE	Ci.-S.	Cu.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	SSW 0.5	SSW 1	Calm	Calm	Calm	NW 3.5	NNE 0.5	NNE 1	Calm	WNW 1.5	WSW 8	SW 7
2	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NE .5	Calm	SW 1	SW 4.5	SW 6.5
3	WSW 3.5	W 1.5	SSW 1	SSW 1	SW 3.5	Calm	Calm	WSW 1	W 5	NWbyW 4	WNW 1.5	SW 1.5
4	Calm	Calm	Calm	Calm	Calm	Calm	SSW .5	WSW 3	SSW 2	SW 5	SW 3.5	SW 3
5	NE 2	NE 2	NE 1.5	Calm	NE .5	Calm	Calm	Calm	E .5	E .5	WNW 2	W 3
6	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	W 1.5	WbyN 3	WbyN 2.5	W 3
7	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	W 2.5	W 2.5	W 6
8	Calm	Calm	Calm	Calm	Calm	Calm	NbyW .5	NNE 1	NNE 1	Calm	NE 1	Calm
9	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SW .5	WNW 1.5	WNW .5	WNW 4
10	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SW 1.5	SW 2.5
11	Calm	S 3.5	S 3.5	SSW 5.5	SSW 5.5	SW 4	SW 8	SW 7.5	SW 11	SW 6	SW 6	SW 7
12	S 3	ESE 1	SE .5	Calm	SE 1.5	Calm	Calm	Calm	SSE 1	S .5	S 1	SW 1
13	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WSW .5	Calm	Calm	SSW 1	SW 1
14	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NW 1	NNW 1.5	NNW 3.5	WbyN 5.5	W 5.5
15	Calm	Calm	Calm	WNW .5	N 1	Calm	NbyE .5	NbyW 1	N 2	WNW 1	NWbyW 1	WbyN 2
16	NE 1	Calm	NNW 1	Calm	NE 1	Calm	NNE 1	NbyW 1.5	NbyE 1.5	NNW 3	WNW 2	W 3
17	Calm	Calm	Calm	W 2.5	W 4.5	WNW 5.5	WbyN 6	W 5	WSW 8	W 9.5	WbyS 5.5	WSW 7
18	WSW 3.5	WSW 9	WSW 4.5	WSW 9	SW 6.5	SSW 5.5	WbyN 7	WbyS 9	WSW 1.5	SW 6	WSW 5.5	SW 7.5
19	SSW 2.5	SW 4.5	SSW 4	SSW 3.5	SSW 5.5	SSW 5.5	SSW 3.5	SbyW 1	S 4	S 5.5	SSW 2	SSW 1.5
20	SSW 2.5	SSW 1.5	S 1.5	Calm	S 1	SW 1.5	Calm	SSW 1.5	SW 5	SSW 2	SW 6	SW 3
21	Calm	Calm	SW .5	Calm	SW 1	Calm	Calm	Calm	S .5	SSW .5	SW 2	WbyN 1
22	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SW 1	SW 1	WSW 1	SWbyW 2.5
23	Calm	WNW 1.5	NNE 1.5	Calm	Calm	Calm	Calm	Calm	WNW .5	WSW 1	WbyS 2.5	WbyS 1
24	N .5	Calm	NNW .5	NNW 2	N 1.5	Calm	Calm	SW .5	SW .5	WSW 1	WSW 1	WSW 1.5
25	NE .5	Calm	Calm	Calm	N 1.5	NNE .5	NNE .5	Calm	NW 1	WNW 1.5	W 3.5	WNW 3
26	Calm	Calm	Calm	Calm	Calm	ESE 2.5	ENE 1.5	NNE 1	Calm	NW 2	NW 1.5	WSW 3.5
27	Calm	NE .5	Calm	E .5	Calm	Calm	Calm	Calm	Calm	SW 1	WSW .5	WSW 4
28	NE .5	Calm	Calm	NNE 1.5	Calm	Calm	Calm	Calm	Calm	SW 1	SW 1	SWbyS 1
29	Calm	Calm	NNE .5	Calm	NE 1	Calm	Calm	Calm	NW 1	WSW .5	WbyN 3	WbyN 3.5
30	NE 1.5	Calm	Calm	NE 2	NE 1	NE .5	Calm	Calm	Calm	W 1	W 1.5	WSW 1
31	Calm	Calm	NE 1.5	NE 1.5	NE .5	Calm	Calm	Calm	SSW 1.5	Calm	WbyS 1.5	W 1.5
Mean	0.7	0.8	0.7	1	1.2	0.9	1	1.2	1.7	2.1	2.6	3.2

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
1	WSW 8	SW 3.5	WSW 6	WNW 5	SW 3	Calm	Calm	WSW 0.5	ENE 0.5	ENE 1	ENE 0.5	Calm	2.1
2	WSW 8	WSW 6.5	WSW 4.5	SW 9.5	WSW 6	WSW 4	WSW 2.5	SW 2	SSW 1.5	WSW 2	SW 2.5	W 1	2.6
3	Calm	WSW 3.5	WNW 2.5	Calm	Calm	Calm	Calm	SW 3.5	SW 2.5	SW 2	Calm	Calm	1.6
4	SW 3	SW 3.5	SW 3	WSW 4.5	SW 3	SSE 5.5	SSW 1	S 3.5	S 1.5	NW 2.5	NNE .5	N 2	2.1
5	Calm	W 1	WNW 2	WSW 2	W 2.5	WSW 2.5	WSW 3.5	SW 2	SW .5	Calm	Calm	Calm	1.2
6	WSW 1	SW 1	SSW 1.5	SW 1	SW 1	SW .5	SSW .5	Calm	Calm	Calm	Calm	Calm	.7
7	WSW 3.5	W 2	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.7
8	SSW 1.5	SWbyW 1	WNW 2.5	NE 2	NNE 1.5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.5
9	SW 3.5	Calm	NNW 5.5	NNE 1.5	SE 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.8
10	SW 3	WSW 5	WSW 7	WNW 3.5	W 6	NNE 3.5	NE .5	Calm	Calm	SSW 2.5	SSW 3.5	Calm	1.6
11	SW 7	WSW 9.5	WbyS 5	SW 8.5	SSW 3.5	SSW 1	SSW 2	Calm	S .5	SE 1.5	SSE 1.5	S 2.5	4.6
12	WbyS 6.5	WbyS 4	WSW 4	WSW 4	WSW 6	WSW 4	SW 2	SW 3.5	SW 1.5	SW 1.5	Calm	Calm	1.9
13	SSW 1	Calm	WSW 1	WSW 2.5	SW 4.5	SW 3	SW 3	SW 2.5	SSW 3	WSW 1	Calm	Calm	1
14	WSW 5.5	WSW 2	SW 3	SW 1	Calm	Calm	Calm	WSW 3	Calm	Calm	Calm	Calm	1.3
15	WSW 5.5	WbyS 2.5	WSW 5	SW 3	Calm	NE 1	Calm	NE 1.5	NNE 1.5	N 1	Calm	NNE .5	1.3
16	W 5	WSW 1	SWbyW 1.5	WSW 2	Calm	NNE 1	NNE 1	N 1	NNE 1	NNE 1	Calm	Calm	1.2
17	WSW 5.5	WbyN 5	WNW 9	W 6	WSW 6	WSW 8	SW 9	SWbyW 9	WSW 6.5	W 5.5	WbyS 5.5	SW 6.5	5.6
18	SSW 8.5	SSW 7.5	SSW 8	SWbyS 5	SSW 4	SW 2	SSW 3	SSW 3.5	S 5.5	S 3.5	SE 1.5	S 4.5	5.5
19	SSW 2.5	SSW 2.5	SW 4	SW 5	SSW 4.5	SSW 4	SSW 3.5	S 2.5	SSE 1.5	SSE 1.5	SSE .5	S 2.5	3.2
20	WSW 4	W 4	SW 3.5	WSW 3	WSW 4	WSW 1.5	WSW 2	SW 2	SW .5	Calm	Calm	Calm	2.1
21	WSW 1.5	W 2	W 3.5	SW 3.5	SW 6	NW 2	Calm	ESE .5	ENE 1	Calm	Calm	Calm	1.1
22	WSW 4	WbyS .5	W 2.5	W 3	WbyN 1	WSW .5	SSW 1.5	WNW 3.5	Calm	Calm	NNW 1	Calm	1
23	WSW 2.5	WSW 1.5	WSW .5	Calm	NE 1.5	Calm	NW 5	NNW 3.5	WNW 3	NW 1	NW 1	NW 1	1.2
24	WSW .5	NE 1	NE 3.5	NE 2.5	NE .5	Calm	SSE 3	SE 1	NNE 1.5	NW 2	NNW 1.5	NNE 1.5	1.1
25	WSW 6.5	SW 5	SW 4.5	SW 3	SW 3	Calm	Calm	Calm	Calm	SSE 1	E .5	E .5	1.5
26	WNW 1.5	W 4	WSW 5.5	SW 3.5	SW 4	SW 3.5	SSW 2	S 1.5	S 1.5	Calm	Calm	Calm	1.6
27	SW 3	WSW 2.5	SW 3.5	SSW 5.5	SW 3	SSW 3	SSW 2.5	SW 3.5	S 1.5	E 1	NNE .5	NNE 2.5	1.6
28	SW 2.5	WSW 1	WNW 2	WSW 2.5	E 1.5	Calm	Calm	Calm	NE 1.5	NE 1	Calm	Calm	.7
29	W 4.5	Calm	ENE .5	ENE 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NE 1	.7
30	WSW 2	W 1	W 2	W 3.5	NNE 5	Calm	Calm	Calm	ESE 1.5	ESE 1	NE 1.5	Calm	1.1
31	WSW 1	WNW 1.5	Calm	Calm	Calm	ENE 1	Calm	Calm	E 1.5	Calm	Calm	Calm	.5
Mean	3.6	2.7	3.4	3.1	2.6	1.7	1.5	1.7	1.3	1.1	0.7	0.8	1.7

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	8	5	2	2	3	7	7	6	2	6	**32.5**	24.5
2	3	2.5	4.5	3	2	3	2.5	4.5	3.5	6.5	25	26
3	15	10	6.5	10	7.5	9	4.5	5.5	12.5	10.5	10.5	**15.5**
4	5	7	2.5	3.5	3.5	4	15	9.5	14.5	11	23	19
5	7	6	5	4	1	1	0	1	2	3	5	9
6	1	4	3	3.5	3.5	2	3.5	3	4.5	9	15	12
7	2.5	3	1.5	2	2	2	3	2	3.5	5.5	15	14.5
8	.5	2	1	0	0	1	2.5	9	9.5	8.5	7.5	2.5
9	1.5	.5	.5	0	1	0	0	0	2.5	7	14	11
10	3	2	3	3	4	3	3.5	5	2.5	6	7.5	8
11	4	12	14	20	19	15	29	27	28	31	35	31
12	10.5	5.5	5	3	4.5	3.5	4.5	5	6	6.5	8	8
13	3.5	3	2.5	3	3	3	3	3	4	4	7	7.5
14	2.5	3	2	2	3	1	3	6.5	9	9.5	15	17.5
15	2.5	2	1	3	4.5	5	7.5	7.5	11	14.5	13	16
16	4.5	3	3.5	1	3.5	2.5	3	8	6.5	8.5	16.5	15
17	1	0	.5	4.5	15.5	20.5	24	20.5	27.5	17	27.5	27.5
18	27.5	27	26.5	30	33.5	27.5	25.5	20.5	18	13.5	21	27
19	11	14	16	17	24	33	16	15	15	17	17	12
20	9.5	7	10	5	5	8.5	6.5	7	16	16	26	19
21	3	5	4	3	3.5	2.5	3	4	4	4	8	8
22	2	0	.5	0	0	1.5	0	0	2	8	12	12
23	.5	4	6	2.5	2.5	1	0	0	1.5	8.5	12	11.5
24	3.5	.5	3	7.5	6	4.5	1.5	0	3	7.5	10.5	9
25	1	0	0	0	0	3	3.5	1.5	1	7	13	13.5
26	4	2.5	2.5	2	2	2.5	5	4.5	3.5	6.5	11	12
27	5	5	3	3	3	4	4	4	2	6	11	12
28	2.5	1	0	1.5	4.5	1	.5	.5	2.5	6.5	10.5	9
29	1	1	4	4.5	4.5	1	0	1	1	9	16	14
30	5	5.5	2	4.5	5	3.5	3.5	3.5	3	5.5	10	12
31	2	3.5	6.5	7	5	5	.5	1.5	3	8	10.5	9.5
Mean	4.9	4.7	4.6	5	5.8	5.8	6	6	7.2	9.3	15	14.4

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	10	8	7	8	8	8	6	3	6	9	10	6	7.4	6 15
2	8	8	7	9	4	5	9	7	8	9	10	10	7.8	4 55
3	10	10	10	10	10	10	10	10	10	10	10	10	10	0 15
4	10	10	10	10	10	10	9	10	10	10	10	10	9.9	0 00
5	10	10	9	8	8	9	8	8	4	3	6	7	7.5	3 20
6	3	3	5	4	4	4	7	7	8	9	9	9	6	9 45
7	7	7	8	8	7	8	9	10	9	9	9	10	8.4	4 40
8	8	8	6	8	9	7	8	9	9	10	10	9	8.4	4 00
9	7	8	8	8	9	8	9	9	9	10	10	10	8.8	4 10
10	8	7	7	9	9	9	9	9	9	9	9	10	8.7	1 30
11	8	10	9	10	10	10	9	10	10	10	10	10	9.7	1 35
12	6	5	5	6	7	7	9	9	9	8	8	9	7.3	9 00
13	2	8	8	9	8	9	9	9	8	8	8	10	8	1 10
14	5	2	3	3	3	3	4	5	7	9	10	9	5.2	8 15
15	6	6	9	9	7	7	4	4	4	5	7	7	6.2	9 40
16	7	7	7	5	5	4	5	8	8	7	9	9	6.8	8 25
17	10	10	10	10	10	10	8	10	10	10	10	10	9.8	0 50
18	10	10	10	10	10	10	10	10	10	10	10	10	10	0 00
19	10	10	10	10	10	10	10	10	9	10	10	10	9.9	0 10
20	10	9	9	10	9	10	9	10	10	10	10	10	9.7	0 10
21	9	8	9	9	9	8	8	8	7	6	6	10	8.1	8 05
22	5	4	5	4	3	3	5	4	4	6	7	7	4.8	10 05
23	3	3	4	4	4	4	5	3	8	8	5	7	4.8	8 10
24	2	1	2	2	3	3	5	8	9	9	9	8	5.1	6 55
25	5	5	6	5	6	6	6	7	9	10	10	10	7.1	7 15
26	7	7	8	7	7	5	5	6	7	8	8	9	7	6 35
27	6	4	5	6	6	7	3	3	5	8	8	7	5.7	8 20
28	5	2	5	4	4	6	8	8	9	10	10	9	6.7	7 15
29	5	3	4	4	5	5	5	8	8	8	9	6	5.8	6 50
30	5	1	3	4	6	6	5	5	5	6	9	7	5.2	9 40
31	6	3	3	5	6	7	8	7	9	9	9	10	6.8	6 20
Total														163 35
Mean	6.9	6.4	6.8	7	7	7	7.2	7.5	8	8.5	8.9	8.9	7.5	5 17

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon–1 p.	1–2 p.	2–3 p.	3–4 p.	4–5 p.	5–6 p.	6–7 p.	7–8 p.	8–9 p.	9–10 p.	10–11 p.	11–mdt.	Mean.
20	27.5	24.5	27	24	5	0.5	4.5	3.5	3.5	4	3	10.5
27	26.5	26.5	28	29	21	14.5	10.5	8.5	7	8.5	10	12.6
7	7	7.5	6	3	0	.5	6.5	12.5	11	4	2.5	7.7
14	17	19	18	20	18	8	11	8	7	4	6	11.1
8	6	10.5	11.5	10	13	17.5	11	5.5	3	2	1	6
11	11	8	9.5	7.5	6	6	3.5	3	2.5	3.5	3.5	5.8
13.5	13	3.5	0	.5	2	.5	1.5	.5	1.5	2	0	4
7	10	9	10	11.5	1	0	.5	.5	.5	1	2	4
15	10	11	9	10	4	3.5	1.5	1	2	1.5	2.5	4.5
13.5	18	22	22.5	17.5	12.5	6	1	0	1.5	14	12	8
26	33	29.5	26.5	21	16	16	5.5	3.5	4.5	9.5	7	19.3
19.5	20.5	20.5	18	19.5	20	14	13	10	8.5	3.5	2	10
5.5	6	7.5	10	11.5	14.5	14.5	13.5	11.5	7.5	4	4.5	6.5
15	13.5	13.5	9.5	5.5	7	5	10.5	6	2.5	3	1.5	6.9
15	15.5	17.5	15.5	9.5	5	3	3	5	3	2.5	4.5	7.8
15.5	11	12	12	9	6.5	6.5	4	3	4	2	3	6.8
25.5	30.5	23	28	25	20	19	35.5	31.5	21	25	24.5	20.6
27	15	25	22	22	22	17	11	19	15	7	19	21.6
15	19	19	20.5	20	17	19.5	11	8.5	6.5	5	6.5	15.6
17	18	18	15	14	15	13	12	7	4	3	4	11.5
6.5	9.5	12	13	20	19	2.5	2.5	3	0	0	1	5.9
12	16	12	11	8	3	9	8	11	6	2	1.5	5.7
12.5	11	9	7	6	4	9	20.5	9	8.5	5.5	4	6.5
11	8.5	13.5	12	6.5	4	10.5	7.5	5.5	7	4.5	3.5	6.3
14.5	21.5	22.5	16	18	6	4.5	3	4.5	4.5	4.5	4	7
13	14	17	18	19	18	14	10	5	3	5	4	8.2
12	14	13	18.5	16.5	15	17.5	17.5	11	5	5	7	8.9
8	10	13	6	13	5	4	5	7	10	5	0	5.2
15.5	8.5	9	7	5.5	4.5	3	4	4	3	3	5	5.4
9	10	11	11	18	7	3	5	6	5	6	6	6.7
12	11	10	10	5	6	4	1	3.5	5.5	5	4	5.8
14.3	14.9	15.1	14.5	13.7	10.2	8.6	8.2	7	5.6	5	5.1	8.8

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1		2		3						2	3	4		2	1		7	252	2.2	6.5
2			1							1	6	7	1				8	303	2.9	5.1
3										2	5	3	2	2	1		9	184.5	.3	79.8
4	1	1						1	2	3	7	2			1		6	267.5	1.3	10.2
5			4		2						2	3	3	2			8	143	3.3	
6										2	4	1	2	2			13	139	3.1	
7												1	4				19	95	1.2	57.6
8	1	2	2							1		1		1		1	15	97	1.4	37.9
9		1					1				2			3		1	16	109	1.8	3
10		1	1							2	3	2	1	1			13	191	2.9	.1
11							1	1	3	5	9	1	1				3	463	2	11.2
12						1	2	1	3		5	4	2				6	239	4	
13										3	5	4					12	157	2.5	
14											2	3	1	1	1	2	14	166.5	3.2	1
15	4	3	2								1	2	1	3	1		7	186.5	2.7	1.1
16	2	6	2									3	2	1		2	6	164	4	.4
17											2	7	8	4			3	494.5	3.2	10.7
18							1		3	8	4	6	1	1				518.5	1.2	62.7
19								3	4	14	3							374.5	2.7	3.3
20									2	4	7	5	1				5	275.5	2.6	
21				1		1			1	1	5	1	2	1	1		10	141	3.1	17
22										1	2	4	3	2		1	11	137.5	3.2	1.1
23		1	1									4	2	3	4	1	8	156	2.2	21.2
24	2	2	4				1	1			2	4			1	3	4	150.5	2	2
25	1	2	1		2			1			4	1	1	2	1		8	167	2.7	
26		1		1		1			2	1	3	2	1	1	2		9	198	3.1	.3
27		2	1		2				1	3	5	3					7	214	3.8	
28		1	3		1						4	2		1			12	126	2.5	1.3
29		1	2	2								2		2	1		14	129	2.2	.3
30		1	5			2						2	5				9	160	2.9	6.3
31			3	1	1					1		1	2	1			14	139	1.8	19.3
Total	11	27	32	8	8	5	6	8	21	54	95	85	46	36	15	11	276	6,538	78	359.4
Mean	0.4	0.9	1	0.3	0.3	0.2	0.2	0.3	0.7	1.7	3.1	2.7	1.5	1.2	0.5	0.4	8.9	210.9	2.5	11.6

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°C.		*Per cent.*	*mm.*	*mm.*		°C.		*Per cent.*	*mm.*
1	758.45	10.00p.	31.3	0.40p.	99	23.1	756.70	2.05p.	23.7	7.15a.	68	21
2	58.55	10.10p.	31.7	2.20p.	99	24.2	56.10	3.20p.	23	3.45a.	70	21
3	58.45	8.50a.	29.9	11.10a.	98	23.8	56.13	5.00p.	24.5	11.30a.	78	21.9
4	58.95	10.05p.	28.2	2.50p.	97	22.9	56	3.30p.	22.7	11.55p.	79	20
5	59	10.15p.	31.7	3.45p.	99	22.5	56.30	3.10p.	22.5	0.55a.	65	20.6
6	59.29	10.00a.	32.6	3.50p.	96	22.9	57.10	4.20p.	23.5	5.40a.	59	20.3
7	58.47	8.00a.	31.6	0.20p.	98	23.6	56	3.30p.	23.5	11.55p.	72	21.7
8	58.25	10.30p.	31.7	0.40p.	97	23.8	55.49	3.00p.	23	5.45a.	70	20.8
9	58.45	10.40p.	31.4	1.25p.	98	23.2	56.20	2.15p.	23.1	3.55a.	68	21.3
10	58.90	8.30a.	31.1	2.30p.	97	23.9	55.90	4.55p.	23.3	5.05a.	71	20.9
11	58.55	10.15p.	31	9.20a.	96	24.3	55.30	2.30a.	25.1	1.10a.	73	22.1
12	59.75	11.25p.	32.2	0.25p.	96	23.1	56.75	3.55p.	23	5.50a.	68	20.6
13	59.45	0.05a.	31.6	2.05p.	97	23.9	56.25	3.30p.	23.6	5.45a.	67	21.4
14	58.25	0.05a.	33.6	2.50p.	97.5	24.5	55.40	4.00p.	23.5	5.50a.	67	21.7
15	57.90	9.05a.	32.5	4.10p.	97	24	54.55	3.40p.	24	7.05p.	67	20.8
16	56.50	0.10a.	32.9	2.55p.	95	23.6	52.50	4.10p.	24.2	5.40a.	60	21.1
17	53.90	0.05a.	31.7	11.40a.	96	22.9	51.70	4.15p.	24.3	3.20a.	68	21.1
18	56.40	11.35p.	30.6	11.15a.	96	23.8	52.15	4.05a.	24.7	9.00p.	75	21.9
19	57.85	10.15p.	30.4	2.35p.	94	23.3	54.95	3.40a.	24.4	4.25a.	74	21.3
20	59.20	11.00p.	31.4	1.15p.	94	23.6	56.56	2.00p.	24.7	4.20a.	72	21.3
21	60.65	9.45p.	33.1	0.50p.	97	24.1	57.55	3.15p.	23.5	4.55a.	59	20.7
22	60.75	8.45p.	33.7	4.20p.	98	24.4	57.40	3.30p.	23	4.25a.	60.5	20.6
23	61.05	10.00p.	33.2	2.30p.	98	24.8	57.77	4.00p.	23.1	5.40a.	68	21
24	60.89	9.00a.	31.7	0.50p.	98	23.9	58.35	3.35p.	23.1	5.55a.	73	20.6
25	60.75	8.25a.	31.6	1.50p.	98	25.2	57.70	2.40p.	23	4.30a.	69	21
26	59.45	7.50a.	32.4	2.25p.	98	23.9	56.30	3.30p.	23.6	4.05a.	63	21.2
27	59.80	9.35p.	33	3.10p.	98	24.6	56.15	4.00p.	24.6	1.20a.	65	22.4
28	59.85	9.00a.	32.8	1.35p.	96	24.4	56.20	3.05p.	24.3	Midnight	65	21.4
29	58.60	0.05a.	32.6	1.40p.	97	23.8	55.10	3.45p.	23.6	5.10a.	69	20.9
30	57.20	10.15p.	33.1	4.20p.	97	23.6	53.60	3.30p.	22.4	5.55a.	64	18.3
31	56.60	10.50p.	32.7	1.55p.	97	24.1	53.45	3.10p.	22.6	5.55a.	66	19.7
Mean	758.71	----------	31.9	----------	97	23.8	755.73	----------	23.6	----------	68.1	21

DAILY GENERAL REMARKS.

1____●° in the morning; ● in the afternoon.
2____Somewhat gusty SWly winds in the afternoon; coloration of clouds at sunset; d at night.
3____● in the morning and afternoon: heavy thundershowers in the forenoon; intense coloration of lower clouds at sunset.
4____Some ● in the early morning and evening.
5____●° in the early morning; d° in the morning.
6____◟° NW quadrant in the evening.
7____d in the forenoon; heavy thundershowers came from E in the afternoon; ● in the evening.
8____d in the early morning and in the forenoon; thundershowers in the afternoon; ◟ NW quadrant in the evening.
9____d, ◠ early in the morning; ◸° N and SE quadrants, ●° in the afternoon.
10____Convergence of Cirrus to the ENE, d in the afternoon; ◸ SE quadrant in the evening.
11____⊕ in the morning; somewhat gusty SWly winds in the morning and afternoon; ● in the afternoon.
12____⊕ in the morning and afternoon; convergence of Cirrrus to the NNW in the afternoon.
13____⊕ in the morning.
14____◸ NE and SE quadrants in the afternoon; ◸ SE and NW quadrants, d in the evening.
15____◸² N quadrant, ◸° SE quadrant, d in the afternoon; ◟ N in the evening.
16____◸ NW and SE quadrants, ◠ in the afternoon; coloration of clouds at sunset; d in the evening.
17____Somewhat gusty WSW winds at intervals; ⊕ in the morning; ● in the afternoon.
18____Somewhat squally weather; ◸ to NE quadrant in the morning and SE quadrant in the evening.
19____● in the morning
20____Convergence of Cirrus to the NNW in the afternoon.
21____⊕ in the morning; ◸ S in the afternoon; thundershowers in the evening.
22____◸ E quadrant, ◠ in the afternoon; ◟ N quadrant, ●° in the evening.
23____◸ NE, convergence of Cirrus toward E, ● in the afternoon; thundershowers in the evening.
24____◸ NE quadrant in the afternoon; ◸ SE and SW quadrants in the evening; ● in the afternoon and at night.
25____◸° E in the afternoon; coloration of lower clouds at sunset.
26____◸ SE quadrant in the afternoon.
27____d early in the morning; ◸ NE in the afternoon; ◟ N in the evening.
28____◸ N quadrant, ⊕ in the afternoon; ●, ◟ to the NW and SW quadrants, in the evening.
29____◸ E quadrant, d in the afternoon; ◟ N in the evening.
30____⊤ N quadrant, ◠, p, in the afternoon; ◡ in the evening.
31____⊖ in the forenoon; ● in the afternoon; ◟ N in the evening.

OBSERVATIONS FOR SEPTEMBER, 1917.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1a.	2a.	3a.	4a.	5a.	6a.	7a.	8a.	9a.	10a.	11a.	Noon.
1	55.75	55.55	55.35	55.20	55.30	55.56	56.15	56.20	56.43	56.27	56.02	55.45
2	56.25	55.90	55.55	55.45	55.60	55.98	56.36	56.78	56.89	56.64	56.69	55.97
3	56.35	56	55.70	55.75	55.65	55.89	56.25	56.74	56.84	57.14	57.07	56.53
4	57.10	56.95	57.05	56.70	56.55	56.83	57.16	57.45	**57.52**	**57.52**	57.30	56.83
5	56.90	56.95	56.85	56.90	56.55	56.60	57.26	57.90	57.73	57.64	57.50	56.98
6	57.40	57.15	56.90	56.95	57.20	57.30	57.64	58.04	57.96	57.95	57.60	57.22
7	57.25	57.05	57.05	57.05	56.90	56.72	57.10	57.46	57.43	57.44	57.28	56.79
8	56.75	56.30	55.90	55.90	56.05	56.10	56.63	57.28	57.28	57.07	56.69	56.16
9	56.50	56.25	56.20	56.15	56.40	56.86	57.15	57.90	58.19	57.75	57.43	57.02
10	57.65	57.05	57	56.75	56.80	57.02	57.40	57.83	58.09	**58.12**	57.51	57.09
11	56.45	56.15	55.90	**55.55**	55.70	55.94	56.44	57.24	57.30	57.48	57.29	56.68
12	58.10	57.50	57.10	57.30	57.60	57.57	57.89	58.52	58.48	58.61	58.58	58.17
13	58.60	58.25	57.95	58.15	58.45	58.65	59.15	59.36	59.50	59.44	59.34	58.69
14	58.75	58.40	58.55	58.45	57.95	58.80	59.35	60.06	**60.09**	59.99	59.60	59.30
15	59.50	59.40	59.45	59.40	59.40	59.65	59.99	**60.29**	60.07	60.02	59.64	58.75
16	58.80	58.65	58.75	58.50	58.40	58.65	59.15	**59.71**	59.65	59.23	58.72	58.05
17	57.50	57.05	**56.95**	57	57.10	57.43	57.78	58.51	58.99	59.16	58.71	58.09
18	58.85	58.55	58.55	58.50	58.50	58.89	59.54	59.89	59.96	59.66	59.36	58.74
19	59.25	59.20	59.15	59.05	59.10	59.48	59.59	59.98	59.93	**60.02**	59.59	59
20	58.45	57.90	57.90	57.95	58.15	58.26	58.45	58.96	**59.42**	59.13	58.81	58.13
21	58.40	58.05	58.10	57.85	57.90	58.01	58.60	59.44	59.49	59.47	59.30	58.85
22	59.40	59.15	58.70	58.75	58.80	59.04	59.69	59.79	59.59	59.59	59.14	58.69
23	59	58.25	58	57.95	57.80	58.05	58.49	59.06	**59.13**	58.94	58.82	58
24	58	57.80	57.65	57.70	57.90	58.31	58.94	**59.19**	59.10	59.05	58.39	57.69
25	56.90	56.60	56.20	56.30	56.40	56.73	57.11	57.43	**57.44**	57.37	56.83	56.28
26	56.40	55.90	55.75	**55.60**	55.95	56.39	56.54	57.49	57.45	57.71	57.45	56.80
27	57.25	57.15	57.20	57.25	57.35	57.74	58.05	**58.47**	58.31	58.16	58	57.38
28	57.45	57.10	56.80	56.30	56.20	56.29	56.81	57.26	57.39	57.34	57.08	56.61
29	57.40	56.85	56.70	**56.20**	56.30	56.94	57.74	58.24	58.49	58.22	57.96	57.59
30	58.20	57.65	57.45	57.20	57.35	57.80	57.99	58.57	58.81	59.02	58.60	58.18
Mean	57.68	57.36	57.21	57.12	57.18	57.45	57.88	58.37	58.43	58.37	58.08	57.52

TEMPERATURE (°C.).

Day.	1a.	2a.	3a.	4a.	5a.	6a.	7a.	8a.	9a.	10a.	11a.	Noon.
1	24.8	24.5	24.2	23.8	23.8	**23.7**	25.9	28	30	30.2	30.4	31.8
2	24.5	24.6	24.5	24.4	24.4	24.5	25.8	28.1	**30.1**	29.5	27.8	29.2
3	24.1	24	23.7	**23.5**	**23.5**	23.8	26.6	27.4	29.6	30	30	31
4	25.7	25.7	25.1	**24.6**	24.9	**24.6**	24.8	26.5	28.2	28.5	29.6	29.9
5	26.1	25.1	25	25.1	24.6	24.7	26.2	27	28.9	28.7	28.4	28.7
6	24.4	24.2	**23.7**	**23.7**	23.8	24.5	26.4	27.6	28	28.6	28.5	29.1
7	24.6	24.6	24.5	24.3	**24**	24.1	26.1	28.2	28.8	30	30.1	30.3
8	24.9	24.8	24.7	24.6	24.7	**24.5**	26.1	28.6	30	30.2	30.5	31
9	25.4	25.8	25.3	25.2	**24.7**	25.2	25.5	26.4	26.1	26.8	28	28.9
10	25.1	24.9	24.8	24.7	**24.2**	**24.2**	25.4	28.1	29	29.3	**30.6**	29.6
11	26.8	26.4	26.7	27.2	27.2	27.2	27.2	27.6	26.4	27.5	**28**	27.9
12	**24**	24.8	25.3	25.3	24.8	24.3	24.7	25.9	27.8	28.7	28.7	**30.2**
13	24	23.7	23.7	23.4	23.3	**23**	25.7	28.1	29.3	30.2	31.4	32.2
14	25	24.9	24.9	24.6	**24.4**	24.5	25.2	26.2	26.9	26.7	27.5	28.2
15	24.4	24.2	23.8	23.5	23.3	**23**	25.3	28.1	28.8	28.9	29.3	29.9
16	24.7	24.7	24.4	24.4	24.2	**24**	25.9	27.2	27.8	28.4	28.9	29.8
17	25.4	24.6	24.3	24.3	24.3	**24.1**	24.4	26.6	26.2	25.5	25.2	25.7
18	24.3	24.1	24.1	24	**23.9**	24	24.4	25	26	28	28.9	28.8
19	24.9	24.6	24.3	24.1	24.1	23.9	25.4	27.6	27.8	28.7	**29.5**	27.7
20	23.3	23.4	**22.6**	22.8	**22.6**	22.8	24.3	26.6	27.3	27.8	28.8	29.2
21	23.7	23.6	23.6	23.3	23.1	**23**	24.6	27.5	28.3	28.5	29	**29.3**
22	24.2	24.2	24.1	24	23.8	**23.7**	24.6	27.5	29.3	**30**	28.5	29.9
23	24	24	23.8	23.6	23.3	**22.9**	25	27.6	27.4	28.5	29.4	29.8
24	25.1	24.9	24.7	25.2	24.9	**24.3**	24.5	25.5	28.1	27.9	29.4	30.2
25	24.5	24.6	24.6	24.5	24.5	24.5	25.4	27.1	28.3	28	28	**29.7**
26	23.6	**23.3**	**23.3**	23.4	**23.3**	**23.3**	24.4	26.3	27.9	28.3	29.1	30
27	24.1	23.7	23.7	**23.6**	**23.6**	23.7	24.5	25.5	28	27.5	29.1	29.7
28	25.5	24.9	24.7	25.1	25.4	25.5	27.8	27.6	28.7	28	28.4	27.1
29	24.1	23.8	23.7	**23.2**	**23.2**	23.8	24.6	25.5	25.8	27.3	28.7	27.8
30	24.4	24.3	24.2	24.1	**24**	24.2	25.6	27.7	27.9	26.4	28.3	**29.8**
Mean	24.7	24.5	24.3	24.2	**24.1**	**24.1**	25.4	27.1	28.1	28.4	28.9	**29.4**

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
54.82	54.86	54.52	**54.42**	54.73	55.47	55.62	56.15	**56.80**	56.70	56.55	56.55	**55.68**
55.11	**54.57**	54.88	54.94	55.24	56.02	56	56.60	**57.40**	57.25	57.30	56.90	56.09
55.97	55.61	55.25	**55.22**	55.47	56.07	56.53	57.05	**57.30**	**57.30**	57.25	57.25	56.34
56.12	55.58	55.33	**55.18**	55.34	56.09	56.90	57.05	57.45	57.45	57.20	57.25	56.75
56.17	56.37	55.89	**55.88**	56.29	56.33	56.89	57.20	58.10	58.25	**58.30**	57.80	57.05
56.71	56.19	**56.09**	56.23	56.54	56.94	57.35	57.50	57.95	**58.50**	58.25	57.90	57.31
56.31	55.61	**55.42**	55.49	55.69	55.89	56.59	57.10	57.40	**57.60**	57.40	57.35	56.81
55.32	55.10	**54.57**	55.02	55.19	55.89	56.33	56.45	56.95	**57.35**	57.20	56.80	56.26
56.48	55.93	55.64	**55.42**	55.98	56.45	56.80	57.35	57.75	**58.40**	58.25	58.05	56.93
56.39	55.39	**55.24**	55.32	55.37	55.78	56.53	56.90	57.25	57	57.20	56.75	56.81
56.57	56.40	55.82	55.85	56.07	56.56	57.34	**58**	58.45	**59**	58.95	58.85	56.92
57.74	57.22	**56.61**	56.78	57.44	58.11	58.29	58.70	58.95	59.20	**59.30**	58.75	58.02
57.93	57.28	57.20	**57.06**	57.37	57.94	58.12	58.40	58.95	**59.55**	59.45	58.95	58.49
58.55	58.07	**57.52**	57.62	57.78	58.01	58.64	59.15	59.65	59.85	59.95	59.55	58.90
58.36	57.51	**57.15**	57.62	57.70	57.65	58.53	59.60	59.65	59.95	59.70	59.10	**59.09**
57.42	57.07	56.73	**56.67**	56.89	56.99	57.40	57.60	58.05	57.90	58.10	57.85	58.12
57.89	57.15	57.23	57.58	57.55	57.90	58.43	58.40	59.15	59.55	**59.85**	59.25	58.09
58.22	57.65	**57.53**	57.84	58.11	58.73	58.92	59.80	60	**60.05**	60	59.70	58.98
58.44	58.02	**57.69**	58.12	57.90	58.06	58.36	59.05	59.50	59.65	59.70	59.50	59.06
57.38	57.45	57.16	**56.80**	57.27	57.51	58.03	58.05	58.85	58.85	59	58.65	58.19
58.05	57.89	**57.78**	57.87	58.18	58.60	59.09	59.50	59.80	**59.85**	59.75	59.65	58.73
58.23	**58.07**	58.14	58.29	58.37	58.52	58.80	59.35	59.80	**60.10**	60.05	59.65	59.07
57.09	56.77	**56.24**	56.72	56.85	57.21	57.70	58.30	58.25	58.35	58.50	58.35	57.99
56.77	56.11	**55.80**	55.90	56.02	56.30	56.59	57.05	57.40	57.75	57.60	57.45	57.52
55.63	55.47	**55.27**	55.35	55.62	55.74	56.19	57	57.05	57.35	57.35	56.95	56.52
56.31	55.79	55.69	55.81	56.39	56.62	57.39	57.75	58.15	**58.50**	**58.50**	58	56.85
56.46	56.17	56.17	**55.61**	55.70	56.44	57.07	57.55	58	57.90	58.10	57.90	57.31
56.07	**55.62**	55.65	55.74	56.15	56.49	57.31	57.80	**58.30**	**58.65**	58.35	58.15	56.95
56.99	56.78	56.44	56.58	57.05	57.48	57.83	58.30	59	**59.05**	58.80	58.65	57.57
57.73	57.25	57.05	**56.98**	57.07	57.79	58.55	59.05	59.30	**59.80**	**59.80**	59.65	58.20
56.91	56.50	**56.26**	56.33	56.58	56.99	57.47	57.92	58.35	**58.56**	58.52	58.24	57.55

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
31.9	27	27.8	27.9	27.8	24.5	24.9	25	25.1	25.3	25.2	24.8	26.6
29.9	29.7	26.7	26.4	25.5	24.8	24.4	24.4	24.5	24.3	24.2	**24**	26.1
31.6	30.7	31	**31.7**	30.2	29.4	29	28.6	27.9	26.2	25.6	25.5	**27.7**
30.7	30.6	30.4	30.2	28.7	26	25.6	25.7	25.9	25.9	26	26.2	27.1
29.9	28.2	27.3	28.7	26.5	25.5	25	25.3	25	24.8	**24.5**	**24.5**	26.4
29.1	29.3	**29.5**	29	27.7	27	26.9	27	26.4	25.7	25.2	25.1	26.7
29.9	28.8	**30.6**	29.8	29.1	27.8	27.4	27.2	26.4	26	25.5	25.1	27.2
31.2	30	29.3	28.7	28.3	28.2	27.2	26.2	26	25.5	25.3	25.2	27.3
29.2	28.7	28.7	28.3	28	27.7	27.6	27.5	26.7	25.3	25.5	25.7	26.8
29.1	29.4	29.1	28.8	28.2	27.9	27.8	27.7	26.9	27.6	27.3	27.3	27.4
26.1	26.4	27.4	27.4	27	25.5	26.4	25.8	25	24.4	24.6	**24.3**	26.5
30.1	28.7	29.3	28.8	28.9	27.4	27.1	25.9	25.3	24.8	24.5	24.2	26.6
31.8	**33.3**	31	28.4	27.9	26.8	26.2	25.8	25.4	25.1	25.4	25.3	27.1
27.5	**29.9**	29.3	29.7	29.3	27.5	26.9	25.3	25.3	25.1	24.6	24.5	26.4
30.4	30.7	**30.8**	29.5	28.4	27.9	25.9	25.3	25.2	25.2	25.2	25.1	26.8
29.9	29	**30.2**	27.5	27	26.4	26	25.8	25.5	25.3	25.2	25.2	26.6
25.6	**27.2**	26.9	26.6	26	25.6	25.3	25.1	25.1	25.1	25	24.5	25.4
29.2	29.5	30.1	**30.4**	29.2	28	26.9	26.2	25.7	25.4	25.6	25	26.5
27.7	29	24.8	25	24.9	24.7	24.4	24.2	24.3	24.3	24.6	**23.8**	25.6
30.1	25	25.7	26.2	26.2	25.6	25.2	24.9	24.9	24.2	23.8	23.7	**25.3**
28	27.8	29	28.5	27.3	26.2	25.6	25.4	25	24.9	24.5	24.2	26
27.7	25.8	25	25.3	25.3	24.9	24.4	24.4	24.3	24.3	24.4	24	25.6
30.2	**30.5**	30.4	29.5	28.5	27.7	27.5	27.3	27	26.9	25.7	25.5	26.9
30	30.7	**31**	28.1	27.1	27	27.1	27.1	25.7	25.2	25	24.6	26.8
29.2	28	26.1	25.5	25.6	25	25.2	24.9	24.8	24.5	24.1	**23.9**	25.9
30.3	29.3	28.2	27.7	27.6	27.1	25.1	25.1	24.8	24.6	24.5	24.3	26
30.1	28.8	27.6	27.4	27.3	26.4	25.9	25.8	25.8	25.5	25.4	25.4	26.2
29.1	**29.2**	27.1	26.4	26	25.1	**24.1**	24.9	24.7	24.5	24.9	24.7	26.2
29	28.2	26.8	26.8	26.6	26.1	26.1	26.1	26.1	25.2	24.8	24.5	25.7
27.5	27.6	27.9	28.3	27.5	26.8	26.8	26.8	26	25.4	25	24.8	26.3
29.4	28.9	28.5	28.1	27.5	26.6	26.1	25.9	25.6	25.2	25	24.8	26.5

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	93	93	94	96	94	94	88	83	71	71	71	65
2	97	97	96	96	96	96	91	77	68	71	80	76
3	96	96	97	98	98	97	85	84	75	72	73	67
4	88	87	91	92	91	94	96	88	82	78	74	72
5	88	92	92	92	94	93	88	85	76	78	78	77
6	98	97	99	99	98	95	86	81	79	78	80	77
7	95	93	94	96	97	96	86	77	76	71	70	71
8	94	95	95	95	95	96	90	81	73	71	63	65
9	95	93	93	94	97	94	94	91	91	88	81	77
10	93	93	94	94	96	95	92	80	76	71	70	75
11	82	84	82	78	79	79	81	81	89	82	81	79
12	98	93	91	92	94	96	95	88.5	81	77	78	74
13	97	98	97	98	97	96	86	80	79	76	66	60
14	94	94	93	94	96	96	95	90	87	83	77	77
15	94	93	95	97	96	97	86	77	75.5	76	73	70
16	94	94	95	95	95	96	88.5	82	82	76	77	72
17	92	95	95	95	95	97	97	88	92	95	92.5	90
18	96	96	96	96	97	96	95	92	85	77	74	75
19	94	95	96	97	97	96	91	84	82	78	76.5	86
20	94	91	97	97	98	97	93	80	81	79	71	69
21	99	98	97	97	97	98	96	84	75	77	78	75
22	96	96	96	97	97	97	95	84	73	69	78	73
23	97	97	97	97	97	97	88	78	82	79	75	72
24	94	93	95	91	93	97	97	93	80	81	76	72
25	97	97	97	97	97	97	95	90	80	83	82	73
26	98	99	99	98	97	97	95	89	81	80	78	71
27	96	98	97	98	97	97	97	94	79	83	77	74
28	90	95	97	96	95	93	84	84	78	82	78	85
29	97	98	98	99	99	97	97	96	93	85	80	84
30	97	98	97	97	98	97	92	81	79	84	80	72
Mean	94.4	94.6	95.1	95.3	95.6	95.4	91.3	84.8	80	78.4	76.3	74.2

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	21.7	21.3	21.1	20.9	20.6	20.5	21.8	23.3	22.5	22.5	22.8	22.7
2	22.3	22.2	21.9	21.7	21.7	21.9	22.4	21.8	21.6	21.7	22.2	22.8
3	21.4	21.2	21	21.1	21.1	21.2	21.9	22.9	23.2	22.7	22.9	22.3
4	21.7	21.3	21.5	21.1	21.2	21.6	22.3	22.6	23.2	22.6	22.8	22.6
5	22.1	21.9	21.7	21.7	21.6	21.5	22.2	22.5	22.5	22.9	22.4	22.5
6	22.3	21.7	21.6	21.6	21.5	21.7	22	22.3	22.1	22.7	23.2	23.1
7	21.8	21.4	21.5	21.6	21.6	21.4	21.7	21.7	22.4	22.3	22.2	22.7
8	22	22.1	21.9	21.8	21.9	21.9	22.6	23.5	23.1	22.8	20.6	21.6
9	22.9	22.8	22.2	22.4	22.3	22.4	22.8	23.3	22.9	23	22.7	22.8
10	22.1	21.8	21.9	21.8	21.5	21.3	22.1	22.6	22.5	21.5	22.7	23.2
11	21.4	21.5	21.3	21	21.2	21.2	21.8	22.3	22.7	22.4	22.7	22.2
12	21.8	21.7	21.8	21.9	21.9	21.6	21.9	22	22.4	22.5	22.7	23.7
13	21.6	21.4	21	21	20.5	19.9	21.1	22.6	23.8	24.2	22.7	21.3
14	22.1	22	21.8	21.6	21.7	21.9	22.6	22.8	22.9	21.7	21	21.7
15	21.3	20.9	20.8	20.7	20.3	20.2	20.6	21.6	22.2	22.5	22.1	21.9
16	21.8	21.8	21.6	21.6	21.3	21.2	22	21.9	22.6	21.9	22.8	22.4
17	22.1	21.8	21.4	21.4	21.4	21.5	22.1	22.7	23.2	23	22	22.1
18	21.6	21.4	21.4	21.2	21.3	21.2	21.6	21.7	21.1	21.7	21.9	22
19	22	21.8	21.6	21.5	21.5	21.1	21.9	23.2	22.8	22.7	23.4	23.7
20	20	19.5	19.8	19.9	20	20.1	21	20.7	21.7	21.8	21	20.7
21	21.6	21.3	21.1	20.7	20.5	20.5	22	23	21.5	22.2	23.1	22.7
22	21.5	21.5	21.4	21.4	21.2	21.2	21.8	22.8	22.1	21.7	22.6	23
23	21.6	21.4	21.2	21.1	20.5	20.2	20.8	21.3	22.2	22.8	22.9	22.4
24	22.3	21.8	21.9	21.6	21.8	22	22.3	22.6	22.6	22.6	23	23
25	22.3	22.2	22.2	22	22	22	22.9	23.9	22.9	23.3	22.9	22.7
26	21.3	21.1	21.1	21	20.7	20.7	21.6	22.5	22.6	22.9	23.2	22.5
27	21.4	21.4	21.2	21.3	21.1	21.2	22	22.8	22.3	22.6	23.1	22.9
28	21.8	22.2	22.4	22.7	22.9	22.6	23.2	22.9	22.7	23.1	22.4	22.7
29	21.5	21.5	21.4	20.9	20.9	21.3	22.2	23.2	22.8	22.9	23.3	23.2
30	22.1	22.2	21.8	21.7	21.8	21.7	22.4	22.3	22.2	21.5	22.9	22.4
Mean	21.8	21.6	21.5	21.4	21.3	21.3	22	22.5	22.5	22.5	22.5	22.5

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
64	89	84	83	84	99	98	98	97	96	97	97.5	87.5
73	77	86	85	90	94	97	97	95	97	97	97	88.6
64	65	64	56	63	64	67.5	73	78	88	91	90	79.2
69	68.5	68	69.5	75	85	90	90	89	88	87	86	83.2
71	79.5	82	75	91	94	97	93	95	95	97	97	87.5
76	73	75	76	81.5	82	82	80.5	86	89	92.5	93	85.6
73	77	68	69	74	79	82	82	88	91	93	93	83
63	70	74	73	77	77	84	89.5	91	92	94	94	83
76	78	78	80	82	83	81	84	87	94	93	88	87.2
78	77	76	75.5	77	77	77	79	83	79	81	79	82
89	86	82	78	83	89	86	90	94	97	97	97	85.2
74	79	74	80	79	86	85	93	94	97	97	97	87.2
69	61	69	77	85	89	90	92	93	97	93	93	84.9
80	73	74	71	75	83	85	92	93	93	95	95	86.9
71	68	67	75	77	79	83.5	92	92.5	92	92	92	84
73	80	74	84	88	91	94	93	93	94	94	94	87.4
90	81	83	84	88	89	92	93	93	93	92	94	91.5
72	70	71	71	75	82	89	91	93	94	93	95	86.3
87	78	95	92	93	95	95	96	95	95	93	91	90.7
66	90	89	89	91	94	97	98	96	97	99	99	89.7
81	82	75	77	82	86	90	91	94	93	95	96	88
81	91	96	95	96	96	99	98	97	98	97	98	91.4
70	66.5	66	71	73	79	79	80	81	82	93	92	82.9
69	69	66	78	86	86	85	86	93	97	98	98	86.4
75	79	92	96	95	96	95	95	96	96	97	97	91.4
74	81	80	83	82	84	95	94	95	95	95	96	89
70	75.5	81	84	83	90	93	93	93	94	95	93	88.8
76	74	83	89	91	98	97	97	94	94	89	92	88.8
78	82	83	83	87	86	89	88	89	96	95	97	90.7
83	82	79	79	80	83	83	83	89	93	93	95	87.2
74.5	76.7	77.8	79.3	82.8	86.5	88.7	90	91.6	93.2	93.8	93.8	86.8

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
22.6	23.5	23.2	23.2	23.2	22.7	23	23.2	22.9	23	23	22.6	22.4
22.7	24	22.3	21.7	21.8	21.9	21.9	21.9	21.7	21.8	21.7	21.6	22
22.1	21.2	21.2	19.6	20.1	19.6	20	21.1	21.8	22.2	22.1	21.8	21.5
22.5	22.3	22	22.1	22.1	21.3	22	22.1	22.2	21.8	21.7	21.8	22
22.3	22.5	22.1	21.8	23.4	22.8	22.8	22.3	22.4	22.1	22.3	22.3	22.3
22.8	22.1	22.8	22.5	22.4	21.7	21.6	21.3	22	21.9	22	22.1	22.1
23	22.6	22.1	21.6	22	21.8	22.2	21.9	22.4	22.7	22.4	22.1	22
21.3	22.1	22.5	21.3	22.1	22	22.6	22.6	22.7	22.2	22.6	22.4	22.2
22.8	22.7	22.9	22.9	23.1	22.9	22.3	22.8	22.7	22.6	22.4	21.5	22.7
23.5	23.5	22.8	22.2	22	21.4	21.4	21.6	22	21.5	21.9	21.3	22.1
22.5	22	22.2	21	21.9	21.7	22	22.3	22.1	21.9	22.4	22	21.9
23.5	23.1	22.3	23.4	23.4	23.3	22.7	23	22.6	22.5	22	21.8	22.5
24.1	23.2	23.2	22	23.8	23.3	22.8	22.7	22.5	22.9	22.5	22.3	22.4
21.8	22.7	22.3	22	22.7	22.6	22.4	21.9	22.3	22.1	21.8	21.7	22.1
22.8	22.2	22.2	22.8	22.3	21.9	22	21.9	22	21.8	21.8	21.9	21.7
22.7	23.7	23.7	22.8	23.3	23.3	23.3	22.8	22.6	22.6	22.4	22.4	22.4
22	21.8	22	21.8	21.9	21.8	21.9	22.1	22.1	22.1	21.7	21.5	22
21.8	21.6	22.4	22.8	22.6	23.1	23.4	23	22.7	22.7	22.5	22.4	22
23.9	23.1	22.1	21.7	21.8	21.9	21.6	21.5	21.4	21.4	21.4	20	22
21	21.2	21.9	22.4	23	22.9	23	22.8	22.4	21.8	21.7	21.6	21.3
22.7	22.8	22.3	22.2	22.1	21.8	22	21.9	22.1	21.8	21.7	21.5	21.9
22.3	22.4	22.5	22.7	23	22.4	22.5	22.3	22	22.2	22.1	21.8	22.1
22.4	21.5	21.4	21.7	21.1	21.6	21.6	21.5	21.5	21.6	22.7	22.2	21.6
21.8	22.7	22.1	22	22.8	22.7	22.7	22.8	22.7	23	22.9	22.6	22.4
22.6	22.3	23	23.2	23.2	22.5	22.6	22.2	22.3	21.9	21.5	21.5	22.5
23.6	24.4	22.8	22.9	22.5	22.4	22.5	22.3	22.1	21.8	21.7	21.6	22.2
22.2	22.2	22.3	22.9	22.3	23.1	23	23.1	23.1	22.8	22.9	22.5	22.3
22.8	22.3	22.3	22.7	22.7	23.1	21.7	22.6	21.8	21.5	20.9	21.2	22.4
23.3	23.2	21.8	21.6	22.6	21.7	22.2	22.1	22.2	22.8	22.1	22.3	22.2
22.6	22.5	22.2	22.5	21.8	21.8	21.8	21.6	22.1	22.3	22	22.1	22.1
22.6	22.6	22.4	22.2	22.4	22.2	22.2	22.2	22.2	22.2	22.1	21.9	22.1

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.	Cu.	Ci. ENE	Cu.	Ci. ENE	Cu.	----------	Cu. ESE	----------	Cu. ESE
2	A.-Cu.	Cu.	A.-Cu.	Cu. S	Ci.	Cu. S	A.-Cu.	Cu. S	A.-Cu.	Cu. S
3	----------	Fr.-N. SW	Ci.	Cu.	----------	Cu. SW	Ci.	Cu. SW	Ci.	Cu.
4	A.-Cu. W	S.-Cu. WSW	Ci.-S.	S.-Cu. WSW	A.-Cu. W	S.-Cu. WSW	A.-Cu. W	S.-Cu.	A.-Cu.	S.-Cu.
5	Ci.-S.	N.-cf. WSW	----------	Cu. W	----------	N.-cf. W	Ci.-S.	Cu. W	Ci.-S.	Cu.
6	A.-Cu.	Cu.-N. WNW	Ci.	Cu.-N. WNW	A.-Cu.	Cu. WNW	A.-Cu. WNW	Cu.-N. W	Ci.	Cu.-N.
7	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
8	A.-Cu. E	Cu.	Ci.-S.	Cu. SSE	Ci.-S. E	Cu. SSE	Ci.-S. E	Cu.	Ci.-S.	Cu.-N.
9	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.
10	Ci.	Cu. WbyS	A.-Cu. NNW	Cu. W	A.-Cu. N	Cu. WNW	Ci.	Cu.	Ci.	Cu.
11	----------	S.-Cu. W	----------	S.-Cu. W	----------	S.-Cu. WSW	----------	S.-Cu. WSW	----------	S.-Cu. WSW
12	Ci.-S.	S.-Cu. SSW	Ci.-S.	Cu. SW	Ci.-S.	N. WSW	Ci.-S.	Cu. WSW	Ci.-S.	Cu. WSW
13	Ci.	Cu.	----------	Cu. E, SE	----------	Cu. E	----------	Cu. E	Ci.	Cu.
14	Ci.	S.-Cu. E	Ci.	N. E	Ci.-S.	N. E	Ci.-S.	Cu. E	Ci.-S.	Cu.-N.
15	Ci.	Cu.	Ci.	Cu.	----------	Cu. E	----------	Cu.	----------	Cu.
16	Ci.-S. NE	Cu.	Ci.-S.	N.-cf. NE	Ci.-S. NE	N.-cf.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.
17	Ci.-S.	S.-Cu.	----------	N. ENE	----------	N.	----------	N.	----------	N.
18	Ci.-S.	N. ENE	Ci.-S.	N. E	Ci.-S.	Cu.	Ci.	Cu. ENE	Ci.	S.-Cu. NE
19	Ci.	Cu. SE	Ci.	Cu. SE	Ci. ENE	Cu. SE	----------	Cu. ESE	----------	Cu.-N.
20	A.-Cu. E	Cu.	A.-Cu. ENE	Cu.	A.-Cu.	Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu. ESE
21	A.-Cu. ESE	Cu. E	A.-Cu. ESE	Cu.	----------	Cu. E	Ci.-S.	Cu.	----------	Cu.-N. E
22	A.-Cu.	Cu. SE	A.-Cu.	Cu. SE	Ci.-Cu.	Cu.-N. ESE	Ci.	Cu.-N. ESE	Ci.	Cu.-N. ENE
23	Ci.-S.	Cu.	----------	Cu.	----------	Cu.	Ci.-Cu.	Cu.	Ci.-S.	Cu.
24	A.-Cu. ESE	Cu.-N.	A.-Cu. EbyS	Cu.-N.	A.-Cu.	Cu.-N.	A.-Cu.	Cu.-N.	A.-Cu.	Cu.-N.
25	Ci.-S.	Cu.	----------	Cu. SE	----------	Cu. SE	A.-Cu. NNE	Cu. SE	----------	Cu.-N.
26	Ci.	Cu.-N. SSE	Ci.-S.	Cu.-N. SbyE	Ci.-S.	Cu.-N. S	Ci.-S.	Cu.-N. SSE	Ci.-S.	Cu.-N.
27	Ci.-S. ESE	Cu. SSE	Ci. E	Cu.	----------	Cu.-N. NE	Ci.	Cu.	Ci.	Cu.
28	Ci.-Cu.	Cu. WSW	A.-Cu.	S.-Cu. WSW	A.-Cu.	Cu. WSW	A.-Cu.	Cu.-N. WSW	A.-Cu.	Cu.-N. WSW
29	----------	N.	A.-S.	Fr.-N. WSW	Ci.-S.	Fr.-N. WSW	Ci.-S.	Fr.-N WSW	----------	Fr.-N.
30	A.-Cu.	Cu. WSW	Ci.-S.	Cu. WSW	Ci.-S.	Cu.-N. WSW	A.-Cu.	Cu. WSW	A.-Cu.	Cu.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.-S.	Cu.-N. SE	----------	Cu.-N. SSW	A.-Cu.	Cu.-N.	Ci.-S.	Cu.-N. SSW	Ci.-S.	Cu.-N.
2	A.-Cu.	Cu.-N. SSW	Ci.-S.	Cu.-N. SSW	----------	N. SSW	----------	Cu.-N. SSW	----------	N.
3	A.-Cu.	Cu.	Ci.-Cu.	Cu.	A.-Cu.	Cu. WSW	A.-Cu. WSW	Cu. WSW	A.-Cu. WSW	Cu.
4	Ci.-S.	Cu.-N.	A.-Cu. W	Cu.	Ci.-S.	Cu.	A.-Cu. W	Cu.-N.	----------	S.-Cu. WSW
5	Ci.-S.	Cu.-N. W	Ci.-S.	Cu.-N. NW	Ci.-S.	Cu.-N. NNW	A.-Cu.	Cu.-N. NNW	A.-Cu.	Cu.-N. NNW
6	Ci.-S.	Cu.-N. W	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N. W	Ci.-S.	Cu.-N.
7	Ci.	Cu.-N.	Ci.-Cu.	Cu.-N.	A.-Cu. SW	Cu.-N.	A.-Cu. SW	Cu.-N.	A.-Cu. SW	Cu.-N.
8	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	----------	N.	----------	Cu.-N.	----------	N.
9	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	N.-cf. W
10	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.
11	----------	N. WSW	Ci.-S.	N. SW	Ci.-S.	N. SW	Ci.-S.	N. SW	Ci.-S.	N. SW
12	Ci.	Cu.	----------	Fr.-N. WbyS	----------	Cu.	----------	Cu.-N.	A.-Cu.	N.
13	Ci.	Cu.	Ci.	Cu.-N. E	Ci.	Cu.-N. E	Ci.	Cu.-N. E	Ci.	Cu.-N.
14	Ci.-S.	Cu.-N.	Ci.-S.	Cu. NNE	Ci.-S.	Cu. NNE	Ci.-S.	Cu. NbyE	Ci.-S.	Cu.
15	----------	Cu.	Ci.	Cu.-N.	----------	Cu.-N.	Ci.	Cu.	Ci.	Cu.-N. ENE
16	A.-Cu. EbyN	Cu.-N.	A.-Cu.	N. NNW	A.-Cu. E	Cu.-N. ENE	A.-Cu.	Cu.-N. ENE	Ci.-Cu.	Cu.-N.
17	----------	N.	Ci.-S.	N. E	Ci.-S.	N. E	Ci.-S.	N. E	Ci.-S.	N.
18	Ci.-S.	Cu. E	----------	Cu. E	----------	Cu.	----------	Cu. E	----------	Cu. E
19	Ci.	Cu.-N. E	Ci.	Cu.-N. E	Ci.	Cu.-N. E	Ci.-Cu.	Cu.-N.	Ci.-Cu.	N.
20	Ci.	Cu. ESE	----------	Cu.-N. E	----------	N.	Ci.-S.	Cu.	Ci.-S.	Cu.
21	----------	Cu. ESE	A.-Cu.	Cu.-N.	A.-Cu.	Cu.-N. ESE	A.-Cu.	S.-Cu. ESE	A.-Cu.	S.-Cu.
22	Ci.	Cu.-N.	----------	N.	----------	N.	----------	N.	----------	N.
23	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.
24	Ci.-S.	Cu.-N.	----------	Cu.-N.	----------	Cu.-N.	----------	Cu.-N.	----------	N.
25	Ci.-S.	Fr.-N. W	Ci.-S.	Cu.-N. SW	----------	Cu.-N. SW	----------	Cu.-N. SW	Ci.-S.	Cu.-N. SW
26	Ci.-S.	Cu.-N.	----------	Cu.-N.	----------	N.	----------	N. SSE	----------	S.-Cu. SE
27	Ci.	Cu.	Ci.-S.	Cu.-N. SSE	Ci.	Cu.-N. S	Ci.	Cu.-N. S	Ci.-S.	N. S
28	A.-Cu.	Cu.-N. WSW	A.-Cu. NNW	Cu. WSW	----------	N.	----------	N. W	----------	N. W
29	----------	N. WSW	----------	Cu.-N. WSW	Ci.-S.	Cu.-N. WSW	----------	Cu.-N. WSW	----------	Cu.-N. WSW
30	----------	Cu. WSW	----------	Cu. WSW	----------	Cu.	Ci.-S.	Cu.	Ci.-S.	S.-Cu.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	ENE 1	E 0.5	Calm	Calm	Calm	Calm	Calm	Calm	ESE 1	SE 1	ESE 1.5	ESE 4.5
2	Calm	Calm	ENE 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	ENE 1	Calm
3	Calm	Calm	E .5	ENE 0.5	E 0.5	Calm	ESE 1.5	SE 1.5	SE 1	SSE 2.5	ESE 1	Calm
4	SW 6	SSW 3	SSE 1	SSE 1	WSW 1	Calm	Calm	SE .5	SE 1	NE .5	Calm	Calm
5	SSW 1.5	E 1	Calm	Calm	Calm	Calm	Calm	WSW 1.5	WNW .5	W 1.5	SW 8	SW 5
6	Calm	NNW 2.5	Calm	Calm	Calm	Calm	Calm	Calm	SW 1	WSW 1.5	WSW 3.5	SW 1.5
7	Calm	S 1	Calm	Calm	Calm	Calm	Calm	Calm	S 1	S 1	WSW 1	WSW 1
8	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SE .5	SSE .5	SW .5	SW 1	SW 1
9	Calm	SE 1	NNE 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	N .5	Calm
10	NNW 1.5	N 1.5	NNE 1	Calm	Calm	Calm	Calm	Calm	Calm	WSW 3	SSW 1	SW 5.5
11	WSW 6.5	SW 9	SW 6.5	swbyw 6.5	swbyw 6.5	SW 8	swbyw 8.5	SSW 4.5	SW 5.5	SW 5.5	SW 7.5	SW 4.5
12	SSW .5	SW 3	SW 6.5	SW 5.5	SSW 3	Calm	SSE .5	SSE .5	Calm	SSE 1	SE 1	SW 2
13	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SW .5	S 1	SE 1	ESE 1
14	N 3.5	NNW 2	N 1.5	ENE 2	ESE 1.5	Calm	Calm	Calm	Calm	ESE 1	Calm	W 1
15	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SSW 1	W 1	W 1	W 2
16	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WNW 1	W 1.5	wbyN 2.5	W 2
17	Calm	Calm	Calm	ENE 1	Calm	Calm	Calm	Calm	NE .5	NE .5	N 1	N 1
18	SW .5	Calm	Calm	Calm	SW 1	Calm	NW 1	NW .5	NW 1	Calm	W 1	WNW 1.5
19	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NW	SW 1	Calm	SW 1	W 1
20	NE 1.5	ENE 2.5	ENE 1	Calm	Calm	Calm	Calm	NW .5	NW 2.5	WNW 3	WNW 1	W 3
21	Calm	Calm	Calm	Calm	Calm	Calm	Calm	E .5	E 1	NE 1	Calm	NW 1
22	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	ESE .5	ESE .5	NW 1.5	W 1
23	Calm	Calm	E 1	Calm	Calm	ENE .5	ENE 1.5	Calm	E .5	WSW 1.5	W 3	WSW 2
24	Calm	S 3.5	S 1	SSW 2	Calm	Calm	Calm	Calm	SSE 1.5	Calm	SW 1	SW 1.5
25	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	E .5	SW .5	WSW 1.5	WSW 1
26	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SE .5	Calm	Calm
27	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SW 1	WSW 1.5
28	WSW 3.5	Calm	Calm	SSW 2	SW 4.5	SW .5	Calm	SSW .5	SSW 1.5	SSW 2.5	SW 4.5	WSW 10
29	Calm	WNW .5	Calm	Calm	ESE .5	Calm	Calm	NW .5	N .5	N 1	WNW 1	NW 1
30	Calm	Calm	S 1	Calm	Calm	Calm	Calm	SSW .5	Calm	W 2	WSW 1.5	WSW 4.5
Mean	0.9	1	0.8	0.7	0.6	0.3	0.4	0.4	0.8	1.2	1.7	2

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	SSE 3	SSW 6.5	SW 6	WSW 4	SW 5	SE 0.5	Calm	Calm	Calm	ESE 0.5	Calm	Calm	1.5
2	ESE 1.5	Calm	SE 4.5	SSW 6.5	S 4	SSE 1	Calm	Calm	S 1	Calm	Calm	Calm	.9
3	SW .5	WNW .5	NW 2	SW 4	SW 6.5	SW 2	SW 2.5	SW 3.5	SW 2	Calm	Calm	Calm	1.4
4	W 1.5	WSW 2.5	WSW 3	WSW 3	WSW 3.5	SWbyW 3	SW 5.5	SW 5.5	SW 5.5	SW 4.5	SW 4.5	WSW 2.5	2.9
5	W 3.5	WSW 6	WSW 4.5	WbyS 1	Calm	ENE 2.5	Calm	S 2	S .5	SSE 1	SSW .5	Calm	1.7
6	WSW 4	SW 3	SW 4	SW 6.5	SW 8	SW 5	SW 5.5	SW 4.5	SW 2	Calm	Calm	Calm	2.2
7	SW 5.5	SW 4	WbyS 5.5	SW 4.5	WSW 5	WSW 3.5	WSW .5	SSW 1	Calm	Calm	Calm	Calm	1.4
8	W 1.5	WSW 2.5	SW 1.5	SW 1.5	SW 2	WSW 1	SSW 1	SSE 1	SSE 1	NNE .5	Calm	Calm	.7
9	W 1.5	W 2	WbyN 1	W .5	WSW 2	WSW 1	SW 3	WSW 3.5	NNW 1	Calm	NW 1	WNW 3.5	.9
10	SW 8	SW 9	SWbyW 9	SWbyW 11.5	SWbyW 11.5	SWbyW 12	SWbyW 11	WSW 6.5	SWbyW 9	SWbyW 6.5	WSW 6.5	SWbyW 6.5	5
11	SW 3	SW 8.5	SW 3	SW 3.5	SW 5	SW 4.5	SSW 4	SSW 2.5	SSW 3.5	WSW 2.5	SW 1	Calm	5
12	SW 3	W 5	SW 8.5	W 1.5	SW 2	SW 2.5	SW 1	W 1	Calm	Calm	Calm	Calm	2
13	WSW .5	SE 1	NNE .5	NNE 1	NE 1	NNE 1	NNE .5	NNE .5	Calm	Calm	NNE 1.5	N 2	.5
14	WSW 1.5	SW 1	SSW 1	WSW 1	SW 1	SW .5	Calm	ESE 1	Calm	Calm	Calm	Calm	.8
15	WNW 2.5	WNW 3.5	WSW 3	SW 2	SW .5	SW 1	SW .5	Calm	Calm	Calm	Calm	Calm	.8
16	WbyN 1.5	WbyS .5	WSW 2	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.5
17	N 1	Calm	WSW 1	WNW 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.3
18	NWbyW 6	NW 6	WNW 2.5	NW 2	NNW 2	N .5	Calm	Calm	Calm	Calm	Calm	Calm	1.1
19	Calm	SW .5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	ENE 1	NE 2.5	NNE 2.5	.4
20	WNW 2	W 1	NW 1.5	NE 1.5	NNE 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.9
21	W 1	Calm	SE 1	SE 1	SE 1	SE .5	Calm	Calm	SE .5	Calm	Calm	Calm	.4
22	NNE 1	NE 1	Calm	Calm	E 1	E .5	Calm	Calm	Calm	Calm	Calm	Calm	.3
23	WSW 1.5	WSW 3	SW 2.5	SW 2.5	WSW 3.5	SW 3	SW 3.5	WSW 3.5	W 2.5	W 2.5	Calm	Calm	1.6
24	WSW 4	SW 5	SW 5	SW 2.5	SW 1.5	SW 3	SW 3	SW 1.5	NNE 1.5	Calm	Calm	Calm	1.6
25	WSW 2.5	SW .5	SSW 1	Calm	Calm	Calm	Calm	ESE .5	Calm	ESE 1	ESE .5	Calm	.4
26	SW .5	SW 4.5	SW 1.5	SW 1.5	SW 1	SW 1	SW 1	Calm	Calm	ENE 1	Calm	Calm	.5
27	WSW 2	SW 5	SSW 3.5	SW 2.5	SSW 1.5	Calm	SSE .5	SSE 1.5	SSE .5	Calm	Calm	NW 1	.9
28	SW 5	SW 8.5	SW 10.5	SW 6	SSW 3.5	Calm	SW 6	SSW 3.5	SSW 2.5	WSW 6.5	WSW 5.5	WSW 1.5	3.7
29	WNW 2	WNW 2	SW 7	SW 4	WSW 6	WSW 2	WSW 3.5	WSW 2.5	Calm	Calm	Calm	Calm	1.4
30	WSW 15	SW 9.5	SW 6	SW 6	SW 1	SW 4	SW 3.5	SW 2.5	Calm	Calm	Calm	SSW .5	2.4
Mean	2.9	3.4	3.4	2.8	2.7	2.2	1.9	1.6	1.1	0.9	0.8	0.7	1.5

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	5	5	4.5	3.5	5	5.5	4	3.5	5	10	13	10.5
2	2.5	3	3	5	3	3	3	2	3	5	8.5	4.5
3	4.5	4	4	3.5	4	4.5	6	7.5	9.5	8	8	5
4	4	29	9	5	3	5	4	5	4	3	1.5	4.5
5	12.5	5	2.5	3	1.5	2.5	7.5	8	10	9.5	22	**26**
6	.5	6	7	2	1	5	4	2	6	8	10.5	12
7	3.5	2.5	4	4	3.5	4	2.5	4	5.5	4	8	8
8	3	4	3	1.5	3.5	2.5	4.5	5	4	6	5	10
9	3	5	6	2	3	2	0	0	3	0	1	5
10	8.5	4	4.5	2	.5	.5	0	0	2	8	15	25
11	32.5	**38**	**32**	**28.5**	**29.5**	26	27	27.5	**28.5**	24	28	22
12	4	9	**23**	**27**	15	8	3.5	3	2.5	2	4.5	7.5
13	1	.5	0	0	3	2.5	1	1.5	3	6	7	5
14	**10**	9.5	5	9.5	**6.5**	2	2	1.5	2.5	4.5	6.5	7
15	2	2.5	2.5	2	2.5	3.5	4.5	4	5	10	**15**	10
16	3	4	4	3	3	3	5.5	3.5	4	5.5	**11**	10.5
17	1	3	1	5	1.5	0	.5	0	0	2.5	1.5	4
18	1.5	2.5	1	1	2	3	3	3	3	4	8.5	11.5
19	0	0	0	0	0	1	0	0	3	7.5	11.5	**13**
20	8	11	3	2.5	.5	1	2	0	6	10	9.5	11.5
21	2	0	2	2	.5	0	.5	2.5	6.5	7	6	4
22	2.5	1.5	3	1.5	3.5	3	.5	2	3.5	5	8	**9**
23	1	2	3	3	3	3	3.5	3	2.5	7	10	10
24	1	9	8	9	5	4	**5.5**	3.5	3	4	7	11.5
25	.5	0	0	0	0	0	0	0	1.5	5.5	7	6
26	3	3	2	3	2	3	1	4	3	3	4	5
27	0	0	0	0	.5	0	0	0	0	0	8	9
28	5	6	3	7	15	12	**4**	4	6	6	30	26
29	4.5	5	4	5.5	5	2.5	1	1	3	4	11	9.5
30	2	3.5	3	2.5	3	3	2	3	2.5	10.5	12	12
Mean	4.4	5.9	4.9	4.8	4.3	3.8	**3.4**	3.5	4.7	6.3	10	10.5

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	7	6	6	7	8	8	10	10	10	10	10	10	8.5	4 20
2	9	6	7	7	9	9	9	9	10	10	10	10	8.8	4 00
3	10	10	6	8	7	6	6	8	8	7	8	9	7.8	5 25
4	10	9	10	10	10	10	10	8	8	8	10	10	9.4	1 15
5	10	9	8	8	9	8	9	10	10	10	10	10	9.2	2 35
6	7	9	8	7	7	7	7	8	7	9	9	8	7.8	4 50
7	6	4	4	6	6	6	6	7	8	8	9	9	6.6	6 30
8	8	6	9	8	8	9	9	10	10	10	10	10	8.9	5 00
9	10	10	10	10	10	10	9	10	10	10	10	10	9.9	**0 00**
10	7	9	9	9	9	9	10	10	10	10	10	10	9.3	3 20
11	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0 00**
12	10	10	10	10	9	9	8	10	8	8	8	10	9.2	2 30
13	6	5	6	5	5	5	6	8	9	8	10	7	6.7	8 05
14	9	10	10	10	10	9	9	9	9	9	9	9	9.3	1 10
15	4	3	3	4	3	3	3	6	6	8	7	7	**4.8**	**9 10**
16	8	8	9	8	8	8	9	10	10	9	9	8	8.7	2 20
17	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0 00**
18	10	10	10	9	7	8	9	9	8	8	8	9	8.8	5 10
19	10	6	6	8	7	10	10	10	10	10	10	10	8.9	2 40
20	8	9	10	10	9	10	8	10	10	10	9	9	9.3	2 10
21	8	7	8	9	10	10	10	10	9	9	9	10	9.1	0 25
22	8	9	9	8	9	9	10	10	10	10	10	10	9.3	4 25
23	3	4	4	3	4	4	4	5	6	7	8	8	5	8 55
24	9	10	8	9	7	8	6	5	5	9	10	10	8	5 05
25	10	10	9	9	8	8	9	10	10	10	10	10	9.4	1 05
26	7	7	8	8	9	9	8	9	9	10	10	10	8.7	1 15
27	10	9	8	10	7	8	7	10	10	10	8	7	8.7	3 05
28	9	10	8	9	9	10	9	8	10	10	10	10	9.3	0 15
29	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0 00**
30	9	6	8	9	9	7	10	9	9	10	10	10	8.8	**3 45**
Total														98 45
Mean	8.4	8	8	8.3	8.1	8.2	8.3	8.9	9	9.2	**9.4**	9.3	8.6	3 18

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon–1 p.	1–2 p.	2–3 p.	3–4 p.	4–5 p.	5–6 p.	6–7 p.	7–8 p.	8–9 p.	9–10 p.	10–11 p.	11–mdt.	Mean.
10	**19.5**	14	14	13	12	3.5	2	3.5	4	4	1.5	7.3
5.5	8	5	18.5	**19.5**	5.5	3	1.5	7	2.5	4	3.5	5.4
6	7	6	20	**24**	19	13	13	14	3	3	4	8.4
9	7	15	16	21	35	**38**	28	26.5	21.5	20.5	13.5	13.7
18	13	21.5	11.5	5	4	2	4.5	5.5	4	6	1.5	8.6
16.5	11	18	**34**	26	24	18.5	17.5	9	3	3	2.5	10.3
17	16	**24**	21	22	18	9	6	3	3	4	3	8.3
14	**15**	14	12	11	11	4	4	7	4	4	4	6.5
8	10	8	7	10.5	11.5	13	13	9	5	9	**21**	6.5
28.5	24.5	31	31.5	32.5	**34**	32	30	29.5	26.5	33	29.5	18
21	27	22	23	22	25	19	12	16	13	6	8	**23.2**
16	18	24	19	12.5	12.5	12.5	7	2	0	1	1	9.8
10	7.5	8	8	4.5	4	1	1	.5	0	2.5	7.5	3.5
9	9	9.5	6.5	9	5	3	6	4	3	3	3.5	5.7
13	13	**15**	**15**	12	11	6	4.5	3.5	4.5	4.5	4	7.1
9.5	8.5	7.5	5.5	.5	0	.5	0	.5	.5	.5	.5	3.9
3	5.5	3.5	7	5.5	.5	1.5	.5	2.5	.5	3.5	.5	**2.2**
18	16.5	**18**	17	12.5	6	2	0	.5	0	0	.5	5.6
3	4	10	0	.5	.5	1	1	1.5	3.5	6	12	3.3
14	**14**	5	3.5	4	.5	.5	.5	2	0	0	0	4.5
9	7	5	7	4	6	3	3.5	2.5	4	5	3	3.8
9	5.5	4.5	2	4	6	4	3	2	0	1	1	3.5
11	8	14	9	15	**17**	**17**	12	11	14	7	1	7.8
11.5	**18**	**18**	16	14.5	13	16	13	9.5	3.5	.5	.5	8.5
12	**13**	6	6	4	4	3	4	5	4	4	4	3.7
8	13	**14**	10	7.5	7.5	10.5	.5	1	2.5	0	0	4.6
12	**15**	**15**	11	11	4	3	5	4	3.5	2	5.5	4.5
26	30.5	**33**	25.5	15	2	24	18	14	12	23	13.5	15
11.5	**13**	**29**	20	18	15.5	10.5	13	8.5	2	3	1.5	8.4
19	**29**	22	16	14	13	15.5	18	6.5	2.5	3.5	4	9.2
12.6	13.5	**14.6**	13.8	12.5	10.9	9.6	8.1	7	5	5.6	5.2	7.7

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1				1	1	4	2	1		1	2	1					11	175.5	2	10.6
2				2		2	1		2	1							16	129	1.4	29.7
3				1	2	2	2	1			7			1	1		7	200.5	4.6	
4			1				2	2		1	6	7	1				4	328	2.8	2.5
5				1	1			1	2	2	2	4	2	1			8	206.5	2	**35.1**
6											10	3				1	10	247	2.8	
7									3	1	3	5	1				11	199.5	3.4	
8		1					1	3		1	6	2	1				9	156	2.9	
9	1	1					1				1	3	3	2	1	1	10	155	1.8	8.6
10	1	1								1	3	11				1	6	432.5	5.5	
11										4	14	5					1	557.5	.9	23.3
12							1	3		2	9		3				6	234.5	2.1	
13	1	6	1			1	2		1		1	1					10	85	2.8	1
14	2			1		3				1	3	2	1			1	10	137	1.9	11.4
15										1	4	1	3	2			13	169.5	3	
16												1	3	3			17	94	1.7	.3
17	3		2	1								1		1			16	54	.5	5.6
18	1										2		1	2	6	1	11	135	2.4	.4
19		1	1	1							3		1				17	79	1.3	8.6
20		1	2	2									2	3	3		11	109	1.5	24.8
21			1		2		5						1		1		14	92	2	.2
22		1	1		2	2							1		1		16	85	1.2	11.4
23				2	2						4	6	3				7	187	3.2	6
24		1						1	2	1	9	1					9	204.5	2.6	20.8
25					1	3				1	2	3					14	89.5	1	3.8
26				1			1				7						15	110.5	1.6	25.6
27								3		2	3	2			1		13	108.5	1.7	5.3
28										7	8	5					4	360.5	1.3	22.6
29	2					1					2	4		4	2		9	201.5	2	1.3
30									1	2	7	3	1				10	222	1.9	4.3
Total	11	13	9	13	11	18	18	15	11	29	118	71	28	19	16	5	315	5,545	65.8	263.2
Mean	0.4	0.4	0.3	0.4	0.4	0.6	0.6	0.5	0.4	1	3.9	2.4	0.9	0.6	0.5	**0.2**	**10.5**	184.8	2.2	8.8

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°C.		*Per cent.*	*mm.*	*mm.*		°C.		*Per cent.*	*mm.*
1	**756.90**	9.15p.	32.4	0.55p.	**99**	23.5	**754.15**	4.25p.	23.4	5.45a.	64	20.5
2	57.45	9.05p.	32.1	1.35p.	97	24	54.30	2.55p.	24	Midnight	68	**21.6**
3	57.40	10.15p.	32.8	1.25p.	98	23.2	55.15	4.05p.	23.4	3.50a.	**56**	19.6
4	57.55	9.15a.	31.6	2.20p.	**96**	23.2	55.10	4.05p.	24.4	4.30a.	68	21.1
5	58.50	10.25p.	31.2	0.50p.	97	23.4	55.75	3.05p.	24.1	5.30a.	71	21.5
6	58.55	10.10p.	30.4	0.25p.	**99**	23.2	**56**	3.25p.	23.6	2.50a.	73	21.3
7	57.85	0.05a.	31.8	0.35p.	97	23	55.35	2.40p.	23.6	5.45a.	68	21.4
8	57.40	10.30p.	32.1	0.45p.	**96**	23.5	54.57	3.00p.	24.4	5.55a.	63	20.6
9	58.45	9.50p.	29.8	1.20p.	97	23.3	55.30	4.05p.	**24.5**	5.05a.	76	21.5
10	58.12	10.00a.	31.2	11.10a.	**96**	23.5	55.15	3.05p.	23.6	5.35a.	70	21.3
11	59.30	10.25p.	28.3	10.55a.	97	**22.7**	55.50	4.15a.	24.3	Midnight	78	21
12	59.50	10.35p.	31.2	0.15p.	98	23.7	56.50	3.15p.	23.9	0.55a.	74	**21.6**
13	59.60	10.15p.	**33.3**	2.00p.	98	24.2	**57**	3.25p.	22.6	6.05a.	60	19.9
14	60.09	9.00a.	30.6	2.50p.	**96**	22.9	57.52	3.00p.	24.2	4.25a.	71	21
15	**60.29**	8.00a.	31.9	2.20p.	97	22.8	56.95	3.35p.	22.8	5.55a.	67	20.2
16	59.85	8.20a.	30.9	3.10p.	**96**	23.7	56.60	3.45p.	23.8	5.30a.	72	21.2
17	59.90	10.55p.	**27.9**	2.10p.	97	23.2	56.70	3.25a.	23.8	5.55a.	**81**	21.4
18	60.20	9.40p.	31.2	3.20p.	97	23.4	57.45	2.40p.	23.5	4.55a.	70	21.1
19	60.15	9.30a.	30.5	11.25a.	97	23.9	57.69	3.00p.	23.4	11.55p.	76.5	20
20	59.55	9.20a.	31.4	1.15p.	**99**	23	56.75	4.05p.	**22.1**	4.35a.	66	**19.5**
21	59.95	9.20p.	29.7	9.10a.	**99**	23.1	57.75	3.20p.	22.7	5.40a.	75	20.5
22	60.15	10.05p.	31.3	0.25p.	**99**	23	**57.95**	2.30p.	23.4	5.55a.	69	21.2
23	59.60	0.05a.	31.3	2.55p.	97	22.9	56.20	2.40p.	22.9	6.00a.	66	20.2
24	59.25	8.30a.	31.4	3.05p.	98	23	55.75	4.15p.	23.7	6.20a.	66	**21.6**
25	57.44	9.00a.	30.4	0.50p.	97	23.9	55.15	2.45p.	23.5	11.55p.	73	21.5
26	58.55	9.45p.	31	0.50p.	**99**	**24.4**	55.55	4.15a.	23	2.45a.	71	20.7
27	58.50	8.30a.	31	0.35p.	98	23.1	55.55	4.20p.	23.3	5.25a.	70	21.1
28	58.65	10.00p.	30.3	10.45a.	98	23.2	55.55	3.45p.	24	6.55p.	74	20.9
29	59.25	9.30p.	29.9	1.10p.	**99**	23.3	56.10	4.15a.	23.1	4.30a.	78	20.9
30	59.90	11.20p.	30.9	0.55p.	98	22.9	56.75	4.25p.	23.8	4.45a.	72	21.5
Mean	758.93		31		97.5	23.3	756.06		23.6		70.2	20.9

DAILY GENERAL REMARKS.

1. Convergence of Ci. toward ENE in the morning; d, ◹ NNW and SE in the afternoon; ● in the evening.
2. ● in the forenoon and at night; ●² in the afternoon.
3. Convergence of Ci. toward N in the morning.
4. ⊕°, ●° in the morning; ⊤ E, gusty SWly winds in the evening; d at night.
5. d, ◹ NE quadrant in the afternoon; ●² at night.
6. ● early in the morning; ◠ in the morning.
7. ◹ SE quadrant in the afternoon.
8. ⊕° in the morning.
9. ◹° SE quadrant in the afternoon; ● at night.
10. ⊕° in the morning; ⊕ in the afternoon; gusty SWly winds at intervals in the afternoon and at night.
11. Somewhat gusty SWly winds at intervals with ● in the afternoon and at night.
12. ●° in the early morning.
13. Convergence of Ci. toward SE in the forenoon; ◹ N and SW quadrants in the afternoon; coloration of clouds at sunset.
14. d² early in the morning; ⊕ in the afternoon; ● in the evening.
15. ◹ NE quadrant, d° in the afternoon; ◟ NW and SE quadrants in the evening.
16. ⊕ noon; d, ◹ NE quadrant in the afternoon.
17. d, ● in the morning:
18. ⊕ in the morning; ◟ E in the evening.
19. ●° in the morning; ◹ NE quadrant, ● in the afternoon; ◟ NW quadrant in the evening.
20. Heavy thundershowers, came from E, in the afternoon.
21. d in the afternoon and at night; ◟° SW quadrant in the evening.
22. ● in the afternoon and at night.
23. d° in the early morning; ◠ in the morning.
24. ◠ in the morning; ◹ SE quadrant at noon; ● in the morning and at night.
25. ◹ SE and NW quadrants, d, ● in the afternoon.
26. ⊕ in the morning; ⊤° E in the afternoon; heavy thundershowers in the evening, came from NE.
27. ◹ E and S quadrants, d in the afternoon; ω in the evening.
28. ● in the early morning and evening; ⊕°, ◹° in the morning; gusty SWly winds in the afternoon.
29. d² in the morning.
30. ●° in the morning; gusty SWly winds in the afternoon; ● at night.

OBSERVATIONS FOR OCTOBER, 1917.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	59.10	58.70	58.70	58.75	58.95	58.99	59.17	60.01	**60.64**	60.44	60.16	59.34
2	58.70	58	58	58.15	58.30	58.67	59.04	59.27	59.46	**59.55**	59.18	58.49
3	58.60	58	58.40	58.15	58.30	58.37	58.54	59.01	**59.06**	58.80	58.49	57.78
4	**58.45**	57.80	57.50	57.35	57.40	57.75	58	58.31	58.18	58.15	57.55	56.55
5	56.60	55.90	55.65	55.65	55.70	56.21	56.33	**57.07**	56.89	56.84	56.39	55.64
6	53.95	53.60	53.60	53.45	53.50	53.84	54.28	**54.50**	54.35	54.34	53.65	52.91
7	51.85	51.70	51.35	51.35	51.60	52.08	52.75	53.27	53.38	53.48	52.87	52.04
8	52.65	**52.55**	52.60	52.90	52.70	53.30	53.76	54.86	54.96	54.96	54.45	53.98
9	56.15	56.10	56.05	**56**	56.20	56.72	57.17	57.62	58.10	58.21	57.95	57.54
10	57.65	56.95	57	56.80	56.90	57.28	58.01	58.49	58.84	58.75	58.24	57.43
11	58.10	57.85	57.70	57.85	58	58.41	58.76	58.94	59.49	59.31	58.73	**58.15**
12	59	58.55	58.40	58.20	58.35	58.67	59.12	59.76	59.92	60.02	59.61	59.04
13	59.70	59.60	59.55	59.35	59.45	59.66	60	60.06	60.39	60.30	59.87	59.15
14	59.75	59.40	59.10	59.05	59.25	59.54	59.99	60.38	**60.64**	60.39	59.84	59
15	59.35	58.80	58.65	58.30	58.50	58.66	58.91	59.31	**59.68**	59.63	59.34	58.49
16	58.85	58.25	58.05	57.95	58.15	58.48	58.92	59.52	**59.76**	59.55	58.82	58.23
17	57.90	57.15	56.85	56.90	56.80	56.97	57.34	57.46	57.93	57.79	57.39	56.47
18	57.30	57.05	56.75	56.45	56.70	57.07	57.29	57.79	58.22	**58.25**	57.73	57.03
19	57.75	57.35	56.95	56.95	57.30	57.26	57.80	58.19	58.41	**58.59**	57.99	57.39
20	57.95	57.60	57.50	57.70	57.65	58.08	58.22	58.44	**58.76**	58.40	58.09	57.34
21	57.75	57.25	56.90	57.05	57.20	57.67	58.02	58.80	**59.11**	58.68	58.20	57.47
22	58.30	57.70	57.40	57.10	57.35	57.86	58.46	58.65	58.78	58.68	58.44	57.99
23	58.25	57.85	57.20	57.30	57.50	58.20	58.75	59.01	**59.34**	59.29	58.93	58.19
24	58.30	58.25	57.70	57.70	57.95	58.47	58.91	59.09	**59.26**	59.18	58.40	57.83
25	57.60	57.45	57.55	57.45	57.85	58.20	58.85	58.85	**58.94**	58.79	57.97	57.24
26	57.55	57.20	56.90	57.15	57.30	57.67	57.82	58.40	**58.45**	58.09	57.89	57.40
27	56.55	56.55	56.35	55.95	56.20	56.76	57.29	57.85	**58.34**	**58.34**	57.74	57.09
28	56.85	**56.60**	**56.60**	56.85	57.65	58.47	58.94	58.97	59.17	59.02	58.62	57.97
29	59.05	58.75	58.55	58.50	58.75	59.16	59.65	60.16	**60.37**	60.27	59.77	59.14
30	59	58.70	58.45	58.25	58.45	58.60	59	59.35	**59.58**	59.33	59	58.58
31	58.25	57.95	57.50	57.45	57.55	58.07	58.56	**58.99**	58.94	58.79	58.57	58.02
Mean	57.64	57.26	57.08	57.03	57.21	57.59	57.99	58.40	**58.62**	58.52	58.06	57.38

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24.5	23.9	23.7	**23.6**	23.7	**23.6**	25.3	27.4	24.3	26.3	27.5	28.5
2	24.4	24.1	23.9	23.8	23.8	**23.4**	24.8	25.5	26.7	28.9	30	30
3	24.3	24.2	24.2	24.1	24.2	**24**	24.6	26.4	28.5	28.1	**29.7**	29.6
4	24.6	24.8	24.5	24.1	23.8	**23.6**	24.4	26.8	28.7	28.5	29.8	29.9
5	24.1	24	23.9	23.9	**23.8**	23.9	24.1	25	25.9	26.4	27.5	28
6	**23.9**	24	24.3	24.5	24.4	24.2	24.6	26	26.9	28.3	28.4	28.7
7	24.9	24.9	24.9	**24.8**	25	**24.8**	25.3	27.1	28.8	29.7	**31.1**	29.8
8	25.6	25.5	25.3	25.3	25.2	25.6	26.1	25.2	25.8	27.1	**29.6**	27.8
9	23.8	23.4	23.4	23.3	**23.2**	**23.2**	23.4	24.5	25.2	24.1	25.6	25.7
10	24.2	23.7	23.7	**23.5**	23.7	23.8	25.4	27.2	27.7	27.8	28.7	29.4
11	24.1	24	24.1	24.1	24	**23.8**	24.4	25.7	27.2	27.6	28.9	29.1
12	25.3	25.1	24.8	24.6	**24.4**	**24.4**	25.1	28.2	30.2	30.2	**30.3**	29.5
13	24.4	23.9	23.5	23.2	23.2	**23**	24.4	28.3	28	28.6	29.7	**30.2**
14	23.7	23.5	23.4	**23.3**	**23.3**	23.4	24.2	27.4	27.5	28.5	29	**30.4**
15	24	23.7	23.5	23.6	23.4	**23.3**	24.1	27	28.8	28.4	30	30.1
16	24.5	24.3	24.1	23.8	**23.7**	23.8	24.6	25.5	29.1	28	29.9	29.1
17	24.6	24.1	23.5	23.5	**23.1**	23.6	25.1	27.2	29.4	29.2	30.2	**30.6**
18	23.5	23.5	23.4	23.3	**23.1**	23.2	24.4	25.9	27.2	28.4	30	**30.5**
19	23.8	23.8	23.7	23.3	23.2	**23**	24.8	27.2	**29.4**	28.2	28.2	28.5
20	23.6	23.3	23.2	22.9	22.8	**22.5**	24.6	27.1	29	29.4	30	30.2
21	24.5	24.3	24.2	23.8	23.6	**23.5**	24.8	27.8	28.7	29.2	29.5	29.6
22	24.4	24.5	24.3	24.2	24.1	**23.9**	24.6	26.7	27.1	28	27.7	27.4
23	24.9	24.8	24.6	24.5	**24.4**	24.5	25	26.2	28.7	**28.8**	26.1	28.3
24	24.9	24.6	24.4	24.2	24.1	**24**	**24**	25.8	28.9	28.6	28.5	29.2
25	24.3	24.1	23.7	23.6	23.5	**23.4**	23.8	27	29.1	30.3	31.4	31.5
26	23.8	23.4	23.1	**22.8**	**22.8**	23	24.3	27.6	29.4	29.8	**30.8**	30
27	24	23.7	23.4	23.3	23.1	**23**	24.6	28	29.1	28.6	29.1	**30.8**
28	24	23.6	23.2	22.9	22.9	**22.7**	23.9	28.2	29.2	30.4	31.2	31.8
29	24.2	23.8	23.3	23	22.7	**22.4**	24.2	27.6	28.8	29.3	30.1	30.5
30	**24**	**23.6**	23.9	**24**	24	**23.6**	25.2	27.8	29.6	30.3	29.7	30.2
31	24	24.1	23.5	23.1	23.1	**23**	24.6	27.5	29.4	30.2	30.8	30.4
Mean	24.3	24.1	23.9	23.7	23.7	**23.6**	24.6	26.8	28.1	28.6	29.3	29.5

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
58.28	57.45	57.07	**56.86**	57.26	57.74	58.18	58.80	59.40	59.25	59.10	58.55	58.79
57.42	56.82	**56.39**	56.48	57.27	57.50	57.87	58.70	59.20	59.20	59.40	59.05	58.34
57.62	56.68	**56.23**	56.35	56.84	57	57.77	58.10	58.95	59.05	58.80	58.60	58.06
56.02	**55.96**	56.21	56.20	56.15	56.80	57.26	57.55	57.70	57.75	57.70	57.20	57.31
55.05	54.41	53.81	**53.71**	54	54.31	55.01	55.50	55.65	56	55.65	54.60	55.52
52.08	51.32	**51.08**	51.18	51.49	52.14	52.76	53	53.45	53.25	53.25	52.90	53.08
51.43	51.15	**50.73**	51.21	51.33	52.02	52.75	53.15	53.95	**54.15**	53.70	52.75	**52.34**
53.39	52.88	53.19	**53.81**	54.48	54.90	55.56	56.20	56.45	56.25	**56.55**	**56.55**	54.33
56.66	56.09	56.27	56.05	56.56	57.09	57.51	57.90	58.20	**58.35**	58.30	58.10	57.12
56.68	56.35	**56.07**	56.70	57.19	57.56	57.59	58.30	58.65	58.70	**58.85**	58.70	57.65
57.45	57.12	**57.09**	57.25	57.53	58.13	58.45	59.10	**59.85**	59.80	59.75	59.20	58.42
58.52	58.14	**57.52**	57.61	58.24	58.83	59.24	59.85	60.30	60.35	**60.40**	60.15	59.07
58.34	58.34	**57.89**	58.24	58.62	59.22	59.85	59.95	**60.50**	60.45	60.40	60.35	**59.55**
58.02	**57.57**	57.66	57.68	57.64	58.27	59.10	59.75	59.80	60.20	60.30	59.90	59.26
57.68	57.17	**56.86**	57.07	57.73	57.87	58.54	58.85	59.35	59.30	59.25	59.10	58.60
57.43	56.67	**56.24**	56.52	56.73	57.15	57.47	58.05	58.35	58.85	58.70	58.60	58.14
55.98	**55.61**	55.67	55.90	56	56.50	57.13	57.85	58	**58.20**	57.85	57.50	57.05
56.56	56.87	56.69	**56.44**	56.71	57.05	57.26	57.90	58.20	58.15	58.10	57.95	57.31
56.69	**56.19**	56.20	56.25	56.65	57.05	57.61	58.20	58.25	58.20	58.15	58.05	57.48
56.84	56.35	**55.57**	55.69	56.39	56.62	57.13	57.55	57.95	58.15	58.30	57.95	57.51
56.47	**56.04**	56.11	56.47	56.75	56.99	57.60	58.65	59.10	58.95	59	58.30	57.69
57.29	56.55	**56.42**	**56.42**	56.82	57.82	58.03	58.35	59.15	59.25	**59.45**	59.05	57.97
57.64	57.30	**57.14**	57.52	57.84	57.94	58.29	58.55	58.80	58.85	58.85	58.65	58.22
57.28	56.81	**56.62**	56.85	57.12	57.58	58	58.60	58.75	58.65	58.40	57.90	58.07
56.57	56.02	**55.50**	55.82	56.46	57.13	57.77	58.20	58.35	58.60	58.50	58.15	57.66
56.47	55.71	**55.46**	55.74	56.17	56.62	57.15	57.70	57.55	57.60	57.50	57.10	57.19
56.41	55.74	**55.59**	55.82	56.12	56.35	56.62	57.40	57.60	57.60	57.40	56.85	56.85
57.30	56.76	56.66	56.96	57.15	57.68	58.15	58.85	59.10	59.55	**59.70**	59.45	58.04
58.56	**57.76**	58.18	57.87	58.32	58.57	59.09	59.35	59.85	60.05	59.70	59.20	59.11
57.99	57.42	**57.27**	57.29	57.94	58.10	58.54	59.05	59.10	59.30	59.10	58.80	58.59
57.34	56.66	**56.42**	56.49	57.01	57.13	57.52	58.15	58.50	58.70	58.50	58.30	57.89
56.69	56.19	**55.99**	56.14	56.53	56.96	57.45	57.97	58.32	58.41	58.34	57.98	57.49

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
29.3	**29.8**	28.3	28	28	26.9	26.6	25.9	25.5	24.9	24.9	24.5	26
30.5	30.5	**30.9**	30.8	26.7	24.7	24.4	24.6	24.7	24.3	24.3	24.2	26.2
27.7	25	25.9	26.5	26.5	25.8	25.6	25.4	25.2	25.7	24.9	24.8	25.9
30.3	29.3	28.3	24.8	24.7	24.4	24.4	24.5	24.4	24.4	24.3	24.4	25.9
28.7	28.2	28.5	27.6	26.6	25	24.7	24.5	24.2	24	23.9	23.9	25.4
29.7	29.7	**30.2**	27.3	27	25	25	25.1	24.9	24.9	25.1	25.1	26.1
30.4	30.8	30.5	29.6	28.5	27.8	27.5	27.2	27.3	25.7	26	26.2	**27.4**
26.8	27	26	24.6	24.9	24.6	24.3	24.1	23.7	23.6	**23.5**	23.6	25.4
26.2	**27**	26.4	26.7	25.8	24.8	24.5	24.7	24.4	24.3	24.5	24.2	**24.7**
30.6	28.2	27.5	26.4	25.9	24.7	24.6	24	24.2	24.2	24.3	24.3	25.7
29.8	**30.2**	29.4	29.2	28.1	26.9	26.8	26.2	26.1	25.7	25.5	25.2	26.5
28.7	26.3	28.6	29	28.3	26.5	25.8	25.8	25.5	25.3	25.3	24.5	26.7
30.2	25.2	26	26.9	25.1	25	24.9	24.4	24.4	24.3	24.3	24.2	25.6
30.3	29.6	26	26.5	26.2	25.7	25.5	25.1	24	24.1	24.2	24.1	25.8
30.8	28.6	27.6	29	27	26.3	26	25.6	25.5	25	24.8	24.6	26.3
29.2	**30.1**	29.5	28.7	27.9	26.8	26.4	26.1	25.6	25.4	24.9	24.8	26.5
30.1	28.6	25.6	26.3	26	25.4	25.1	24.8	24.5	24.1	23.8	23.6	25.9
30.1	25	24.2	24	24.1	24.2	24.2	24.1	24	23.8	23.8	23.8	25.1
29.3	27.8	27	26.7	25.9	25.2	24.9	24.5	24.2	24.1	24.1	23.9	25.6
30.7	28.5	29.8	**30.7**	29	24.1	24.1	24.3	24.3	24.6	24.8	24.5	26.2
30.1	**30.7**	29.8	27.3	25.9	25.5	25.6	25.7	25.5	24.8	24.9	24.3	26.4
29.1	29.7	29.6	**30**	28.6	26.5	25.6	25.2	25.2	25	25	25.2	26.3
28.4	26.1	25.9	26.2	26.2	25.6	25.3	25	24.8	24.9	24.9	25	25.8
30.6	30	27.2	27.1	27.2	26.3	25.8	25.5	25.3	25	24.7	24.5	26.3
32	**32.1**	32	31.2	29.2	27.3	26.5	26	25.5	25.3	24.8	24.2	27.2
30.5	30.5	29.2	27.7	27.2	26.2	25.8	25.5	25.4	25	25	24.5	26.4
27.7	30.6	28.7	28.2	27.4	26.4	26.3	25.8	25.6	25.3	24.9	24.6	26.3
31.9	31	30.6	31.3	28.5	26.9	26	25.8	25.1	24.7	24.7	24.4	26.9
30.9	**31.5**	26.5	25.6	26.2	25.6	25.1	25	24.6	24.5	24.7	24.3	26
32.2	31.8	29.6	28.3	27	26	25.6	25.1	24.6	24.8	24.5	24.2	26.6
31.7	**32.5**	31.3	30.8	28.8	26.7	26.1	25.6	24.8	24.2	24.1	24	26.8
29.8	29.1	28.3	27.8	26.9	25.8	25.5	25.2	24.9	24.7	24.6	24.4	26.1

RELATIVE HUMIDITY (%).

Day.	1a.	2a.	3a.	4a.	5a.	6a.	7a.	8a.	9a.	10a.	11a.	Noon.
1	94	97	97	97	96	97	88	81	**98**	90	83	80
2	95	96	96	95	95	97	92	92	88	78	76	73
3	**97**	**97**	**97**	**97**	**97**	**97**	**97**	89	78	81	**75**	**75**
4	93	94	95	95	**97**	**97**	96	86	76	77	76	76
5	94	93	93	93	93	92	92	90	86	85	83	78
6	98	97	96	95	95	97	97	91	86	80	78	78
7	**98**	**98**	**98**	**98**	**98**	**98**	**98**	93	83	82	77	83
8	96	96	**98**	**98**	**98**	96	92	**98**	96	89	**79**	87
9	96	97	97	97	**98**	**98**	**98**	93	89	95	91	91
10	97	98	98	98	97	97	92	85	84	83	78	74.5
11	**97**	**97**	**97**	96	**97**	**97**	95	91	84	84	78	76
12	93	93	95	95	**96**	95	93	81	**70**	72	**70**	**74**
13	93	97	97	**98**	96	97	91	75	78	77	73	**69**
14	97	97	97	97	97	97	93	78	81	77.5	79	**72**
15	97	**99**	**99**	98	**99**	98	98	84	76	79	76	75
16	94	95	95	**97**	**97**	**97**	92	88	75	80	77	77
17	92	92	94	92	96	92	88	76	70	75	71	**68.5**
18	97	97	97	97	**98**	97	95	87	81	77	71	67
19	**97**	96	96	**97**	**97**	**97**	89	79	**72**	80	77	77
20	96	96	95	95	94	96	87	78	**74**	75	70	68
21	95	97	96	97	**98**	97	92	74	74	74	72	71
22	96	96	97	**98**	97	**98**	96	86	85	82	82	84
23	97	96	97	97	**98**	97	97	**90**	**78**	**78**	92	82
24	96	97	97	97	97	**98**	**98**	90	76	80	82	78
25	**95**	**95**	94	94	93	93	93	83	74	68	66	**65**
26	95	94	96	**98**	97	97	91	76	70	70	67	71
27	95	94	95	96	**97**	96	90	77	72	76	75	67
28	95	95	96	**97**	96	**97**	94	77	73	68	64	61
29	93	95	94	94	94	95	88	75	71	71	71	66.5
30	98	**99**	97	97	97	97	90	79	70	68	**73**	70
31	94	92	96	**97**	96	**97**	89	76	70	69	64	71
Mean	95.5	95.9	96.2	96.4	**96.5**	**96.5**	92.9	83.8	78.6	78.1	75.7	74.4

VAPOR PRESSURE (mm).

Day.	1a.	2a.	3a.	4a.	5a.	6a.	7a.	8a.	9a.	10a.	11a.	Noon.
1	21.5	21.5	21	20.9	**20.8**	20.9	21.2	21.8	22.2	22.8	22.6	23
2	21.6	21.4	21.1	20.8	20.8	**20.6**	21.3	22.2	22.9	22.9	**23.9**	22.9
3	21.8	21.8	21.8	21.7	21.8	**21.6**	22.2	22.7	22.6	22.9	23.1	22.9
4	21.4	21.9	21.7	21.1	21.2	21.1	21.7	22.4	22.2	22.2	23.6	**23.8**
5	21	20.7	20.5	20.5	20.4	**20.3**	20.6	21.2	21.4	21.7	22.6	21.9
6	**21.6**	**21.6**	**21.6**	21.7	**21.6**	21.8	22.4	22.7	22.5	22.9	22.4	22.9
7	23	23	23	**22.9**	**22.9**	**22.9**	23.5	24.7	24.5	25.3	**25.9**	25.8
8	23.3	23.2	23.4	23.4	23.2	23.3	23	23.2	23.6	23.6	24.2	24
9	20.9	**20.6**	20.8	20.7	20.8	20.8	21	21.3	21.2	21.1	22.1	**22.3**
10	21.7	21.4	21.4	**21.1**	21.2	21.3	22.1	22.8	23.1	23.1	22.7	22.6
11	21.7	21.6	21.7	21.4	21.4	**21.3**	21.6	22.3	22.6	22.9	22.9	22.8
12	22.2	22.1	22.1	21.8	21.7	21.6	22.1	23	22.4	23	22.5	22.6
13	21.2	21.3	20.7	20.8	**20.2**	**20.2**	20.8	21.5	21.9	22.3	22.7	22
14	21.2	20.7	20.6	20.7	**20.5**	20.6	20.9	21.3	22.2	22.4	23.6	23.1
15	21.6	21.6	21.3	21.3	21.2	**20.9**	21.9	22.3	22.4	22.7	**23.9**	23.7
16	21.5	21.4	21.1	21.2	**21**	21.2	21.1	21.3	22.4	22.5	24	23.1
17	21.2	20.6	20.2	**19.8**	20.1	19.9	20.7	20.4	21.4	**22.6**	22.5	22.3
18	21	21	20.8	20.7	**20.6**	**20.6**	21.6	21.6	21.6	**22.3**	**22.3**	21.8
19	21.2	20.9	20.8	20.7	20.6	**20.2**	20.7	21.2	22.1	22.8	22	22.2
20	20.7	20.3	20	19.6	**19.3**	19.4	20.1	20.7	22	**22.9**	22.1	21.7
21	21.7	21.8	21.5	21.3	21.3	21	21.3	**20.6**	21.7	22.2	22	21.9
22	21.7	21.9	22	22.1	21.7	**21.6**	22	22.5	22.7	23.1	22.7	22.9
23	22.6	22.3	22.4	22.3	22.3	22.3	22.8	22.8	22.9	23	23	**23.6**
24	22.4	22.2	21.9	**21.7**	**21.7**	21.8	21.8	22.3	22.5	23.1	23.6	23.4
25	21.4	21.1	20.5	20.3	20	**19.9**	20.4	21.9	22	21.9	**22.5**	22.4
26	20.8	**20.1**	**20.1**	20.3	**20.1**	20.2	20.5	20.9	21.4	21.8	22	22.3
27	21	20.5	20.3	20.3	20.3	**19.9**	20.7	21.7	21.6	22.1	22.4	22
28	21	20.5	20.2	20.2	**19.8**	**19.8**	20.7	21.7	21.9	21.8	21.8	21.4
29	20.9	20.8	20	19.6	19.2	**19.1**	19.8	20.5	21	21.5	22.6	21.5
30	21.8	21.4	21.3	21.4	21.4	21.1	**21.4**	21.8	21.5	21.7	**22.7**	22.4
31	20.8	20.6	20.6	20.3	20.1	20.2	20.4	20.8	21.2	22	21.2	**22.8**
Mean	21.5	21.3	21.2	21.1	**20.9**	**20.9**	21.4	21.9	22.2	22.6	**22.8**	22.7

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
76	74	80	77	79	82	84	88	91	94	94	95	88
70	72	69	67	84	97	96	96	95	97	97	98	88
79	92	93.5	92	90	93	94	95	95	89	93	95	90.7
73	76	76	95	94	94	96	96	95	94	94	92	88.9
72	75	74	83	90	98	99	97	98	99	99	98	89.8
74	78	76	90.5	91	98	98	99	98	98	98	98	91
78	76	76	83	85	89	89	90	88	98	95	93	89.3
92	92	93	94	91	92	90	91	93	97	97	97	93.4
86	84	85	83	90	96	96	95	96	97	96	97	93.4
69	77	81	88	94	97	98	99	98	98	99	99	90.8
74	73	78	81	88	94	94	97	94	95	94	95	89.4
78	88	78	78	82	91	93	93	94	95	90	93	86.7
71	92	92	86	92	94	92	95	93	95	95	94	88.8
73	77	92	93	96	97	97	97	99	98	98	98	90.7
70	78	83	78	83	87	90	92	92	92	92	93	87.8
74	72	76	83	88	93	93	94	94	95	94	94	88.1
71	74	85	86	89	90	90	93	95	95	97	96	86.1
66	92	95	93	95	95	95	96	97	97	97	97	90.7
73	82	85	89	88.5	91	91	93	94	95	95	95	88.6
66	71	69	67	74	94	97	96	97	97	95	95	85.1
69	65	74	87	91	94	94	94	94	96	92	97	86.8
78	77	75	74	80	90	94	97	97	98	98	95	89.6
81	87	90	92	89	93	95	96	97	96	96	96	92
72	75	88	90	89	92	93	93	93	94	94	95	89.8
63	63	59.5	64	74	84	86	89	89	91	92	95	81.8
67	66.5	75	80	87	89.5	91	92	91	92	91	93	84.9
79	66	74	80	85	90	90	93	90	93	94	93	85.7
59	62	71	68	80	86	89	89	93	94	93	95	83
65	63	87	92	94	97	97	97	98	98	97	98	87.1
59	62	72	73	79	85	87	88	92	90	91.5	94	83.6
61	55	60	62	67	80	80	82	87	91	91	90	79.9
72.2	75.4	79.4	82.2	86.4	91.7	92.5	93.6	94.1	95.1	94.8	95.3	88

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
22.9	23.1	22.7	21.7	22.1	21.6	21.8	21.8	22	22	22	21.7	21.9
22.6	23.2	23	22	21.9	22.3	21.7	22	21.9	22	22	22.1	22
21.9	21.7	23.2	23.6	23.2	23.1	22.9	22.9	22.6	21.9	21.8	22.1	22.4
23.3	22.9	21.7	22.1	21.8	21.3	21.7	21.9	21.6	21.3	21.2	21	21.9
21	21.3	21.4	22.8	23.4	23.2	22.9	22.3	22.1	22	21.9	21.6	21.6
22.9	24.1	24.2	24.3	24.1	23.2	23.2	23.5	23	22.8	23.1	23.1	22.8
25.3	25.2	24.8	25.5	24.5	24.7	24.2	24.2	23.8	23.9	23.8	23.4	24.2
24.1	24.4	23.1	21.6	21.2	21.1	20.3	20.4	20.2	20.9	21	20.9	22.5
21.8	22.3	21.7	21.5	22.3	22.3	21.9	21.9	21.7	21.8	21.9	21.7	21.5
22.6	21.7	22.2	22.4	23.4	22.5	22.6	22	22.1	22.1	22.4	22.4	22.2
23.1	23.2	23.7	24.3	24.7	24.9	24.5	24.5	23.7	23.3	22.8	22.6	22.9
22.7	22.3	22.6	23.3	23.6	23.4	23.1	22.8	22.8	22.7	21.5	21.3	22.5
22.5	21.8	22.9	22.8	21.9	22.1	21.6	21.6	21.2	21.4	21.4	21.1	21.6
23.3	23.6	22.9	23.9	24.2	23.7	23.4	22.9	22	21.9	22.1	21.9	22.2
23	22.6	22.8	23.3	21.9	22.1	22.5	22.4	22.2	21.6	21.3	21.4	22.2
22.3	22.9	23.2	24.2	24.7	24.2	23.7	23.4	22.9	22.9	22	21.9	22.5
22.6	21.5	20.8	21.9	22.1	21.7	21.3	21.7	21.7	21.1	21.2	20.7	21.2
21	21.6	21.3	20.7	21.1	21.3	21.3	21.4	21.4	21.2	21.2	21.2	21.3
22.1	22.6	22.5	23.1	22	21.6	21.2	21.3	21.1	21.1	21.1	20.9	21.5
21.7	20.6	21.6	21.8	21.9	21	21.7	21.6	21.8	22.2	22.1	21.7	21.2
21.8	21.4	23.1	23.4	22.6	22.8	22.9	23.1	22.8	22.3	21.6	21.8	22
23.2	23.7	23.2	23.4	23.1	23.2	22.9	23	23	22.9	22.9	22.6	22.7
23.3	21.8	22.4	23.2	22.4	22.5	22.7	22.5	22.5	22.4	22.4	22.5	22.6
23.6	23.8	23.6	23.9	23.8	23.3	23.1	22.6	22.3	22.1	21.8	21.7	22.7
22.1	22.5	21	21.8	22.2	22.5	22.2	22.1	21.7	21.8	21.5	21.3	21.5
21.8	21.5	22.6	22	23.4	22.6	22.4	22.2	21.9	21.7	21.3	21.3	21.5
21.6	21.5	21.7	22.8	23	23.1	22.8	22.8	22	22.3	22	21.4	21.7
20.9	20.8	23.1	23.1	23	22.8	22.3	22	22.1	21.8	21.5	21.6	21.5
21.5	21.6	22.4	22.4	23.8	23.6	22.9	22.8	22.6	22.4	22.3	22.2	21.5
21.1	21.6	22.1	20.9	20.9	21.1	21.2	20.9	21.1	20.9	20.9	21.1	21.4
21.2	19.9	20.2	20.5	19.8	20.9	20.1	20	20.3	20.3	20.2	19.9	20.6
22.4	22.3	22.5	22.7	22.7	22.6	22.4	22.3	22.1	22	21.8	21.7	22

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	----------	Cu. W	----------	N.	----------	Cu. N. W	----------	Cu. W	----------	Cu.
2	Ci.-S. NE	Cu.	Ci.-S. NE	Cu.	Ci.-S. NE	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E
3	A.-Cu. ENE	Cu.	----------	Cu. N	----------	Cu. NE	----------	Cu. NE	----------	Cu.-N. E
4	Ci.-Cu.	S.-Cu. NNW	Ci.	Cu. NNW	Ci.	Cu. NNW	Ci.	Cu. NNW	Ci.	Cu.-N.
5	A.-Cu. NE	Cu.	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu. NNE	Ci.-S.	Cu.	Ci.-S.	Cu.
6	Ci.-S.	Fr.-S. N	Ci.-S. NE	Cu. N	Ci.-S. NE	Cu. NNW	A.-Cu. NE	Cu.-N.	A.-Cu. NE	Cu.
7	A.-Cu. NEbyN	N.-cf. WbyS	A.-Cu. NbyE	S.-Cu. SW	Ci.-S. S	N.-cf. W	Ci.-S.	Cu.	Ci.-S.	Cu.
8	----------	N. WSW	----------	N. WSW	----------	N.-cf. WSW	----------	N.-cf. WSW	----------	N.-cf. WSW
9	Ci.-S.	N. NE	Ci.-S.	N. ENE	----------	N. ENE	Ci.-S.	N. E	Ci.-S.	N. ESE
10	A.-Cu. E	Cu.	----------	N.-cf. E	----------	Cu. E	Ci.-S.	Cu. NbyW	Ci.-S. SE	Cu. NNW
11	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu. SSE	Ci.-S.	Cu SE	Ci.-S.	Cu.-N. E
12	Ci.-S.	Cu.	A.-Cu.	Cu. ESE	A.-Cu.	Cu. ESE	A.-Cu.	Cu. SE	Ci.-S.	Cu.
13	Ci. E	Cu.	Ci.	Cu. ESE	----------	Cu. ESE	----------	Cu.	----------	Cu.
14	Ci.-S. SbyE	Cu.	Ci.-S. SbyE	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
15	Ci.-S.	Cu.	Ci.-S.	Cu. ENE	Ci.	Cu. ESE	Ci.	Cu.-N. ESE	Ci.	Cu.-N.
16	Ci.	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E
17	A.-Cu. EbyN	Cu.	A.-Cu. EbyN	Cu.	A.-Cu. EbyN	Cu. ENE	A.-Cu.	Cu. ENE	A.-Cu.	Cu.-N. NE
18	A.-Cu. NE	Cu. E	A.-Cu. ENE	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu. ENE
19	A.-Cu. E	Cu.	A.-Cu. E	Cu. EbyN	A.-Cu.	Cu.-N. ENE	A.-Cu.	Cu.-N. ENE	A.-Cu.	Cu.-N.
20	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu.-N. ENE	Ci.	Cu.-N. NE	Ci.-Cu. SE	Cu. E
21	Ci.-S.	S.-Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.-S.	Cu. E
22	Ci.-Cu.	Cu. E	----------	Cu. E	----------	Cu. E	----------	N-cf. E	----------	N.-cf. EbyS
23	A.-Cu.	Cu. E	A.-Cu. ESE	Cu. E	A.-Cu.	Cu.-N. E	----------	Cu.-N.	A.-Cu.	Cu.-N.
24	Ci.-Cu.	S.-Cu. NE	Ci. NE	Cu.	Ci.-S.	Cu. ENE	----------	N.-cf. ENE	Ci.	N.-cf.
25	----------	Cu. E	----------	Cu. E	----------	Cu.	----------	Cu. E	----------	Cu.
26	Ci.	Cu.	Ci. EbyS	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
27	Ci.	Cu.	Ci.	Cu.	----------	Cu. ESE	----------	Cu. ESE	----------	Cu. ESE
28	Ci.-S.	Cu.	Ci.	Cu. EbyS	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu. EbyS
29	Ci.-S.	Cu.	Ci.	Cu.	----------	Cu.	----------	Cu.	----------	Cu. E
30	Ci.	Cu. EbyN	Ci.	Cu. ENE	Ci.	Cu. ENE	Ci.	Cu. ENE	Ci.	Cu.-N. ENE
31	----------	Cu. E	----------	Cu.	----------	Cu.	----------	Cu. ENE	----------	Cu.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.	Cu.	Ci.-S.	Cu.	Ci.-S. N	Cu.	Ci. N	Cu.	Ci.	Cu.-N.
2	Ci.-S.	Cu. E	Ci. ENE	Cu.-N.	Ci.	Cu.-N.	----------	Cu.-N. E	----------	Cu.-N.
3	----------	Cu.-N.	----------	Cu.-N.	Ci.-S.	Cu.-N. NE	Ci.-S.	Cu.-N. NE	Ci.-S.	S.-Cu.
4	Ci.	Cu.	Ci.-S.	cu.-N. NNW	----------	Cu.-N. NNE	----------	S.-Cu. NNE	----------	S.-Cu. NNW
5	Ci.-S.	Cu.	Ci.-S.	Cu. NNW	Ci.-S. NE	Cu.	Ci.-S. NE	Cu.-N. N	Ci.-S.	Cu.-N.
6	Ci.-S. E	Cu.	Ci. EbyN	Cu.	----------	cu.-N. WNW	----------	Cu.-N.	----------	Cu.-N.
7	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S. ESE	Cu.	Ci.-S. ESE	Cu. W	Ci.-S.	S.-Cu. WSW
8	----------	Cu.-N. SW	----------	Cu.-N. SSW	----------	N. SSW	----------	Cu.-N. SSW	----------	N. SW
9	Ci.-S.	N. ESE	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu. ESE	A.-Cu.	S.-Cu.
10	A.-Cu. SSE	Cu.	Ci.-S.	N.-cf. SSW	Ci.-S.	N. SW	Ci.-S.	Cu.-N. SSE	----------	Cu.-N.
11	Ci.-S.	Cu. SE	Ci.-S.	Cu. EbyS	Ci.-S.	Cu. EbyS	Ci.-S.	Cu.	Ci.-S.	Cu.
12	Ci.-S.	Cu.-N. SE	Ci.-S.	Cu.-N. ENE	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. NNE
13	Ci.	Cu.-N. SE	Ci.	Cu.-N. E	Ci.-Cu.	Cu.-N.	A.-Cu. ENE	Cu.-N. E	----------	Cu.-N.
14	A.-Cu.	Cu.-N. SE	A.-Cu.	Cu.-N. SE	A.-Cu.	Cu.-N. S	A.-Cu.	Cu.-N. SSE	A.-Cu.	Cu.-N.
15	Ci.	Cu.-N. ESE	----------	Cu.-N. SE	Ci.-S.	Cu.	----------	Cu.-N.	----------	Cu.-N.
16	----------	Cu.-N. ESE	Ci.	Cu.-N. ESE	Ci.	Cu. E	Ci.	Cu.-N.	Ci.	Cu.-N.
17	A.-Cu.	Cu.-N. E	----------	N. E	----------	N. E	----------	Cu.	----------	S.-Cu. E
18	A.-Cu. ESE	Cu. ENE	----------	Cu.-N. ESE	----------	Cu.-N.	Ci.	N.	Ci.	N. E
19	A.-Cu.	Cu.-N. E	----------	Cu.-N E	----------	N.	----------	N.	----------	N.
20	Ci.-Cu. SSE	Cu.	----------	Cu.-N. E	----------	Cu.	Ci.	Cu.	----------	Cu. E
21	----------	Cu.	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N. E
22	Ci.-S.	Cu.	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. E	----------	Cu.-N. E
23	----------	Cu.-N. EbyS	----------	N.	----------	Cu.-N.	Ci.-S.	S.-Cu.	Ci.-S.	Cu.-N.
24	----------	Cu. ESE	----------	Cu.-N. ESE	Ci.	Cu.-N. ESE	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.
25	A.-Cu.	Cu. ESE	Ci.	Cu. E	Ci.	Cu.-N.	Ci.-Cu.	Cu.-N.	Ci.	Cu.-N.
26	Ci.	Cu. ESE	----------	Cu.-N. ENE	Ci.	Cu.-N.	Ci.-S.	Cu.	Ci.	Cu.
27	Ci.	Cu.-N. ESE	A.-Cu. SE	Cu.-N. ESE	A.-Cu.	Cu.-N.	A.-Cu.	Cu.-N.	Ci.-Cu.	Cu.-N.
28	----------	Cu.	----------	Cu.-N. ESE	----------	Cu.	----------	Cu.	----------	Cu.
29	----------	Cu. E	Ci.	Cu.-N. E	----------	Cu.-N.	A.-Cu.	Cu.-N. E	A.-Cu.	Cu.-N. E
30	A.-Cu.	Cu.-N. EbyN	----------	Cu. ENE	----------	Cu. E	Ci.-S.	Cu. E	Ci.	Cu.
31	----------	Cu. E	Ci.	Cu. ENE	Ci.	Cu. ENE	Ci.	Cu.	Ci.	Cu.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	NNW 1	NNE 1.5	NE 1	NE 1	Calm	Calm	Calm	NW 0.5	SW 8.5	SW 2	SSW 2.5	SSW 1.5
2	Calm	S .5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SW .5
3	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SE .5	SW 1	SW 2	SW 2
4	SSW 1.5	Calm	SW 1	Calm	Calm	Calm	Calm	Calm	NWbyW 3	W 2	W 5	WbyN 2
5	N 2	NNW 2.5	NNW 2.5	NW 1.5	NNW 2.5	NNW 3.5	NNE 2	Calm	NW 1	W .5	W .5	WNW .5
6	Calm	Calm	NW 1	NNE 1	Calm	Calm	Calm	Calm	Calm	Calm	W .5	W 1
7	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WSW 2.5	WSW 5	WSW 3.5	WSW 5.5
8	S 2	S 3.5	SSE 1	Calm	Calm	WNW 1	WbyN 6.5	NE 6	Calm	E .5	SSW 3.5	Calm
9	Calm	Calm	Calm	Calm	Calm	Calm	Calm	E .5	E 1	EbyS 1.5	E 1	ENE 1
10	Calm	S .5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WNW 4.5
11	Calm	Calm	Calm	Calm	Calm	Calm	SE 1	Calm	Calm	SE .5	SEbyS 1	S .5
12	NE .5	NE .5	Calm	Calm	Calm	NE .5	NE .5	Calm	NE .5	Calm	SE 1	W 1
13	N 1	Calm	Calm	Calm	NNE .5	Calm	Calm	E 1	WSW 1	W 1	SW 1	WSW 1
14	Calm	Calm	Calm	Calm	Calm	ENE .5	Calm	Calm	N 1	NE 1	NNE 1	SE 1
15	NNW 1	Calm	Calm	Calm	Calm	Calm	NE 1	Calm	SSW .5	WSW 1	WSW 1	WSW 1.5
16	Calm	Calm	Calm	NNE .5	NNE 1	NbyE .5	NNE .5	Calm	E .5	SW 1	WNW 2.5	W 3.5
17	ENE .5	ENE 1.5	E 1.5	Calm	Calm	N 1	NNE .5	Calm	NNE 1.5	NNW 1	NNW .5	NNE 2.5
18	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NNE 1	NNE 1	NE 1.5
19	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WbyS 1	WSW 1.5	WSW 1.5
20	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NE .5	SE 1.5	SW 1.5	WSW 1	WbyS 1
21	E 1	ENE .5	Calm	Calm	Calm	ENE 1	ENE .5	NNW 1	WNW 1	W 2.5	WNW 3.5	WNW 3.5
22	N 1.5	NNE 1	Calm	Calm	Calm	Calm	Calm	Calm	WNW 1	WNW 1	W 1	W 1
23	NNE 2.5	NE 1.5	Calm	Calm	Calm	Calm	Calm	NE .5	E .5	Calm	NbyW 2	NW 2.5
24	Calm	Calm	Calm	Calm	Calm	Calm	NE .5	Calm	Calm	WbyN 1	W 4.5	WNW 3
25	Calm	Calm	Calm	NNE 1	NNE 1	NE .5	ENE 1.5	NE 2	NE 2	ENE 3.5	E 4	E 3.5
26	Calm	NE 2.5	Calm	Calm	Calm	Calm	Calm	Calm	S 1	SW 1	WSW 2.5	WNW 1.5
27	Calm	Calm	Calm	ENE .5	Calm	NE 1.5	Calm	Calm	S 1	NW 1.5	WNW 2.5	NE .5
28	Calm	ENE .5	Calm	ENE .5	Calm	Calm	Calm	Calm	SW 1.5	SE 1.5	SE 2	SSE 1.5
29	Calm	ENE .5	NE .5	NE .5	NE 1	Calm	Calm	N .5	W .5	Calm	WSW 3	WSW 1.5
30	Calm	Calm	Calm	Calm	Calm	NE 1	NNE 2	Calm	NE .5	SbyE .5	WbyS 1.5	WNW 2.5
31	NE 1	NE 1	ENE .5	Calm	ENE .5	Calm	Calm	NNE 2	NNE 1.5	NW 2	NE 2.5	NE 1.5
Mean	0.5	0.6	0.3	0.2	0.2	0.4	0.5	0.5	1.1	1.2	1.9	1.8

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	SW 3	WSW 2	SW 3.5	SW 5.5	WSW 5	WSW 3	SW 1	Calm	Calm	Calm	Calm	Calm	1.8
2	SW 1.5	SW 1	SW 1	SW 4	E 4	Calm	E 1	E 1	Calm	Calm	Calm	Calm	.6
3	NE 3	Calm	Calm	Calm	NNE 1	Calm	Calm	Calm	Calm	NW 1	Calm	Calm	.4
4	WSW 6.5	SW 2.5	SW 4	N .5	NE 1	Calm	Calm	Calm	Calm	NNW 2	NNW 2.5	NWbyN 2	1.5
5	Calm	Calm	Calm	WSW .5	WSW .5	NE 1	NW .5	NE 2.5	NNE 1.5	NNW 3	NNW 1	NNE 1	1.3
6	SW 1	SW 1	SW 5	SW 4.5	SW 6	W .5	SSW 1.5	S 1.5	S 1	S 1	S 1.5	ENE 2	1.2
7	SW 6	SW 6	SW 8.5	SW 5.5	SSW 7.5	SSW 7.5	SSW 5.5	SSW 6.5	SW 9	Calm	S 3.5	SSW 3.5	3.6
8	Calm	Calm	S 8	SSW 7.5	SSW 3.5	SSE 3.5	SSW 5	SE 2	ESE .5	Calm	Calm	Calm	2.2
9	ENE 2.5	Calm	S .5	S .5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.4
10	WbyN 4	W 2	WSW .5	Calm	SSE 1	SE 1	SE .5	SE .5	SE .5	Calm	Calm	Calm	.6
11	ESE 1	Calm	NW 1.5	Calm	Calm	Calm	NE 1	Calm	Calm	NE .5	ENE 1	Calm	.3
12	WNW 1.5	Calm	Calm	Calm	SE .5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.3
13	WNW 1.5	ENE 1.5	ESE .5	ESE 1	ESE 2.5	ESE 3	SE 3	ESE 3.5	ESE 1.5	Calm	Calm	Calm	1
14	WSW 1	WSW 1	SW 1.5	Calm	Calm	Calm	Calm	ESE 1.5	NE 1.5	E 1.5	N 1.5	NNW 1	.6
15	swbyw 2.5	NE 3.5	NE 2	NE 1	SE 2.5	SW .5	NE 1.5	Calm	NE 1.5	NE 1.5	NNE 2	N 1.5	1.1
16	WNW 2	WbyN 2	Calm	NNE .5	Calm	NNE .5	Calm	Calm	Calm	Calm	Calm	Calm	.6
17	NbyE 1.5	SE 3	NNE 3	Calm	Calm	NE 1.5	Calm	Calm	Calm	Calm	Calm	E 1.5	.9
18	NE 3.5	ESE 3	Calm	ESE 2	ESE 1.5	SE 2.5	ESE .5	Calm	Calm	Calm	Calm	Calm	.7
19	WSW 2.5	NW 3.5	ENE 1.5	Calm	N 1.5	NNE 2	NNE 1	NE 1	Calm	Calm	Calm	Calm	.7
20	WSW 1.5	NE 4	N 4.5	NE .5	SW 1	Calm	Calm	Calm	Calm	Calm	Calm	E 1.5	.8
21	WbyN 3	SW 2	EbyS 1.5	NE 1	Calm	Calm	Calm	Calm	Calm	NE 1.5	NNE 2	N .5	1.1
22	WSW 1	WSW .5	WSW 1	WbyS .5	SSW 1	NE 2.5	Calm	Calm	Calm	Calm	Calm	WNW 2.5	.6
23	WNW 2.5	NNE 3.5	NNE 2.5	NNE 2	NNE .5	NNE 1	Calm	Calm	Calm	Calm	Calm	Calm	.9
24	WSW 2	W 1.5	NNW .5	NE 2	NE 1	Calm	ENE 1	Calm	ENE .5	ENE 1	Calm	Calm	.8
25	ESE 2.5	ESE 3.5	ESE 3	SE 4	ESE 3.5	SE 1.5	SE 1	SE .5	SE 1	Calm	ESE 1	ESE 1	1.7
26	WNW 2.5	NW 1	Calm	ENE 3	Calm	NE 1	Calm	ESE .5	ESE .5	SE 1	SE .5	Calm	.8
27	NE 2.5	ENE 1	SE .5	SSE 2.5	SSE .5	Calm	SE .5	Calm	SE 2.5	SE .5	Calm	SE .5	.8
28	SE 1	SSE 1	NNE 1	SE .5	SE 2.5	Calm	SE 1	SE 1.5	Calm	Calm	Calm	E .5	.7
29	WNW 3	WbyS 2.5	ESE 3.5	SW 1.5	Calm	SW 1	SSE 1	SE .5	Calm	Calm	N 1	Calm	.9
30	ESE 5.5	ENE 5.5	ESE 5	SE 5	ESE 5	ESE 3	ESE 1.5	E 1	E 1	ENE 1	ENE .5	Calm	1.8
31	NE 1	EbyS .5	NE 1.5	NE 3	NE 1.5	Calm	NE 3.5	NE 1	Calm	NE 1	Calm	Calm	1.1
Mean	2.3	1.9	2.1	1.9	1.8	1.2	1	0.8	0.7	0.5	0.6	0.6	1

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	5	4.5	6	2.5	1	1	2	1	17	**23**	15	**14**
2	3	4	4	2	3	5	3	4	2	5	4	6
3	4.5	1	3.5	2	1	4	4	3	1.5	2.5	**11**	**9**
4	9	1.5	2.5	5	5	4	3.5	2.5	7	12	17	13.5
5	10	7	10	11	11	**12**	6	3	2	7	5	6
6	4	1	4	4.5	2.5	2	2	1	.5	.5	7	7
7	1	1	0	1	0	0	0	3	10	11	17	19
8	14.5	9	10	6	2	7	14	8.5	3.5	.5	11.5	6
9	4	6.5	.5	1	1.5	1.5	3	3	4	6	6.5	6.5
10	2.5	2.5	3.5	3	3	1.5	1.5	2	2	2	8	10
11	1	3.5	3	3.5	3	2.5	3.5	3.5	2.5	4	5.5	6.5
12	3	2.5	2.5	.5	.5	.5	3.5	.5	2.5	4	6	8
13	4	1.5	.5	.5	1.5	4	0	2	3	9	8.5	10.5
14	1.5	2	1	2	2	4.5	2	4	2.5	4	6.5	4
15	3	2	0	0	0	1.5	3.5	0	2	7	**12.5**	10
16	2	1.5	4	1.5	4	4.5	2	2	2.5	6	10	**11**
17	6	6	6	5	1	4	2.5	3.5	5	7	7.5	8.5
18	5	.5	.5	1	1	1.5	1.5	1	2.5	.5	8	9
19	1.5	1	2	3	5	2	4	3	4	8	**10.5**	10
20	0	0	0	.5	1.5	0	0	0	2	5	**12**	11
21	4.5	4.5	3	0	1	1.5	.5	.5	2	7.5	**14**	12.5
22	6	4.5	1.5	2	1.5	2	0	0	3.5	4	**10**	8
23	6	9	1	0	1	0	0	1	2.5	2.5	**11.5**	8.5
24	0	.5	1	1	0	.5	.5	2	0	6	11.5	**12**
25	3	2	1	3	6	5.5	4.5	6	6.5	9	11.5	12
26	6	5	6	1	2	4	4	2	**5**	8	12	11
27	3	3.5	3	3	3.5	4.5	4	2	3.5	4.5	8	6
28	5	2	2	3	3	**5**	3.5	1.5	7	7	**10.5**	7.5
29	3	2.5	4	4.5	4	4	2	3	6	8	13	10
30	1	3	2	3	3	3	5	4	2	2	11	12
31	2.5	3.5	3.5	1.5	2	2.5	3.5	5.5	6.5	3	11	4
Mean	4	3.2	3	**2.5**	**2.5**	3.1	2.9	2.5	4	6	**10.1**	9.3

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	8	9	10	10	9	5	6	8	7	9	9	10	8.3	3 50
2	6	8	7	7	7	8	7	6	5	7	9	10	7.2	5 45
3	9	7	6	6	8	7	10	10	10	10	10	10	8.6	3 30
4	8	8	8	9	6	7	6	9	10	10	10	10	8.4	5 30
5	10	10	9	9	9	10	9	10	10	10	10	10	9.7	**0 00**
6	10	10	10	10	10	10	10	7	9	10	10	10	9.7	0 45
7	9	9	8	9	8	9	9	9	9	10	10	10	9.1	2 55
8	10	10	10	10	10	10	10	10	10	10	10	10	**10**	0 45
9	10	10	10	10	10	10	10	10	10	9	8	10	9.8	**0 00**
10	7	10	9	10	10	10	10	10	10	10	10	10	9.7	1 50
11	7	10	10	10	10	10	10	10	10	10	10	10	9.8	**0 00**
12	9	8	7	9	9	8	9	10	10	8	7	7	8.4	4 45
13	9	5	5	4	4	4	7	10	7	9	10	9	6.9	6 10
14	8	7	8	8	8	9	9	10	10	9	7	6	8.2	1 30
15	7	8	7	7	8	8	8	9	10	8	10	10	8.3	5 30
16	5	5	4	4	5	7	9	9	9	9	9	7	6.8	5 25
17	5	7	9	8	8	8	9	9	9	8	10	10	8.3	5 05
18	8	4	7	8	8	7	7	10	10	10	10	8	8.1	3 10
19	6	8	9	8	8	8	8	9	8	10	10	10	8.5	5 05
20	4	4	5	7	8	7	6	8	7	6	8	10	6.7	**9 50**
21	4	4	4	5	5	7	3	8	9	10	10	10	6.6	7 20
22	9	6	9	9	10	10	10	8	8	8	9	7	8.6	2 15
23	8	9	7	8	10	10	10	10	9	10	10	10	9.2	1 20
24	10	6	5	6	7	7	7	8	7	9	9	8	7.4	6 05
25	7	4	4	4	4	4	5	8	7	7	7	5	5.5	9 25
26	3	4	5	5	6	7	6	7	8	8	8	6	6.1	6 50
27	3	7	5	5	8	9	10	7	9	9	9	9	7.5	5 30
28	2	3	3	4	4	3	3	7	3	3	3	3	**3.4**	9 10
29	3	4	4	3	3	4	4	6	10	7	9	5	5.2	7 30
30	6	5	6	7	8	8	7	4	8	8	9	5	6.8	7 50
31	4	4	3	3	8	3	3	7	6	7	9	5	5.2	7 55
Total														142 30
Mean	**6.9**	**6.9**	**6.9**	7.2	7.6	7.5	7.6	8.5	8.5	8.6	**9**	8.4	7.8	4 36

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon–1 p.	1–2 p.	2–3 p.	3–4 p.	4–5 p.	5–6 p.	6–7 p.	7–8 p.	8–9 p.	9–10 p.	10–11 p.	11–mdt.	Mean.
13	12	11	21	19	13	7.5	4.5	3	3	3	2	8.5
9	7.5	9.5	12	14	7	4.5	5.5	5	4	3.5	2.5	5.4
9	9	2.5	3	2.5	0	0	1	1	3	3	1	3.4
19.5	15.5	14.5	6	3.5	4	.5	1	2	6	9.5	8.5	7.2
4	3	4	3	2	4	6	7	9	3	10	3	6.2
6	8	16	26	20	12.5	2.5	5	5	4	3.5	5.5	6.2
22.5	21.5	29	21	28	21	22	25.5	27.5	21	10	13.5	13.6
5	5	10	29	20	24	12.5	14	8	3	3	3	9.5
7	.5	4.5	5	.5	0	.5	2.5	.5	3	2	.5	2.9
14	13	9	5	6	8	5.5	5.5	4	2.5	3	1.5	4.9
7	3	7.5	4.5	2.5	1	3.5	0	.5	2.5	4	1	3.3
10	6	.5	2.5	2	1	1	3	1	.5	3	3.5	2.8
9	14	4	5.5	9.5	9	9.5	13.5	9	4.5	2.5	3	5.8
4.5	6.5	14	2	0	1	2	6	12.5	4.5	2	4	4
9	8.5	9	4	7	6.5	3.5	1	3	6	6.5	5.5	4.6
10	10	4	3	.5	.5	.5	.5	0	0	2	2	3.5
7.5	9.5	10.5	4	.5	3.5	4.5	0	.5	2.5	1.5	2.5	4.5
10	19	7	7	8	7	2	3	1	2	2.5	2	4.3
6.5	9.5	8	2.5	5	6	8	6.5	.5	0	0	0	4.4
8	12	8	4	2	7	2	2	2	2	1.5	3.5	3.6
13.5	10	11.5	7	4.5	3	1.5	.5	4	5	5	3	5
7	8	5	6	4	6	5.5	2	1.5	1	2	6	4
7	10	8.5	4.5	2	2	0	0	0	0	.5	0	3.2
12	8.5	10	4	6	2.5	4	3	3.5	4	1.5	1.5	4
14	13	13	12	13	7	5	4	5	4	5	4	7
13	7.5	4.5	5	1	2	3	4.5	4.5	3	6	2.5	5.1
10	6	8	6	5	2	3	4	7	7	4	3	4.7
7	6	8	4.5	7.5	7	4	7	3	4	2	4	5
15	12	9	5	2.5	2.5	5	4	2.5	3.5	3.5	3.5	5.5
12	15.5	16.5	13.5	13.5	10	10.5	4.5	3	4.5	4	2.5	6.7
6	8	10	12	12	6	8	11	4	3.5	3.5	3.5	5.7
9.9	9.6	9.2	8	7.2	6	4.7	4.9	4.3	3.8	3.6	3.3	5.3

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	At midometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1		1	2							2	5	3			1	1	8	204	2.1	35.3
2					3				1		5						15	129	2.1	3.5
8		1	1				1				3				1		17	82	1.2	19.4
4	1		1							1	3	1	2	1	1	3	10	173	1.9	11.9
5	1	3	2									2	2	1	3	6	4	148	1.2	16.9
6		1		1					4	1	5		3		1		8	150	1.4	40.4
7									1	5	5	4					9	325.5	2.7	44.4
8			1		1	1	1	2	3	4				2			9	228.5	.3	33.9
9				2	3	1			2								16	70.5	.5	8.3
10							4	1	1			1	1	2			14	118.5	2	1.9
11			2	1		1	2	1	1						1		15	79	1.6	
12			5				2						1	1			15	68	1.9	6
13	1	1		1	1	6	1				1	2	1	1			8	138	1.7	16.4
14	2	1	2	1	1	1	1				1	2				1	11	95	1.3	32
15	1	1	7				1			1	1	4				1	7	111	2.2	
16		6			1						1		1	3			12	84	2.2	
17	1	5	1	2	2		1									2	10	109	1.4	1.5
18		2	2			4	1										15	102.5	2	5.6
19	1	2	1	1								3	1		1		14	106.5	1.8	13.8
20	1		3		1		1				2	2	1				13	86	2.7	8.4
21	1	1	2	3	1	1					1		1	4		1	8	120	2	1.5
22	1	1	1							1		3	3	3			11	97	2.1	5.1
23	1	6	2		1									1	1		12	77.5	.4	11.1
24			3	3								1	2	2		1	12	95.5	1.8	
25		2	3	2	2	6	5										4	169	3.7	
26			2	1		2	2		1		1	1		2	1		11	122.5	2.4	
27			3	2			5	2	1					1	1		9	113.5	2.2	
28		1		2	1		7	2			1						10	121	3.3	
29	2		3	1		1	1	1			2	2	2	1			8	132	2.3	21.5
30		1	2	3	2	5	1		1				1	1			7	161	3.3	
31		2	11	2		1									1		7	136.5	3.5	1.8
Total	14	38	62	28	20	30	37	9	16	15	38	31	22	26	13	16	329	3,953.5	61.2	340.6
Mean	0.5	1.2	2	0.9	0.6	1	1.2	0.3	0.5	0.5	1.2	1	0.7	0.8	0.4	0.5	10.6	127.5	2	11

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor. pressure.
	mm.		°C.		*Per cent.*	*mm.*	*mm.*		°C.		*Per cent.*	*mm.*
1	**760.70**	9. 05a.	30. 3	1. 55p.	98	23. 1	756. 80	3. 55p.	23. 2	3. 45a.	74	20. 8
2	59. 70	9. 30a.	31. 7	3. 55p.	98	23. 9	56. 20	3. 20p.	23. 2	5. 55a.	67	20. 6
3	59. 15	9. 10a.	31. 3	0. 30p.	97	23. 6	56. 10	2. 50p.	23. 8	5. 55a.	75	21. 6
4	58. 65	0. 10a.	31. 3	1. 15p.	97	23. 8	55. 45	2. 20p.	23. 3	5. 45a.	73	21
5	57. 15	0. 05a.	29. 5	1. 35p.	**99**	23. 4	53. 65	4. 10p.	23. 6	5. 15a.	72	20. 3
6	54. 55	8. 15a.	31. 1	2. 40p.	**99**	24. 3	50. 95	4. 15p.	23. 7	0. 55a.	74	21. 6
7	**54. 15**	10. 00p.	31. 7	2. 20p.	98	**25. 9**	**50. 73**	3. 00p.	**24. 3**	3. 50a.	76	**22. 9**
8	56. 85	11. 30p.	30	10. 55a.	98	24. 4	52. 45	2. 25a.	23. 3	8. 55p.	79	20. 2
9	58. 40	10. 10p.	**27. 6**	3. 40p.	98	**22. 3**	55. 95	4. 05a.	23	4. 45a.	**83**	20. 6
10	59. 05	11. 30p.	31. 3	0. 55p.	**99**	23. 4	56	2. 45p.	23. 2	4. 15a.	69	21. 1
11	59. 85	9. 00p.	30. 6	1. 55p.	97	24. 9	56. 95	3. 30p.	23. 5	5. 30a.	73	21. 3
12	60. 45	9. 40p.	31. 5	10. 40a.	96	23. 6	57. 45	2. 50p.	23. 9	5. 25a.	70	21. 3
13	60. 55	9. 15p.	32	1. 30p.	98	22. 9	**57. 80**	2. 50p.	22. 6	5. 55a.	69	20. 2
14	**60. 70**	8. 50a.	31. 2	1. 25p.	**99**	24. 2	57. 40	2. 25p.	23	5. 25a.	72	20. 5
15	59. 85	0. 05a.	32	0. 55p.	**99**	23. 9	56. 70	2. 40p.	23	5. 35a.	70	20. 9
16	59. 76	9. 00a.	31. 3	1. 40p.	97	24. 7	56. 15	2. 45p.	23. 4	4. 35a.	72	21
17	58. 60	0. 05a.	31. 6	1. 20p.	97	22. 6	55. 50	1. 55p.	22. 8	5. 15a.	68. 5	19. 8
18	58. 23	10. 00a.	31. 3	0. 10p.	98	**22. 3**	56. 35	1. 45p.	22. 8	4. 40a.	66	20. 6
19	58. 59	10. 00a.	30. 3	1. 40p.	97	23. 1	56. 10	2. 10p.	22. 6	5. 55a.	72	20. 2
20	58. 76	9. 00a.	32. 1	1. 45p.	97	22. 9	55. 50	3. 05p.	22. 1	5. 50a.	66	19. 3
21	59. 20	9. 15p.	32	1. 55p.	98	23. 4	55. 75	2. 40p.	23. 1	6. 05a.	65	20. 6
22	59. 70	9. 30p.	30. 8	3. 40p.	98	23. 7	56. 35	3. 30p.	23. 7	5. 55a.	74	21. 6
23	59. 50	9. 30a.	29. 8	10. 05a.	98	23. 6	57. 10	3. 15p.	**24. 3**	4. 55a.	78	21. 8
24	59. 30	9. 05a.	30. 9	1. 10p.	98	23. 9	56. 55	3. 15p.	23. 7	5. 55a.	72	21. 7
25	59	8. 55a.	32. 7	3. 25p.	**95**	22. 5	55. 45	3. 05p.	23	5. 55a.	59. 5	19. 9
26	58. 50	8. 30a.	31. 8	2. 10p.	98	23. 4	55. 40	2. 20p.	22. 6	5. 45a.	66. 5	20. 1
27	58. 55	8. 50a.	31. 8	0. 15p.	97	23. 1	55. 55	3. 10p.	22. 6	5. 50a.	66	19. 9
28	59. 75	11. 05p.	**33. 2**	1. 40p.	97	23. 1	56. 45	2. 30a.	22. 4	5. 50a.	59	19. 8
29	60. 45	9. 35a.	32. 8	2. 15p.	98	23. 8	57. 70	3. 45p.	**21. 9**	5. 55a.	63	**19. 1**
30	59. 80	9. 25a.	32. 3	1. 05p.	**99**	22. 7	56. 95	2. 35p.	23. 2	5. 55a.	59	20. 9
31	59. 05	8. 30a.	32. 8	2. 45p.	97	22. 8	56. 35	2. 40p.	22. 8	5. 40a.	**55**	19. 8
Mean	758. 92		31. 3		97. 7	23. 5	755. 80		23. 1		69. 6	20. 7

DAILY GENERAL REMARKS.

1____● squalls in the morning; d² in the early morning and at night.
2____d in the early morning; ⌈² NE quadrant, ⌒ in the afternoon; ●° in the evening and at night.
3____d² in the early morning; thundershowers in the afternoon.
4____d² in the early morning; ⊕° in the forenoon; convergence of Ci. toward NNE at noon; ●, ⌈ NE and S quadrants in the afternoon.
5____⌈ NE quadrant in the afternoon; ● in the evening.
6____d° in the morning; convergence of Ci. toward E, ⌈ NE quadrant in the afternoon; heavy thundershowers in the evening.
7____●° in the early morning and at night; ⊕ in the morning; somewhat gusty SWly winds in the afternoon; ⌊ N in the evening.
8____Somewhat rainy weather specially early in the morning; ⌈ NE quadrant in the afternoon.
9____● in the morning; d° in the afternoon.
10____d² in the afternoon.
11____Convergence of Ci. toward S in the morning; ⊕ in the forenoon and afternoon.
12____⌈ NW quadrant, ●° in the afternoon.
13____♇ early in the morning; ⊤ NE quadrant in the afternoon; ● in the afternoon and evening.
14____⊖ in the forenoon; ⌈ various points in the afternoon; ● in the afternoon and evening.
15____⌈ S in the afternoon.
16____⌊ SW quadrant in the evening.
17____d in the afternoon.
18____d in the early morning; ●, ⌈ SE quadrant in the afternoon.
19____●, ⌒, ⊤ SE in the afternoon.
20____⌈ SW, p in the evening.
21____⌈ E quadrant ⌒ in the afternoon; ●° in the afternoon and evening.
22____≡ early in the morning; ⊕, ⌒° in the afternoon; ●°, ⌊ NW quadrant in the evening.
23____≡° early in the morning; ● in the early morning and forenoon; d, ⊤ NE in the afternoon.
24____d in the early morning; ⌈° NE quadrant in the afternoon.
25____⌊ NW quadrant in the evening.
26____♇ early in the morning; ⊤ SE in the afternoon; ⌊ NW in the evening.
27____♇ early in the morning; ☋ in the evening.
28____♇ early in the morning; ⌈ NNE in the afternoon.
29____♇ early in the morning; ●, ⌈° E quadrant in the afternoon.
30____Cloudy weather.
31____♇° early in the morning; p at 11.30 a. m.

OBSERVATIONS FOR NOVEMBER, 1917.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	57.80	57.55	57.35	57	56.95	57.54	58.24	58.61	**58.98**	58.58	58.14	57.67
2	57.40	57.10	57.05	57	57.15	57.64	58.29	59	**59.38**	59.03	58.78	58.14
3	58	57.70	57.45	57.45	57.65	57.84	58.26	58.72	58.81	58.75	58.28	57.72
4	58.65	58.45	58.40	58.45	58.65	58.93	59.82	60.17	**60.74**	60.57	59.84	59.46
5	59.60	59.10	58.75	58.95	59.15	59.91	60.55	60.76	**61**	60.58	59.79	59.08
6	59	58.70	58.75	58.55	58.85	59.36	60.30	60.94	61.47	**61.50**	61.32	60.65
7	59.10	58.75	58.50	**58.45**	58.90	59.95	60.22	59.97	60.44	60.70	60.24	60.09
8	59.75	59.30	59.05	59.15	59.25	59.81	60.41	60.80	**61.09**	60.99	60.50	59.96
9	58.85	58.35	58.35	58.15	57.95	58.17	58.86	58.91	**58.97**	58.72	58.21	57.25
10	57.10	56.20	57	56.80	57	57.41	57.70	58.25	58.45	58.49	58.04	57.53
11	57.60	57.20	57.10	57.10	57.05	57.56	58.20	58.60	58.93	58.84	58.52	57.77
12	59.05	58.95	58.55	58.60	58.85	59.29	59.39	59.86	60.21	60.09	59.52	58.72
13	59.90	59.55	59.30	59.35	59.65	60.21	60.75	60.89	**61.20**	61.14	60.54	59.94
14	59.15	58.80	58.30	58.20	58.40	59.02	59.51	59.92	**60.07**	59.76	59.18	58.57
15	58.10	57.85	57.50	57.35	57.70	57.96	58.65	59.34	**59.49**	59.19	58.97	58.18
16	57.50	57.20	57.10	57.10	57.50	58.02	58.11	58.14	58.33	58.29	57.99	57.54
17	57.65	57.65	57.60	57.80	57.95	58.49	58.74	59.15	**59.34**	59.06	58.70	58.41
18	56.95	56.65	56.70	56.85	57.25	57.89	58.14	58.62	**58.74**	58.43	58.14	57.47
19	57.30	56.60	56.40	56.30	56.10	57	57.64	57.62	57.81	57.74	57.60	56.94
20	58.10	57.85	**57.15**	57.60	57.80	58.30	58.75	59.04	59.57	59.41	59.15	58.84
21	58.95	58.95	58.85	58.85	59.10	59.53	60.08	60.26	60.31	60.24	59.95	59.50
22	60	59.50	59.55	59.60	59.70	60.08	60.60	60.96	**61.39**	60.89	60.36	59.86
23	59.45	58.85	58.60	58.50	58.55	59.07	59.77	60.01	**60.30**	59.84	59.35	59.05
24	58.95	58.70	58.30	58.20	58.10	58.28	58.62	58.91	**58.95**	58.81	58.13	57.63
25	58.20	57.95	57.85	57.75	58.05	58.27	58.76	59.05	59.22	59.01	58.85	58.41
26	58.40	57.95	57.85	58.05	58.25	58.64	59.22	59.58	**59.70**	59.46	58.89	58.39
27	58.75	58.25	58.20	58.25	58.15	58.46	58.86	59.31	59.39	59.17	58.89	58.31
28	59.25	58.90	58.75	58.70	58.80	59.38	59.96	60.56	**60.77**	60.69	60.25	59.64
29	60.05	59.90	59.70	59.80	59.90	60.06	60.68	61.30	61.54	61.39	60.94	60.38
30	61	60.60	60.15	60.05	60.05	60.40	60.88	61.22	**61.42**	61.38	61.22	60.60
Mean	58.65	58.30	58.14	58.13	58.28	58.75	59.27	59.62	**59.87**	59.69	59.28	58.72

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	23.8	23.3	23.1	22.9	22.7	**22.5**	24.3	26.7	27	29.2	30.7	29.1
2	23.1	23.1	22.6	**22.4**	22.5	22.8	23.4	24.4	27.3	27.3	27.2	28.7
3	22.9	22.9	22.7	**22.4**	**22.4**	22.5	24.6	25.9	27.1	28.6	30.6	**31.4**
4	**23.1**	**23.1**	**23.1**	**23.1**	23.3	**23.1**	24	24.4	24.9	26.1	25	26.6
5	23.8	23.4	23.4	**23.2**	23.3	**23.2**	23.8	25.1	27.2	**28.5**	30.2	**31**
6	23.6	23.6	23.1	**22.9**	23	23.2	23.7	24.6	24.6	24.5	24.4	25.6
7	**23.1**	23.2	23.4	23.3	23.4	23.4	23.7	25.6	**26.1**	**26.1**	24.7	24.5
8	23.5	23.2	23.1	23	23	22.9	23.6	24.4	26.1	27.1	**28**	27.1
9	**22.8**	**22.8**	22.9	22.9	23	23	23.2	24.7	27.2	**28.4**	26.9	27
10	24	23.8	23.8	23.7	23.7	**23.5**	24.1	25.8	28.8	29.1	29.6	30.5
11	24.1	23.9	23.7	23.5	23.3	**23.2**	23.8	27.4	29	28.7	28.3	29.7
12	23.8	23.8	24	23.9	23.9	23.8	24.4	26	28.7	28.8	28.6	**29.6**
13	23.5	22.5	22.3	21.7	21.4	**21.2**	22.6	26.5	27.4	28.7	29.6	29.1
14	22.9	22.5	22.3	22	21.7	**21.6**	23.2	25.5	28.2	29.4	29.5	29.8
15	23.1	23.3	23	23.1	22.4	**22**	23.7	27.1	28	29.6	30	**30.2**
16	23.8	23.7	24	23.8	**23.3**	23.4	24.1	26.5	28.4	30	**30.4**	30.2
17	24	23.7	23.6	**23.4**	23.7	23.5	24.2	25.2	26.1	26.2	27.4	27.6
18	23.4	**23.1**	23.7	23.8	24.1	23.7	24.4	25.2	27.6	**28.8**	28	**28.8**
19	24.2	23.6	23.4	23.4	**23.2**	23.3	24.8	27.2	28.6	**29.2**	28.4	28.8
20	23.8	**23.6**	**23.6**	24	24.2	24	24.2	25.2	26	**27.3**	25	24.4
21	24.3	23.8	23.6	**23.1**	23.3	23.3	23.7	24.2	24.8	26.8	26.2	27.5
22	22.9	22.3	22.2	21.9	**21.7**	21.8	22.7	23.4	23.9	23.4	24	25.6
23	23.7	23.8	23.5	23.2	**23**	23.2	23.4	24.3	26.1	**27**	26.4	26.7
24	23.4	23.2	23.2	**23.1**	23.2	**23.1**	23.6	24.9	27.2	27.6	30.1	28.9
25	23.8	23.3	23.5	23.4	23.4	23.3	23.4	23.7	24.2	**25.3**	24.8	23.4
26	22.8	22.8	**22.5**	22.6	22.7	22.7	22.8	23.5	25.2	26.6	27.3	27.7
27	23.1	23.1	22.4	22.1	22	**21.8**	22.3	25.7	27.4	28.3	28.5	29
28	24.4	24.2	23.9	23.5	23.3	**23.2**	23.9	25.1	26.2	27.1	28	29.7
29	23.9	23.8	23.9	23.5	23.1	**22.9**	23.5	26.6	28.5	28.8	29.1	29.3
30	23.9	23.5	23.2	22.9	22.6	**22.4**	22.9	25.9	27.1	28.3	28.5	28.3
Mean	23.6	23.3	23.2	23.1	23	**22.9**	23.7	25.4	26.8	27.7	27.8	28.2

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
56.78	56.57	**56.37**	56.48	56.69	57.02	57.25	57.85	58.10	58.20	58.05	57.75	57.56
57.40	56.72	56.64	**56.62**	57.01	57.19	57.58	58.25	58.60	58.55	58.60	58.40	57.81
57.41	**56.82**	57.03	57.40	57.90	58.54	58.95	59.35	**59.60**	59.45	59.40	59.20	58.24
58.70	58.54	58.23	**58.03**	58.67	58.79	59.05	59.20	60.05	60.15	60.30	59.90	59.24
58.47	58.26	**57.95**	58.04	58.23	58.33	58.72	59.60	59.90	60.60	60.15	59.70	59.38
59.47	58.87	58.51	**58.50**	58.75	59.21	59.30	59.80	59.90	59.95	59.75	59.55	59.62
59.12	58.92	58.90	58.92	59.16	59.60	60.15	60.65	**60.95**	60.75	60.55	60.45	59.73
59.88	59.33	**58.84**	59.30	59.70	59.67	59.72	59.70	59.90	59.75	59.70	59.45	59.79
56.46	56.49	**56.18**	56.39	56.50	56.53	56.65	56.80	57.45	57.55	57.35	57.20	57.60
56.96	56.04	**55.57**	55.96	56.71	57.09	57.55	58.10	58.60	**58.75**	58.40	58.10	57.41
57.27	56.44	**56.16**	56.52	56.97	57.70	58.05	59.25	60	**60.10**	59.90	59.50	58.01
58.07	57.85	**57.57**	57.68	57.97	58.44	59.14	59.75	**60.55**	60.50	60.35	60.15	59.13
59.15	58.57	**58.16**	58.42	58.83	59.12	59.37	59.85	60.15	60.30	60.15	59.85	59.76
57.87	57.31	**56.99**	57.13	57.33	57.42	57.85	58.40	58.45	58.50	58.45	58.40	58.46
57.03	56.13	**55.77**	56.02	56.32	56.67	57.21	57.75	58	58	57.85	57.65	57.70
56.81	56.27	**55.89**	56.12	56.77	56.87	57.73	58.20	58.30	59.05	**59.10**	58.50	57.60
57.48	56.84	**56.55**	56.67	57.39	57.56	58.05	58.20	58.55	58	57.45	57.60	57.95
56.97	**56.48**	56.69	56.63	56.96	57.15	57.70	58	58.05	58.05	57.95	57.85	57.51
56.63	56.10	**56.04**	56.34	56.54	56.72	57.64	58.10	58.40	**58.60**	58.20	58.30	**57.19**
57.91	57.49	57.30	57.21	57.72	58.22	58.87	59.30	**59.60**	59.45	59.30	59.15	58.46
59.09	58.50	58.49	**58.39**	58.94	59.33	59.96	**60.60**	60.55	60.40	60.40	60.45	59.57
59.34	58.72	**58.55**	58.64	58.92	59.02	59.30	60.05	60.30	60.35	60	59.50	59.80
58.22	57.39	**57.19**	57.49	57.99	58.27	58.79	58.95	59.40	59.75	59.65	59.40	58.91
56.84	56.32	**55.98**	56.22	56.67	56.85	57.44	58.25	58.80	58.70	58.25	58.15	57.92
57.60	57.16	**56.91**	57.31	57.96	58.16	58.75	**59.35**	59.25	59.25	59.15	58.70	58.37
57.69	57.46	**57.01**	57.26	58.04	58.27	58.66	58.90	59.20	59.25	59.05	59.05	58.51
57.48	56.59	**56.54**	56.63	57.30	57.63	58.16	58.60	59.20	**59.40**	**59.40**	59.35	58.34
58.88	58.34	**58.02**	58.04	58.54	58.67	59.29	59.70	60	60.20	60.10	60.30	59.41
59.65	59.17	**58.86**	59.12	59.72	60.11	60.45	60.70	61.30	**61.70**	61.55	61.30	**60.39**
59.60	58.52	58.27	**57.92**	58.39	59	59.34	59.55	60.20	60.50	60.35	60.30	60.04
58.01	57.47	**57.24**	57.38	57.82	58.11	58.56	59.02	59.38	59.46	59.30	59.10	58.65

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
30	31	**31.9**	28	27	25.4	24.6	24.2	24.2	24	23.8	23.2	25.9
29.5	29.6	**30.6**	28.7	27.5	26.2	25.8	24.6	24.1	23.8	23.5	23.3	25.5
31	30	28.1	25.7	25	24.5	24.7	24.3	24.1	23.8	23.6	23.5	25.5
28.3	28.5	**28.7**	28	26.8	25.8	25.3	25.2	25	24.5	24.3	24.1	25.2
30	28.8	29.9	29.4	27.7	25.8	25.5	24.9	25.3	24.9	23.9	23.9	26.1
25.8	**26.5**	26.3	26.3	25.7	24.7	24	23.9	23.8	23.7	23.2	23.1	24.3
24.5	25	25.2	24.7	23.7	23.8	23.8	23.7	23.7	23.4	23.5	23.5	24.1
26.9	26.5	25.7	24.5	24.1	23.5	23.2	23.1	22.7	**22.5**	22.6	23	24.3
27	27.2	27.9	27.2	26.9	25.6	25.2	25.3	25.3	24.7	24.4	24.3	25.2
31.1	**31.7**	31.3	31.2	28.7	26.6	26.2	25.3	25.3	25.2	24.9	24.6	**26.8**
30.7	30.2	**31.5**	26.4	27	25.9	25.7	25.5	25	24.8	24.1	23.9	26.2
29.1	29.1	28.8	28.7	27	25.9	24.9	24	24.4	24.1	23.2	**22.8**	25.9
29.5	30.1	29.7	**30.5**	28.2	26.3	25.4	24.7	24.5	24	23.5	23.2	25.7
30.5	**30.5**	29.7	28.5	27.5	26	25.4	24.5	24	23.6	23	23	25.6
30	29.8	30.1	29.2	28	26.3	26.4	25.8	25.1	24.6	24.2	23.9	26.2
29.2	28.7	29.5	28.7	27.6	26.2	25.4	25.6	25.1	25.5	24.9	24.1	26.3
28.6	28.4	27.7	27	26	25	24.8	24.5	24.2	24.1	24	23.5	25.3
28.3	26.3	26.4	27	25.6	24.4	24.3	24.2	24.3	24.3	24.2	24.2	25.3
25.9	27.9	27.4	27	26.4	25.6	25.3	25	24.3	24.4	24	23.7	25.6
24.4	25	25.8	26	25.4	24.4	24	24.1	24.1	24	23.9	24	24.6
28	**28.2**	28.1	28	26.6	24.9	24.2	23.9	23.6	23.3	**23.1**	23.2	25
27.4	27.3	**27.6**	26.7	26.2	25.4	25.2	25.3	24.9	24.8	24.8	24.3	24.4
26.6	26.1	25.4	25.2	24.7	23.9	24	23.9	23.8	23.6	23.6	23.7	24.5
30	**30.8**	30.3	27.5	27.2	25.1	25.1	24.7	24.5	24.2	24	23.9	25.8
23.5	24.1	24.2	24	24	23.7	23.6	23.3	23.1	23.1	23.2	**22.9**	**23.7**
28.8	27	26.9	27.7	26.9	25.6	25.1	24.4	23.9	23.5	23.2	23.1	24.8
29.9	28	26.1	27	26.1	25.1	25.1	25.1	24.8	24.9	24.8	24.5	25.3
28.8	29.3	**30**	28.2	27.3	26.2	25.4	25	24.7	24.5	24.3	24	25.8
29.6	**30.6**	30.5	28.7	27.8	26.1	25.3	25	24.7	24.7	24.4	24	26.2
29.2	30	**30.5**	29.6	28.2	26.6	26.3	25.6	25.2	24.8	24.8	24.8	26
28.4	**28.4**	**28.4**	27.5	26.6	25.4	25	24.6	24.4	24.2	23.9	23.7	25.4

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	91	92	93	94	95	96	88	79	82	71.5	68	76
2	97	96	97	98	96.5	97	95	90	78	80	82	75
3	97	97	96	96	96	95	85	81	81	73	68	65
4	97	97	97	96	95	95	91	92	90	85	90	84
5	96	97	95	96	96	95	91	88	83.5	77	70	64
6	97	97	98	98	98	97	95	92	93	93	95	88
7	98	98	97	97	96	97	95	84	85	89	95	97
8	97	97	97	96	96	97	94	91	82	81	78	83
9	97	97	97	97	97	97	97	91	77	69	75	76
10	95	95	95	95	95	96	93	88	75	75	74	70
11	95	96	97	97	97	97	97	82	76	78	77	71
12	98	99	98	98	97	97	91	81.5	70	69	66	66.5
13	87	94	92	96	96	96	91	75	74	69	69	68
14	93	95	95	96	96	96	92	83	72	71	71	68
15	92	92	95	93	96	96	91	81	73	70.5	70	66
16	91	91	91	91	93	91	86	76	68	65	64	62
17	90	93	95	95	91	90	85	80	79	82	69	68
18	94	95	92	93	92	94	91	85	73	69	71	69
19	96	97	97	97	97	97	92	79	75	73	77	74
20	98	99	99	98	97	98	97	93	87	79	92	94
21	91	94	95	97	97	97	94	94	87	79	82	78
22	93	96	96	98	98	97	96	91	92	95	94	87
23	93	91	94	95	96	94	94	94	85	83	86	87
24	98	98	97	97	97	97	95	88	75	77	67	71
25	97	98	97	97	97	97	97	97	94	88	91	99
26	98	97	98	98	97	97	97	96	89	86	80	79
27	97	97	97	96	96	98	96	83	75	72	73	71
28	95	95	95	97	97	98	94	92	85	83	81	73
29	97	96	95	95	97	97	95	83	75	76	74	72
30	96	96	97	97	98	98	97	85	78	76	76	77
Mean	95	95.7	95.8	96.1	96.1	96.1	93.1	86.5	80.3	77.8	77.5	76

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	19.8	19.6	19.5	19.5	19.4	19.4	19.9	20.5	21.7	21.5	22.2	22.8
2	20.3	20.1	19.8	19.8	19.5	19.9	20.3	20.4	20.9	21.5	21.9	22.1
3	20.2	20	19.6	19.4	19.2	19.2	19.5	20.2	21.6	21.3	22.1	22.1
4	20.5	20.3	20.3	20.1	20.1	19.9	20.3	21	21	21.3	21.2	21.8
5	20.9	20.6	20.3	20.2	20.3	20	20	20.7	22.4	22.2	22.4	21.5
6	21.1	21.1	20.6	20.4	20.5	20.6	20.6	21.1	21.4	21.3	21.6	21.6
7	20.6	20.8	20.8	20.5	20.4	20.6	20.6	20.4	21.4	22.2	21.9	22
8	20.7	20.4	20.3	19.9	19.9	20	20.3	20.8	20.7	21.6	21.9	22.3
9	19.9	19.9	20	20	20.2	20.2	20.4	21	20.6	19.9	19.6	20.1
10	21	20.8	20.8	20.6	20.6	20.6	20.8	21.6	22	22.4	22.8	22.6
11	21.1	21.1	21	20.7	20.7	20.4	21.2	22.2	22.7	22.9	22.1	22
12	21.5	21.7	21.8	21.6	21.5	21.4	20.6	20.3	20.5	20.2	19.3	20.5
13	18.7	19	18.4	18.4	18.3	18	18.6	19.3	20.1	20.1	21.1	20.4
14	19.3	19.2	18.9	18.8	18.6	18.5	19.5	20.1	20.5	21.6	21.7	21.1
15	19.4	19.6	19.8	19.5	19.2	19	19.9	21.6	20.5	21.7	22.1	21.1
16	19.8	19.9	20.1	19.8	19.8	19.5	19.1	19.5	19.5	20.5	20.6	19.9
17	19.9	20.2	20.5	20.3	19.7	19.5	19	19.2	19.9	20.6	18.7	18.6
18	20.1	19.9	20.1	20.4	20.6	20.5	20.6	20.3	20	20.4	20.1	20.2
19	21.5	20.9	20.8	20.8	20.6	20.7	21.3	21.2	21.7	21.9	22	21.8
20	21.5	21.4	21.4	21.8	21.7	21.8	21.8	22.2	21.7	21.3	21.6	21.3
21	20.6	20.6	20.5	20.5	20.5	20.7	20.5	21.1	20.2	20.6	20.8	21.2
22	19.3	19.1	19.2	19.2	18.9	18.9	19.6	19.5	20.3	20.3	20.8	21.2
23	20.2	20	20.2	20	19.9	19.8	20.1	21.2	21.3	22.1	21.9	22.7
24	21	20.8	20.4	20.5	20.4	20.3	20.5	20.6	20.2	21.1	21.2	21.1
25	21.2	20.9	20.7	20.8	20.8	20.7	20.8	21	21.1	21.2	21.1	21.2
26	20.3	20.1	19.9	20	20	20	19.9	20.6	21.2	22.2	21.5	21.9
27	20.3	20.3	19.6	19.1	19	19.1	19.3	20.4	20.3	20.7	21.1	21.1
28	21.6	21.3	20.9	20.7	20.7	20.8	20.7	21.7	21.6	22.3	22.7	22.7
29	21.3	20.9	20.9	20.4	20.3	20	20.4	21.5	21.8	22.4	22	21.9
30	21.1	20.6	20.6	20.2	20	19.8	20.2	21	20.8	21.7	22	21.9
Mean	20.5	20.4	20.3	20.1	20	20	20.2	20.7	21	21.4	21.4	21.4

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
70	71	64	82	82	92	94	97	96	96	94	97	85.9
71	70	67	78	85	90	86	92	94	95	95	96	87.5
65	69	80	91	92	96	92	95	96	95	96	96	87.2
77	78	80	85	87	91	94	94	94	96	94	94	90.5
72	77	68	71	78	90	88	92	87	87	97	96	85.5
89	86	88	87	93	96	98	99	99	98	99	99	94.7
97	95	92.5	96	98	98	97	98	97	98	97	97	95.4
84	87	88	91.5	94	96	98	97	98	98	98	97	92.3
78	79	78	82	80	87	88	87	87	92	93	93	87.1
65.5	60	61	63	78	86	86	93	91	91	93	92	83.6
69	71	68	91	90	94	94	95	95	96	97	99	88.3
70	74	73	73	83	82	88	93	89	87	92	94	84.5
68.5	63	63	59	71	80	81	86	87	89	92	93	80.8
67	68	69	76	74	78	81	86	89	90.5	95	94	83.1
66	67	71	74	77	86	86	84	88	90	91	91	82.8
68	66	64	67	69	76	80	78	83	81	85	88	78.1
64	66	68.5	70	79	85	87	87	90	91	90	90	82.7
72	86	85	80.5	92	96	97	97	96	95	96	97	87.8
93	85	85	87	89	93	92	92	97	97	98	99	89.9
95	92	88	89	90	93	96	95	94	95	96	95	93.7
76	74	77	68	74	83	87	90	91	92	94	92	86.8
81	78	78	83	88	92	92	88	91	90	87	91	90.5
88	91	93	95	97	99	98	99	98	98	98	97	93.5
65	63	61	81	79	91	91	92	93	95	96	95	85.8
98	96	98	98	98	98	98	99	99	99	98	98	96.9
75.5	83	84	81	85	90	91	94	97	96	97	97	90.9
67	77	88	84	92	96	95	95	97	95	95	96	88.7
76	72	72	81	84	89.5	92	93	93	94	95	97	88.5
73	70	70	80	81	86	93	95	95	94	95	97	86.7
73	71	70	73	79.5	83	84	88	89	92	92	92	85.7
75.8	76.2	76.4	80.6	84.6	89.8	90.8	92.3	93	93.4	94.5	95	87.8

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
22.1	23.6	22.6	23.1	21.7	22.1	21.6	21.7	21.5	21.2	20.6	20.6	21.2
21.7	21.5	21.7	22.9	23.2	22.8	21.2	21.1	21	20.8	20.4	20.3	21
21.6	21.7	22.6	22.3	21.6	21.9	21.2	21.4	21.4	20.8	20.7	20.6	20.9
21.9	22.6	23.3	23.8	22.8	22.4	22.6	22.4	22.1	21.9	21.2	21	21.5
22.7	22.6	21.3	21.6	21.5	22.3	21.4	21.4	20.8	20.5	21.3	21.1	21.2
22	22.2	22.3	22.1	22.7	22.2	21.8	21.9	21.7	21.4	20.9	20.8	21.4
22	22.4	22	22.2	21.4	21.5	21.3	21.4	21	21	20.7	20.7	21.2
22.1	22.4	21.7	20.9	21	20.6	20.8	20.3	20.1	19.9	20	20.2	20.8
20.7	21.2	21.8	21.9	20.9	21.2	21.1	20.8	20.8	21.2	21.2	21	20.6
22	21	20.6	21.3	22.7	22.2	21.8	22.2	21.8	21.6	21.8	21.2	21.5
22.7	22.8	23.4	23.3	23.7	23.4	23.1	23	22.4	22.3	21.7	21.9	22.2
21	22	21.6	21.3	21.9	20.4	20.6	20.7	20.2	19.5	19.5	19.3	20.8
20.9	20	19.6	19.1	20.2	20.4	19.6	19.8	19.8	19.7	19.8	19.7	19.5
21.8	21.9	21.2	22	20.2	19.4	19.6	19.6	19.7	19.6	19.8	19.6	20.1
20.9	20.7	22.6	22.3	21.7	21.9	21.9	20.7	20.7	20.7	20.3	20.1	20.7
20.3	19.3	19.6	19.7	19	19.1	19.4	18.9	19.6	19.7	19.9	19.6	19.7
18.6	18.9	18.9	18.4	19.8	20	20.2	19.8	20.2	20.4	19.9	19.5	19.6
20.7	21.9	21.7	21.3	22.4	21.7	21.8	21.8	21.6	21.4	21.5	21.7	20.9
23	23.8	23	23.1	22.7	22.8	21.9	21.6	21.8	21.9	21.8	21.6	21.8
21.6	21.7	21.6	22.1	21.7	21.2	21.2	21.1	21	21	21.1	21	21.5
21.3	21.2	21.6	18.9	19.1	19.3	19.6	19.8	19.8	19.6	19.7	19.5	20.3
21.8	21.1	21.3	21.5	22.2	22.1	21.8	21.2	21.2	20.9	20.3	20.5	20.5
22.7	22.9	22.5	22.6	22.5	21.9	21.8	21.9	21.5	21.3	21.3	21.2	21.4
20.5	20.8	19.6	22.2	21.2	21.5	21.5	21.2	21.3	21.3	21.2	20.9	20.9
21.1	21.4	22.1	21.8	21.8	21.4	21.3	21.1	20.8	20.8	20.8	20.4	21.1
22.2	22.1	22.1	22.3	22.4	22	21.5	21.3	21.3	20.6	20.6	20.5	21.1
20.9	21.7	22.1	22.3	23	22.7	22.5	22.5	22.5	22.2	22.1	21.9	21.1
22.4	21.9	22.7	23	22.7	22.6	22.1	22	21.5	21.5	21.4	21.4	21.8
22.5	23	22.6	23.3	22.4	21.7	22.2	22.4	21.9	21.8	21.6	21.4	21.7
21.9	22.3	22.6	22.5	22.5	21.4	21.3	21.4	21.2	21.5	21.5	21.5	21.3
21.6	21.8	21.7	21.8	21.8	21.5	21.3	21.2	21.1	20.9	20.8	20.7	21

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.-S.	Cu.-N. ENE	Ci.-S.	Cu.-N. ENE	Ci.-Cu.	Cu.-N.	Ci.-Cu.	Cu.-N. ENE	Ci.-Cu.	Cu.-N. * E
2	----------	S.-Cu. E	A.-Cu. ENE	Cu. ENE	Ci.-S.	Cu.	----------	M.-Cu. E	Ci.-S.	Cu.
3	Ci.-Cu.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu. E	Ci.-S. ESE	Cu. E	Ci.	Cu. E
4	----------	Cu.-N. E	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. E	Ci.-S.	S.-Cu.
5	Ci.-S. SE	Cu.-N. E	Ci.-S.	N. E	Ci.-S.	Cu.-N.	Ci.	Cu.-N. E	Ci.-S.	Cu.-N. E
6	----------	N. E	----------	N.	----------	N.	----------	N. E	Ci.-S.	Cu.-N.
7	Ci.-S.	S.-Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu.-N. E	----------	N. E	----------	N. E
8	A.-Cu.	Cu.-N. E	A.-Cu.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu.-N. E
9	Ci.-Cu.	S.-Cu. E	A.-Cu.	Cu.-N. ENE	A.-Cu.	Cu.-N. ENE	----------	Cu.-N. E	----------	Cu.-N. E
10	Ci.-S.	Cu.	A.-Cu. E	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.-S.	Cu. E
11	Ci. N	Cu.	Ci.-Cu.	Cu.	A.-Cu.	Cu. NEbyE	Ci.	Cu. NEbyE	Ci.	Cu.
12	A.-Cu. NE	S.-Cu. NE	A.-Cu. NE	Cu. NE	A.-Cu. NE	Cu. NE	A.-Cu. NE	S.-Cu. NE	A.-Cu.	S.-Cu. NE
13	Ci. SEbyS	Cu.	Ci.	Cu.	Ci.	Cu. NE	Ci.	Cu. NE	Ci.	Cu. NE
14	Ci. SE	Cu.	Ci.	Cu.	Ci.	Cu. NEbyN	Ci.	Cu. NE	Ci.	Cu. NEbyE
15	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.	Cu.	Ci.-S.	Cu. ENE	----------	Cu. ENE
16	Ci.	Cu.	Ci.	Cu.	----------	Cu. E	----------	Cu. NE	----------	Cu.-N. NE
17	----------	S.-Cu. NE	----------	N.-cf. NE	----------	N.-cf. NE	----------	N.-cf. NE	A.-Cu.	Cu.
18	----------	Cu. E	Ci.-S.	Cu. E	A.-Cu.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E
19	----------	Cu.	----------	Cu. ENE	----------	Cu. ENE	----------	N.-cf. ENE	----------	Cu.-N. ENE
20	Ci.-S. SE	S.-Cu. ESE	Ci.-S.	S.-Cu. SEbyE	Ci.-S.	N. ESE	----------	N. ESE	----------	N. E
21	----------	N.	----------	N.	----------	Cu. E	Ci.-S.	Cu.	Ci.-S.	Cu.
22	A.-Cu.	N.-cf. E	----------	N. E	----------	N.	Ci.-Cu.	N.	Ci.-S.	N.
23	----------	Fr.-N.	A.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE	----------	N.-cf. NE	----------	N.
24	A.-Cu. SEbyE	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu. NE	Ci.-Cu.	Cu. NE	Ci.	Cu.-N. ENE
25	----------	N. NNE	Ci.-S.	Cu.-N. NNE	Ci.-S.	Cu.-N. NNE	----------	N. NNE	----------	N.
26	A.-Cu.	S.-Cu. NNE	A.-Cu. SSE	S.-Cu. NE	A.-Cu.	S.-Cu. NE	Ci.	Cu. NE	A.-Cu.	Cu.-N. ENE
27	Ci.	Cu.	Ci.-S.	Cu.	A.-Cu.	Cu. E	Ci.-S.	Cu. E	A -Cu.	Cu. E
28	A.-Cu. ESE	Cu.	A.-Cu. ESE	Cu.	A.-Cu.	S.-Cu. NE	A.-Cu.	S.-Cu. NE	A.-Cu. SE	Cu. NE
29	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu.
30	Ci.	Cu	Ci.	Cu.	----------	Cu.	----------	Cu.	----------	Cu.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	----------	Cu.-N. E	----------	Cu. E	----------	Cu. E	----------	Cu.	Ci.-S.	Cu.
2	Ci.-S.	Cu. E	Ci.-S. SE	Cu. E	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N.	Ci.-S.	Cu.
3	Ci.	Cu.-N. E	Ci.-S.	Cu. ENE	----------	N.	----------	N.	----------	N. E
4	Ci.-S. SE	S.-Cu. E	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu. E	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu. ENE
5	Ci.	Cu.-N. E	----------	Cu. E	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
6	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.	Ci.-S.	N.
7	----------	N. E	Ci.-S.	N.	----------	N. E	----------	N. E	----------	N.
8	Ci.-S.	Cu.-N. E	----------	S.-Cu. E	----------	N.	----------	N.	----------	N.
9	----------	Cu.-N. E	----------	Cu.-N. E	----------	N.-cf. EbyN	----------	N.-cf. ENE	----------	N.-cf. ENE
10	Ci.-S.	Cu. E	Ci.-S.	Cu.	Ci.-S.	Cu. E	Ci.	Cu.	Ci.-S.	Cu. E
11	Ci.	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.-N. ENE	----------	Cu.-N. ENE	A.-Cu.	S.-Cu.
12	A.-Cu.	N.-cf. NE	Ci.-S.	Cu. ENE	Ci.-S.	Cu.-N.	Ci.	Cu.	Ci.	Cu.
13	Ci.	Cu. NE	----------	Cu. EbyN	----------	Cu.	----------	Cu. E	----------	Cu. E
14	Ci.	Cu. NE	----------	Cu.-N. ENE	Ci.	Cu. ENE	Ci.	Cu. ENE	Ci.-S.	Cu.
15	----------	Cu. ENE	Ci.	Cu. NE	Ci.	Cu. NE	Ci.	Cu. NE	Ci.	Cu. NE
16	----------	Cu.-N. NE	----------	Cu.-N. NE	Ci.-S.	Cu.-N. NE	Ci.-S.	Cu.-N. NE	Ci.-Cu.	Cu.-N. NE
17	A.-Cu. ENE	S.-Cu. NE	A.-Cu. ENE	S.-Cu. NE	A.-Cu.	S.-Cu. NE	----------	S.-Cu. NE	----------	N. NE
18	----------	Cu. EbyN	----------	N. E	----------	Cu.-N. E	Ci.-S.	S.-Cu. E	----------	S.-Cu.
19	----------	N.	A.-Cu.	Cu.-N. E	A.-Cu.	Cu.-N. E	Ci.-S.	N.-cf. E	Ci.-S.	N.-cf.
20	----------	N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	N.
21	----------	Cu. ENE	A.-Cu.	Cu. EbyN	Ci.-Cu.	Cu. EbyN	Ci.-S.	Cu. ENE	A.-Cu. ENE	S.-Cu. ENE
22	Ci.-S.	Cu.-N.	----------	Cu. ENE	----------	Cu. ENE	A.-Cu.	Cu. E	A.-Cu.	N.-cf. E
23	----------	Cu.-N.	----------	N. ENE	A.-Cu.	N. ENE	----------	N. ENE	----------	N. ENE
24	Ci.-Cu.	S.-Cu. ENE	Ci. NE	Cu. ENE	----------	Cu. E	----------	Cu. E	----------	N.-cf.
25	A.-Cu.	N. N	----------	N. N	----------	N. N	----------	N. N	----------	N.
26	Ci.-S.	Cu.-N.	----------	Cu.-N. E	Ci.	Cu. E	----------	Cu. E	----------	N.
27	----------	Cu.	Ci.	Cu.-N. NNE	Ci.-Cu.	Cu.-N. E	A.-Cu.	Cu.-N. E	Ci.-Cu.	Cu.-N.
28	A.-Cu.	Cu.-N.	Ci.	Cu.-N.	----------	Cu.-N. ENE	Ci.	Cu. E	Ci.	Cu.
29	Ci.	Cu.-N.	Ci.	Cu.-N. E	Ci.-S.	Cu.	Ci.-S.	Cu.-N. E	Ci.-S.	S.-Cu. E
30	Ci.	Cu.	Ci.	Cu. ENE	Ci.	Cu.-N.	Ci.	Cu.-N.	Ci.-Cu.	Cu.-N.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	NE 1	Calm	Calm	Calm	NE 1	EbyN 0.5	Calm	NNE 2	NNE 0.5	EbyN 0.5	SE 0.5	WSW 1
2	ENE 1	Calm	Calm	Calm	Calm	Calm	Calm	NE 1	ENE 2.5	NE 1	Calm	SW .5
3	Calm	Calm	Calm	NE 0.5	NNE 1	NNE .5	NNE 1.5	NbyW 1.5	NNE .5	Calm	NE .5	ENE 1
4	NNE .5	Calm	NNE 0.5	Calm	NNE 1.5	NE 1.5	NE 2.5	NNE 1	Calm	NE 2	NNE 3.5	NNE 3
5	Calm	Calm	Calm	Calm	Calm	N 1	NbyE 1	NE 1.5	NNE 1.5	NE 1.5	NE 1	NE 1
6	Calm	Calm	Calm	Calm	Calm	NbyE .5	NbyW 2	N 1.5	Calm	Calm	Calm	Calm
7	Calm	Calm	NNE .5	NNE .5	NNE 1	ESE .5	Calm	Calm	Calm	Calm	Calm	Calm
8	Calm	Calm	Calm	Calm	Calm	Calm	N 1.5	Calm	NE .5	Calm	Calm	NE 2.5
9	NW 1.5	NW 1	NW .5	Calm	NW .5	Calm	Calm	Calm	Calm	NbyW 3.5	NNE 2	NbyE 3
10	N 1.5	Calm	Calm	N 2	N 2	NNE 2	NE 1	NE 1	Calm	WSW 2.5	WbyS 2.5	WbyN 2
11	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WNW .5	WSW 2	WSW 3	W 2	WSW 3
12	Calm	Calm	Calm	Calm	Calm	Calm	NbyE 2	NNE 2	NNE 3.5	NbyE 1.5	NE 2	N 5.5
13	NW 1.5	NW .5	N 1	Calm	Calm	Calm	NNE 1	NNE .5	N .5	NNE 1	NE .5	W 2
14	Calm	Calm	Calm	Calm	Calm	Calm	NNE 2	NE 1	NE 2	WNW 2	NbyW 3	NWbyN 5.5
15	NW 1.5	NNW 1.5	Calm	Calm	Calm	Calm	NNE 1	Calm	N .5	N 1	NE .5	WNW 1.5
16	Calm	Calm	Calm	Calm	Calm	Calm	NNE 1	N 1	N 1.5	NE 1	S 1	SW 1
17	Calm	Calm	Calm	Calm	NNE 1.5	Calm	NEbyN 1	NE 2	NE 2	Calm	NNE 6.5	NNE 5.5
18	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NNE 1	NNE 1.5	NNW 1	W 1.5	W 2.5
19	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SE .5	Calm	SE 1	Calm	NE 1
20	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SSE 1	Calm	Calm	Calm	NE 1
21	Calm	Calm	Calm	NE .5	NNE 1	Calm	Calm	Calm	N .5	N 1.5	NW .5	NW 1
22	Calm	Calm	Calm	Calm	Calm	Calm	Calm	ENE 1	E 1	Calm	NE .5	Calm
23	NNE 1	N .5	NE 1	Calm	N 1	NNE 1.5	NNE 2.5	NW 1.5	NNW 1.5	NW 2	NW 1	Calm
24	N 1	N 1.5	NNW 2.5	NNW 1	N 1	NNE .5	Calm	NbyW 4.5	NNE 4.5	NE 1	Calm	WSW 2.5
25	Calm	Calm	NNE 1	NNW 2.5	NNW 2	NNE 4.5	NNW 3.5	NNW 3.5	NNW 5.5	NNE 2.5	NNW 4	NNW 2
26	NNE 1	Calm	Calm	Calm	NNW 1.5	Calm	Calm	NEbyN .5	Calm	Calm	WNW 1	WNW 1.5
27	Calm	NNW 1	N .5	N .5	Calm	Calm	Calm	Calm	SW .5	SSW 1.5	SW 1.5	WSW 2.5
28	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NEbyN 1	Calm	SSW .5	WSW 3
29	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SSW 1	W 3	W 2	WbyS 3
30	Calm	N .5	N .5	N .5	Calm	Calm	Calm	Calm	W .5	W 1	SW 1.5	SW 1.5
Mean	0.4	0.2	0.3	0.3	0.5	0.4	0.8	1	1.2	1.2	1.3	2

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	NW 6	SW 1.5	WSW 1.5	ENE 2	ENE 1	Calm	Calm	Calm	NE 1.5	NE 1.5	Calm	Calm	0.9
2	SSW 2	swbys 1	SSW 1.5	SE 1	Calm	E 0.5	ENE 0.5	Calm	Calm	Calm	Calm	Calm	.5
3	ENE 3	ENE 4	ESE 3.5	ESE 2.5	ENE 1.5	EbyS 1	NNE 1	NE 2.5	NNE 1	NNE 1.5	NNE 1.5	NNE 0.5	1.3
4	NNE 3.5	NNE 1	Calm	Calm	NNW 3	NNE .5	Calm	Calm	Calm	Calm	Calm	Calm	1
5	WSW 2	NE 1.5	ENE 5	EbyN 3.5	ENE 4	NE 1.5	NE 1	ENE 1.5	NE 1.5	E 3.5	E 1.5	E .5	1.5
6	Calm	NNW 1.5	Calm	Calm	Calm	SSE 2	Calm	Calm	Calm	Calm	Calm	Calm	.3
7	Calm	Calm	ENE 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.1
8	NNE 2	Calm	E 1	Calm	NNW 1	NNW 2	Calm	NW 2	NW .5	Calm	W .5	NW 1	.6
9	NNW 3	N 2	NNW 1.5	NNW .5	NNW 3	NNE 1.5	NNE 2	N 2	N 2	Calm	NNE 1	NNE 1.5	1.3
10	Calm	E 2	E 1	ESE 1.5	E 1	EbyS .5	ESE 2.5	Calm	Calm	Calm	Calm	Calm	1
11	WbyS 3	WSW 1	SW 2.5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.7
12	NE 1	E 1	NE 1	N .5	N .5	N 1.5	Calm	Calm	Calm	N 1	NNE 1	NNW 1	1
13	SW 1.5	NNE 2	N 2.5	NNE 4	NE 4	NE 2	NE 1.5	Calm	ENE 1	E .5	Calm	Calm	1.1
14	WNW 3	NE 2.5	NNE 2	Calm	NE 1.5	NE 2.5	NE 2	NE 3	ENE 1.5	E 1	NE 1	NE 1.5	1.5
15	W 2.5	WNW 4.5	WSW 3.5	SSW 1	SSW 1	Calm	ENE .5	NE .5	E 1.5	E .5	Calm	Calm	1
16	SW 1	N 1.5	NNW 1	NbyW .5	NNW .5	NNW .5	NNE .5	NW 1	Calm	SW 1	E 1	E .5	.6
17	NE 6	NE 3.5	NNE 2.5	NbyE 1	ENE .5	Calm	Calm	NE 1	Calm	Calm	Calm	WNW 1	1.4
18	WNW 3	W 2	W 1	Calm	Calm	SE 1.5	SE 1	Calm	Calm	Calm	Calm	Calm	.7
19	SE 2.5	ESE .5	NE 1.5	NE 1	NNE .5	Calm	SSE .5	SE 2	SE .5	SE 1.5	ESE 2.5	Calm	.6
20	NNE 1	N 1	N 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.2
21	W 1	W 1.5	WNW 2	NNE 5	NE 1	NE 1	NE 1	Calm	Calm	Calm	NE .5	NNW 1	.8
22	SSW 1	S 1	W 1	NW .5	Calm	Calm	Calm	NW .5	N .5	NNE 1	N 1.5	Calm	.4
23	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	N 1	N 1	.6
24	ENE 2.5	NE 2	NE 1.5	Calm	NE 1.5	Calm	Calm	NNE 1	NNE 1	N 1	N 1.5	N 1	1.4
25	NNW 4	N 1	N .5	N 1	Calm	Calm	Calm	NNE .5	NNE 1.5	Calm	NNE 1.5	NNW 1.5	1.8
26	NW 5	NW 6	N 2.5	NE 2	Calm	NW 1	NW 1	NNW .5	Calm	Calm	Calm	Calm	1
27	WSW 3	NNW 5.5	NEbyE 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	N .5	.8
28	WSW 2	WNW 3.5	WNW 3.5	NE .5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.6
29	WSW 4	W 2	NW 2.5	Calm	NE 2	NE 2	SSE 1.5	Calm	Calm	NNE 1	Calm	Calm	1
30	WSW 1.5	WbyS 1.5	SE 1.5	SE 1.5	SE .5	SEbyS 2	SSE 1.5	SE 1	SE 1.5	Calm	Calm	Calm	.8
Mean	2.3	1.9	1.7	1	0.9	0.8	0.6	0.6	0.5	0.5	0.5	0.4	0.9

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	3.5	3	3	3	6	1	1	3	1	2	7	9
2	7	4	2	2.5	3.5	4	3	4	6	3.5	2.5	3
3	2	3	4	4.5	5.5	5	5	7	5	2	5	4
4	2	1	2	2	5	6	3	3.5	4	6.5	11	15
5	0	2	1	1	1	4	6	4	5	5	5.5	5.5
6	2	2	2	2	3	3	7	5	4	0	1	.5
7	2.5	1.5	3	5	5	3.5	2	2.5	1	2	6	2
8	3.5	3	4	4	4.5	3	5	5	3.5	1	3	4
9	6	4	3	1.5	1	2	4	2	3	6	14	10
10	7	4	5.5	5	10	8	9.5	4.5	2	2.5	12.5	7
11	1	1.5	1	1	2.5	1.5	1.5	5	9	7	13	11
12	3	3	2	1	4	3	4	8	8	8	13	10
13	5	3	3	1	1	0	1	3	6	4	10	9
14	1.5	.5	1	3	1	4	6	6	5	11	11	14.5
15	6	7.5	5	2	2	1.5	2.5	1	7	6.5	8	10
16	1	1.5	.5	1	2.5	3.5	5	9	10	7	10.5	7.5
17	3.5	3	1	3.5	4	5.5	8	10	9	3	17	22
18	2.5	3	3.5	5	4	3.5	1.5	5	5	4	7	11
19	4	3	4	2.5	.5	1	1	3.5	4.5	6	9	5
20	5	2	2	1	5	3	3	4	2	1	5	4
21	3	2	4.5	4	4.5	2	1	.5	1.5	8	10	5
22	2	0	0	0	0	0	1	5	6	1	2.5	1
23	4.5	4.5	5	2.5	2	5.5	9	8.5	10	12	6.5	3.5
24	7	7	10	8	9	7	5	8	12	7	6	10.5
25	4.5	4	6.5	11	12	10.5	9.5	15.5	13.5	18	16	10
26	4	2	0	3	3	6	4	3	4	1	4.5	8.5
27	3	5	5	5	2	1.5	0	0	3.5	8	8	8
28	5	0	1	1	0	1	2	0	2.5	2.5	4	10
29	.5	0	1.5	2	1	.5	0	.5	3	6	10	11
30	3	4	4.5	4.5	4.5	1.5	1.5	1.5	5	9	10.5	9.5
Mean	3.5	2.8	3	3.1	3.6	3.4	3.7	4.6	5.4	5.4	8.3	8

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	7	9	9	8	9	9	8	7	7	8	8	3	7.7	4 30
2	9	10	9	9	9	9	9	8	9	9	8	4	8.5	1 45
3	5	8	6	9	8	8	9	9	10	10	10	10	8.5	2 35
4	10	10	10	10	10	10	10	10	10	10	10	10	10	0 20
5	7	10	10	9	9	9	10	8	8	9	9	10	9	5 15
6	10	10	10	10	10	10	10	10	10	10	10	10	10	0 00
7	10	10	10	10	10	10	10	10	10	10	10	10	10	0 00
8	9	10	10	9	9	10	10	10	10	10	10	10	9.8	0 35
9	10	10	8	9	10	10	10	10	10	10	10	10	9.8	1 10
10	10	9	6	6	7	7	8	8	7	5	7	4	7	7 55
11	5	5	5	7	6	5	6	4	8	8	8	9	6.3	7 15
12	5	8	8	9	9	9	9	8	8	5	4	4	7.2	2 55
13	4	5	6	5	7	6	7	7	4	4	4	4	5.2	8 20
14	10	8	8	8	8	9	9	8	8	9	10	10	8.8	5 30
15	10	5	6	6	7	7	7	8	6	7	8	6	6.9	8 00
16	10	6	7	8	8	9	9	10	9	9	8	7	8.3	4 00
17	10	10	10	10	10	8	9	8	9	10	10	10	9.5	0 45
18	10	9	9	9	9	9	10	10	10	10	10	10	9.6	1 50
19	10	3	7	8	10	10	10	10	10	10	10	10	9	2 55
20	10	9	10	10	10	10	10	10	10	9	10	10	9.8	0 00
21	10	10	10	8	9	10	8	9	8	7	7	5	8.4	1 30
22	10	10	10	10	10	10	9	8	8	8	8	9	9.2	1 05
23	10	10	8	8	10	10	10	10	10	10	10	10	9.7	0 35
24	9	9	8	8	7	8	8	8	9	9	10	7	8.3	4 25
25	10	10	10	10	10	10	10	10	10	10	10	10	10	0 00
26	10	10	10	10	9	10	9	10	8	9	8	10	9.4	3 20
27	3	3	4	4	7	8	6	9	9	9	9	10	6.8	6 35
28	7	9	10	10	10	9	9	5	8	8	8	5	8.2	3 20
29	5	7	7	7	7	7	5	5	7	8	8	10	6.9	7 25
30	6	3	3	2	3	3	3	5	4	4	6	6	4	8 40
Total														102 30
Mean	8.4	8.2	8.1	8.2	8.6	8.6	8.6	8.4	8.5	8.5	8.6	8.1	8.4	3 25

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon–1 p.	1–2 p.	2–3 p.	3–4 p.	4–5 p.	5–6 p.	6–7 p.	7–8 p.	8–9 p.	9–10 p.	10–11 p.	11–mdt.	Mean.
17	9.5	5.5	9	9.5	5	0.5	1	5	6	8	4	5.1
7	8	7	5	4	4	5	3	3	1	3	5	4.2
12	12	10	11	9	5.5	7	9.5	7	7	6	4	6.3
15	7	3	1	4	5	1	1	0	1	1	2	4.2
9	11	17	11	11	6	6	7	6.5	10.5	9	5	6.2
0	2	.5	0	0	1	6	3	2	2	1.5	2.5	2.2
0	1	2.5	2	1.5	0	1.5	2	.5	1	2	3.5	2.2
11	4.5	6.5	4	5.5	3	1.5	4	2.5	3	1	4	3.9
11	10	6	6	9.5	10.5	8.5	9.5	7	4.5	4	5	6.2
9	11	10	8	7	4	7.5	5.5	4	3.5	3	3.5	6.4
10	8	7	7	4	4	1	2	3.5	1.5	3.5	2.5	4.5
7	6	6	3	3	7	2	.5	1.5	2	2.5	.5	4.5
13	8	10	15	16	8	5	6	5	5	3	2	5.9
13	11.5	10	4	7	6.5	10	9.5	8	6	6	7	6.8
15.5	15	12	9.5	6	4	5	5.5	5.5	5.5	3.5	1	6.1
7	8.5	4.5	8	12	5	2	5	3	3.5	4.5	5.5	5.3
21	21	13.5	10.5	7	4.5	3.5	3.5	4	4	4.5	4	7.9
13	9	8	4	3.5	6.5	6.5	2.5	3	1	2	3	4.9
5	5	8	7	1	3	3	7	6	7	10	5	4.6
6	7.5	5.5	1.5	0	1	1	2	1.5	1.5	0	.5	2.7
6	9	7	18	12	9	3.5	2.5	2.5	1	1.5	5	5.1
4.5	7	5	7	3	3	3.5	4.5	4.5	5	5.5	5.5	3.2
1	0	1	2	1	5	1	1	0	2	2	6	4
8.5	12	8	6	5	5	2	6	4.5	6.5	5.5	6.5	7.2
12	8	7	3	0	0	2.5	6.5	6	5	4	7	8
15	17	11	10	2.5	3	6.5	5	.5	.5	1	2	4.9
8	10	10	4	2	0	0	0	0	0	2	1	3.6
11	13	12	7	.5	1.5	1.5	.5	0	1.5	2.5	0	3.3
16	13	9	5.5	6	9.5	9	2	3	3	3.5	3.5	5
10	8	6	9.5	7	6.5	7	6	6	2.5	1.5	1.5	5.4
9.8	9.1	7.6	6.6	5.3	4.5	4	4.1	3.5	3.4	3.6	3.6	5

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1		2	4	2	2		1				1	2			1		9	122.5	1.9	4.1
2			2	3	1		1			2	2						13	100	1.9	
3	1	9	3	4		3											4	152	2.2	4.6
4		9	3													1	11	102	1.1	2.8
5	1	2	8	3	4							1					5	149	2.7	.5
6	2	1						1								1	19	52	0	14.4
7		3		1		1											19	53.5	0	16.5
8	1	1	2		1								1		3	2	13	94	.8	3.7
9	4	6													4	4	6	148	1.7	4.1
10	3	1	2		3	3						1	1	1			9	153.5	3.3	
11											1	4	2	1		1	16	109	2.3	1.8
12	5	5	3		1												9	108	2.7	
13	3	5	4	1	1						1		1		2		6	142	3.7	
14	1	2	9	1	1									2		1	7	163	3.5	
15	2	1	2	1	2					2		1	1	2	1	1	8	147	3.2	
16	4	2	1		2				1		3				1	3	7	127.5	3.4	
17		5	6	1										1			11	190.5	2.6	
18		2					2						4	1		1	14	117	1.6	1.1
19		1	3			2	6	1									11	111	1	6
20	2	1	1					1									19	65	.2	20.9
21	2	2	5										2	1	2	1	9	123	1.9	
22	2	1	1	1	1				1	1			1		2		13	76.5	1.1	2.3
23	3	3	1												3	1	13	95.5	.3	18.6
24	7	4	4	1								1				2	5	172	1.8	27.1
25	3	6														9	6	192	0	80.7
26	1	1	2											2	4	2	12	117	1.6	
27	3			1						1	2	2				2	13	86	1.7	1
28			2							1		2		2			17	80	1.7	
29		1	2					1		1		1	4		1		13	119	2.2	2.8
30	3						6	1			2	1	3				8	130.5	2.9	
Total	53	76	70	20	19	9	16	5	2	8	12	16	20	13	24	32	325	3,598	55	229.2
Mean	1.8	2.5	2.3	0.7	0.6	0.3	0.5	0.2	0.1	0.3	0.4	0.5	0.7	0.4	0.8	1.1	10.8	119.9	1.8	7.6

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°C.		*Per cent.*	*mm.*	*mm.*		°C.		*Per cent.*	*mm.*
1	759.15	9.15a.	31.8	3.10p.	97	23.6	756.25	3.10p.	22	5.45a.	64	19.4
2	59.40	9.05a.	31.3	3.10p.	98	23.2	56.55	3.35p.	21.8	4.55a.	67	19.5
3	59.75	9.25p.	32.7	0.20p.	97	22.6	56.70	1.40p.	22	5.45a.	65	19.2
4	60.90	8.55a.	29.1	3.05p.	97	**23.8**	57.95	3.55p.	22.8	4.30a.	77	19.9
5	61.05	8.40a.	31.8	11.55a.	97	22.7	57.90	2.50p.	22.7	3.50a.	64	20
6	**61.85**	9.45a.	26.6	2.45p.	**99**	22.7	58.45	2.30p.	22.6	3.50a.	86	20.4
7	61	10.10a.	27.1	9.40a.	98	22.4	58.40	3.55a.	22.8	0.50a.	84	20.4
8	61.15	8.30a.	28.7	11.25a.	98	22.4	58.80	3.15p.	22.2	10.45p.	78	19.9
9	59.40	0.05a.	28.6	10.20a.	97	21.9	56.10	2.45p.	22.3	1.30a.	69	19.6
10	58.95	9.20p.	**32.9**	1.50p.	96	22.8	**55.55**	3.05p.	23.2	6.05a.	60	20.6
11	60.15	9.50p.	31.9	3.20p.	**99**	23.7	56.05	3.15p.	22.7	5.50a.	68	20.4
12	60.60	9.10p.	30.5	2.10p.	**99**	22	57.50	3.20p.	22.3	11.55p.	66	19.3
13	61.25	9.20a.	31.3	3.20p.	96	21.1	58.10	3.15p.	**20.8**	6.05a.	**59**	**18**
14	60.07	9.00a.	31.9	0.50p.	96	22	56.90	3.10p.	21.2	5.55a.	67	18.5
15	59.55	9.10a.	32	1.50p.	96	22.6	55.75	3.30p.	22	6.00a.	66	19
16	59.20	10.20p.	30.7	10.45a.	**93**	**20.6**	55.89	3.00p.	23	6.15a.	62	18.9
17	59.40	9.10a.	29.7	1.30p.	95	**20.6**	56.50	2.40p.	23	3.45a.	64	18.4
18	58.74	9.00a.	30.4	11.50a.	97	22.4	56.40	2.25p.	22.5	2.25a.	69	19.9
19	**58.60**	10.00p.	30.1	10.10a.	**99**	**23.8**	55.85	2.20p.	22.5	5.15a.	73	20.6
20	59.70	9.40p.	27.8	10.10a.	**99**	22.2	57.10	3.05a.	**23.5**	2.25a.	79	**21**
21	60.70	8.25p.	29.8	3.25p.	97	21.6	58.35	3.45p.	22.4	4.05a.	68	18.9
22	61.39	9.00a.	28.3	3.25p.	98	22.2	58.45	2.55p.	20.9	4.55a.	78	18.9
23	60.35	8.45a.	27.8	10.10a.	**99**	22.9	57.15	2.55p.	22.2	5.10a.	83	19.8
24	59.40	0.05a.	31.5	2.05p.	98	22.2	55.80	3.10p.	22.5	5.55a.	61	19.6
25	59.45	7.25p.	**25.7**	10.25a.	**99**	22.1	56.85	2.40p.	22.7	11.55p.	88	20.4
26	59.80	8.45a.	29.6	0.40p.	98	22.4	56.90	3.25p.	22.1	3.10a.	75.5	19.9
27	59.50	10.15p.	30.7	1.40p.	98	23	56.40	3.35p.	21.6	6.30a.	67	19
28	60.80	9.15a.	30.6	3.10p.	98	23	57.85	3.30p.	22.8	6.05a.	72	20.7
29	**61.85**	10.10p.	31.7	3.20p.	97	23.3	**58.86**	3.00p.	22.5	5.55a.	70	20
30	61.45	9.10a.	31.4	3.15p.	98	22.6	57.92	4.00p.	22.2	5.40a.	70	19.8
Mean	760.15	-------	30.1	-------	97.4	22.5	757.11	-------	22.3	-------	70.6	19.7

DAILY GENERAL REMARKS.

1---- ☊°, ☰° early in the morning; p 3.30 p. m.
2---- ◹° E in the morning; ◹ SE quadrant and N in the afternoon.
3---- ☊° early in the morning; ⊕ in the morning; ●° in the afternoon and evening.
4---- ● in the morning; ◹ S quadrant in the afternoon.
5---- d° in the morning; d^2 at night.
6---- ● in the morning; ●° in the afternoon.
7---- ● in the morning and afternoon.
8---- d^2 in the early morning, afternoon and evening.
9---- d in the early morning, afternoon, and at night.
10---- d^2 in the early morning.
11---- ◠ in the afternoon; p in the afternoon and at night.
12---- d° in the early morning.
13---- Cloudy weather.
14---- Convergence of Ci. toward S, ⊕° in the morning.
15---- Cloudy weather.
16---- Overcast.
17---- d° in the morning and evening.
18---- d in the afternoon.
19---- ● in the afternoon and at night.
20---- ● in the forenoon and afternoon; ☋ in the evening.
21---- d° in the morning; ☋ in the evening.
22---- ☊° in the early morning; d^2 in the morning.
23---- ●° in the morning; ● in the afternoon and at night; ☋ in the evening.
24---- ●° in the early morning, afternoon and at night.
25---- Somewhat rainy weather especially in the evening.
26---- d° in the early morning and afternoon; ◠ in the afternoon.
27---- ●° 2.40 p. m.
28---- ◹° E in the afternoon.
29---- Convergence of Ci. toward N at noon; ◹ NNE in the afternoon; ● in the evening.
30---- ◺° N quadrant in the evening.

OBSERVATIONS FOR DECEMBER, 1917.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	59.90	59.55	59.30	59.25	59.35	59.72	60.14	60.77	**61.13**	61.04	60.67	60.03
2	59.70	59.40	59.15	59.20	59.45	59.94	60.34	**60.79**	60.68	60.47	60.07	59.44
3	60	60	59.80	59.65	59.65	59.96	60.73	61.07	**61.22**	60.95	60.67	60.13
4	60.70	60.45	60.30	60.35	60.45	60.88	61.25	61.81	**62.02**	61.90	61.73	61.47
5	60.90	60.50	60.35	60.25	60.50	60.75	61.03	61.10	**61.14**	60.99	60.60	60.19
6	**60.05**	58.85	58.75	58.70	59	59.36	59.61	59.75	59.69	59.63	59.28	58.32
7	58	57.10	56.95	56.80	57.20	57.76	58.22	58.65	**58.74**	58.54	58.11	57.44
8	57.05	56.65	56.25	56.35	56.40	56.93	57.02	57.74	57.78	57.65	57.19	56.45
9	57.30	56.40	**56.30**	56.40	56.65	57.08	57.96	58.86	58.91	58.71	58.61	58.11
10	58.50	58.10	57.55	57.65	57.80	58.17	58.37	**58.96**	58.92	58.81	58.36	57.56
11	57.60	57.10	56.80	56.70	56.90	57.28	57.70	58.20	**58.49**	58.47	58.10	57.54
12	57.65	57.05	56.80	57	57.25	57.77	58.47	59.25	**59.34**	59.04	58.63	58.20
13	58.50	58.20	58	58.10	58.25	58.53	59.08	59.51	**59.79**	59.66	59.30	58.82
14	58.95	58.75	58.45	58.40	58.35	58.68	59.17	60.01	**60.07**	59.99	59.62	59.07
15	58.95	58.75	58.60	58.70	58.80	58.94	59.30	60.16	**60.36**	59.99	59.69	58.99
16	58.70	58.25	58.10	58	58	58.21	58.51	59	**59.37**	59.16	58.89	58.35
17	58.30	58.05	57.65	57.90	57.90	58	58.53	59.31	59.35	59.07	58.76	58.26
18	58.80	58.50	58.20	58.15	58.50	58.53	59.02	59.44	**60.34**	60.24	59.96	59.30
19	60	59.60	59.10	59.10	59.55	59.62	60.06	60.70	**60.98**	60.93	60.84	60.34
20	59.25	59.05	58.80	58.70	58.80	59.03	59.26	59.87	**60.46**	60.20	59.91	59.24
21	59.20	58.80	58.60	58.60	58.70	58.93	59.32	**60.08**	60.04	59.76	59.29	58.53
22	58.70	58.45	58.20	58.30	58.65	58.98	59.42	60.36	**60.50**	60.08	59.55	58.90
23	58.60	58.45	58.20	58	58.25	58.35	58.87	59.55	**59.71**	59.64	59.38	58.97
24	59.05	58.80	58.40	58.10	58.15	58.45	58.91	59.61	**59.81**	59.44	59.17	58.33
25	58	57.65	57.25	57.25	57.35	57.56	58.02	58.60	**58.85**	58.56	58.16	57.48
26	57.45	57.05	56.65	56.70	56.95	57.28	57.84	58.73	**59.05**	58.98	58.60	58.10
27	57.85	57.60	57.20	57.35	57.30	57.81	58.44	59.03	59.27	**59.32**	58.90	58.59
28	58.65	58.40	58.05	57.95	58.05	58.35	58.85	59.41	**59.65**	59.58	59.02	58.81
29	59.30	59.10	58.80	58.75	58.85	59.16	59.57	59.91	60.13	**60.20**	59.81	59.31
30	58.70	58.55	58.50	58.35	58.65	58.77	59.11	59.74	59.90	59.81	59.55	59.35
31	59.80	59.55	59.35	59.45	59.65	59.94	60.57	60.99	**61.19**	61.13	60.59	60.06
Mean	58.84	58.47	58.21	58.20	58.36	58.67	59.12	59.71	**59.90**	59.74	59.39	58.83

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24.7	23.9	23.9	23.3	23.3	**22.8**	22.9	25.1	26.5	27.7	28.5	29
2	23.6	23.7	24	23.9	23.7	**23.5**	23.6	26.7	27.3	28.5	29.4	29.5
3	24.3	23.7	24	23.5	23.3	**23**	23.3	26.7	26.9	28.8	29	29.7
4	22.8	23.9	23.6	23.4	23.4	23.5	23.4	24.2	26.2	26.6	26.9	26.2
5	23.1	22.9	22.9	23.1	22.9	**22.8**	23.1	25.7	27	29.2	30	27.4
6	23.2	23	**22.6**	22.8	22.9	23.5	24	25.5	27.4	27.9	28.2	30.1
7	24	23.6	23.4	23.4	23.2	23	23.7	25	26.7	27.2	27.2	27.9
8	**22.6**	22.9	23.2	23.1	22.7	22.7	**22.6**	24	25.8	26.9	28.3	**28.5**
9	22.6	22.5	22.4	22.5	**22.3**	22.4	22.5	22.5	22.6	22.9	23.6	24
10	22.8	22.7	22.6	22.6	22.6	**22.2**	23.3	25.5	26	27.4	27.7	27.9
11	23.3	22.8	22.6	22.5	22.1	**22**	22.5	25.5	26.7	27.4	28.5	29.9
12	22.5	22.3	22.1	21.9	21.7	**21.5**	22	25.5	27.1	27.9	27.8	27.9
13	22.5	22.4	22	21.9	21.5	**21.4**	21.5	25.1	27.1	28.1	28.7	28.7
14	22.7	22.4	22	21.9	22	**21.6**	22.1	25.4	27.7	27.9	**29.7**	29.1
15	23.4	23.1	22.8	22.2	22	**21.9**	22.6	25.1	25.9	28.6	28.5	28.9
16	24.3	23.9	24	24	23.4	23.3	23.5	24.4	25.6	26.3	**27.6**	27.5
17	23.1	23.1	22.9	22.5	**22.3**	22.5	23	24.4	26.9	27.8	29	28.9
18	23.4	23.3	22.9	**22.6**	22.7	22.8	23.3	24.7	26.8	27.2	28	29
19	23	22.9	**22.7**	**22.7**	**22.7**	22.9	22.9	23.4	24.8	27	**27.4**	26
20	23.1	23	23	22.9	22.8	**22.7**	**22.7**	23	23.8	24.4	25.3	27.1
21	22.8	22.6	22.6	22.2	22.1	**22**	22.8	24.8	28.1	28.7	27.6	28.7
22	23	23	22.2	22.1	**21.9**	22.4	22.6	24.8	27.5	28.6	**30.2**	30.1
23	22.7	22.5	22.6	22.5	22.2	**22**	22.1	24.7	27.6	27.8	**29.1**	26
24	23.1	22.8	22.5	22.4	**22.2**	22.3	22.7	24.1	26	27.5	27.4	**28.2**
25	**22.7**	**22.7**	22.8	23.3	22.9	22.8	23.3	25.3	26.5	27.2	27.7	**28.6**
26	22.9	22.8	22.5	22.6	22.9	22.7	22.8	23.5	24.8	25.6	26.7	**27**
27	22.4	23	23	22.5	**21.9**	22.4	22.7	23.5	24.4	26.1	26.8	**27.5**
28	22	21.8	21.3	21.5	21.5	21.5	21.6	23.6	25.1	26.1	**26.7**	26.2
29	21.4	21.4	21.4	21.6	21.7	**21**	21.2	23.1	25.6	26.4	26.2	26.2
30	20.8	20.8	**20.3**	**20.3**	20.8	20.7	20.9	22.8	25.3	26.9	28	27
31	20.6	20.6	20.5	20.2	20.1	**19.7**	20.5	22.5	23.3	24.9	25.9	26.9
Mean	22.9	22.8	22.6	22.5	22.4	**22.3**	22.6	24.5	26.1	27.1	27.8	27.9

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
58.98	58.02	**57.54**	57.56	58.12	58.57	59.10	59.90	60.25	60.35	60.20	60	59.56
58.64	57.93	**57.84**	58.12	58.42	59.28	59.55	59.90	60.55	60.70	60.40	60.10	59.59
59.38	58.71	**58.57**	59.01	59.36	**59.44**	**59.92**	60.45	61.15	60.80	60.70	60.80	60.09
60.99	60.31	60.13	**60.01**	60.33	60.49	60.80	61.30	61.70	61.45	61.50	61.40	**60.99**
59.45	58.87	58.55	**58.50**	58.88	59.24	59.80	60.45	60.60	60.40	60.35	60.25	60.15
57.55	56.87	**56.46**	56.87	57.07	57.29	57.84	58.40	58.40	59	58.65	58.25	58.48
56.49	55.69	55.74	**55.68**	56.24	56.66	56.98	57.35	57.65	57.60	57.50	57.30	57.27
55.78	55.34	**55.25**	55.54	56.04	56.31	56.84	57.30	57.45	57.60	**57.80**	57.20	**56.75**
57.63	56.83	56.91	57.11	57.56	58.11	58.55	58.95	58.95	**59.05**	**59.05**	58.90	57.87
56.69	56.10	**55.94**	56	56.45	57.01	57.35	57.85	58.05	58.20	58	57.95	57.68
56.50	**55.82**	55.97	56.08	56.06	56.76	57.18	57.95	58.40	58.15	57.90	57.85	57.31
57.52	56.94	**56.69**	57.05	57.20	57.50	57.83	58.15	58.50	58.65	58.60	58.60	57.90
58.04	57.57	57.43	**57.18**	57.37	57.59	58.17	58.95	59.25	59.40	59.35	59.15	58.55
58.33	57.88	57.77	**57.47**	57.65	57.62	58.44	58.70	59	59.20	59.10	59.15	58.74
58.09	57.80	**57.14**	57.23	57.63	57.98	58.30	58.60	59.25	59.35	59.15	59.05	58.78
57.33	57.09	**56.58**	57.08	57.38	57.71	57.95	58.35	58.45	58.55	58.50	58.40	58.16
57.48	56.78	**56.70**	57.04	57.29	58.04	58.74	58.90	59.20	**59.40**	**59.40**	59.20	58.30
58.42	57.94	**57.67**	57.72	58.05	58.63	**59**	59.65	60.05	60.10	60.20	60.25	59.03
59.61	58.99	58.81	**58.76**	58.79	59.45	59.74	59.95	60.05	59.90	59.60	59.35	59.74
58.54	57.85	**57.58**	57.69	58.06	58.51	58.84	59.30	59.40	59.50	59.45	59.35	59.03
57.59	**56.94**	**56.72**	57.18	57.52	57.85	58.24	58.70	59.10	59.10	59.05	58.85	58.61
58.38	57.42	**57.18**	57.20	57.27	57.56	58.29	58.90	59.45	59.25	59.20	58.95	58.71
58.16	57.46	**56.93**	57.29	57.59	58	58.50	59.15	59.50	59.65	59.40	59.30	58.62
57.36	56.70	**56.26**	56.40	56.70	57.03	57.55	57.95	58.15	58.25	58.25	58.20	58.13
56.58	55.85	**55.47**	55.53	56.06	56.49	56.85	57.25	57.65	57.70	57.60	57.60	57.31
57.30	56.85	56.46	**56.36**	56.54	56.81	57.31	57.70	57.95	57.85	57.75	57.90	57.51
58.06	57.04	**56.73**	56.76	57.12	57.44	57.90	58.45	59	59	58.95	58.90	58.08
58.32	57.64	57.31	**57.24**	57.46	57.83	58.48	59.05	59.40	59.40	59.55	59.45	58.58
58.56	57.65	57.16	**57.07**	57.54	57.77	58.16	58.75	59.05	59.10	59.05	58.95	58.82
58.91	58.31	57.60	**57.46**	57.65	58.19	58.70	59.50	59.80	**60.10**	59.95	59.95	58.96
59.27	58.82	58.16	**58.11**	58.62	59.20	59.90	60.35	60.70	60.85	60.85	60.70	59.91
58.06	57.42	**57.14**	57.24	57.55	57.95	58.41	58.91	59.23	59.28	59.19	59.07	58.62

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
29.3	30	**30.6**	29.4	27.9	25.7	25.6	25.6	25.3	24.8	24.5	23.9	26
29.7	29.9	**30.4**	29.9	27.2	26.3	25.6	25.6	25.1	24.7	25.1	24.8	**26.3**
31	31.3	**31.8**	28.4	28	25.8	24.5	24.1	23.8	23.5	23.2	23.1	26
25.8	25.2	25.9	**27**	26.5	24.6	24	23.8	23.8	23.6	23.1	**22.7**	24.6
28.8	**30.6**	28.6	29.2	27.2	25.9	25.1	24.2	24.2	23.5	23.2	23.5	25.6
30.3	**30.4**	29.5	28	27	25.2	25.1	24.8	24.4	24.1	24	24.1	25.8
29.1	**30**	28.3	28.3	26.9	25.4	24.3	23.3	22.9	22.6	22.7	**22.4**	25.2
28.4	28.3	27.4	27.2	26.1	24.3	23.4	23.4	23.1	23.1	22.8	22.7	24.7
24.3	24	**24.3**	24.2	23.8	23.3	23.1	23.1	23.1	22.9	23	22.8	23.1
28.8	29.9	**30.2**	30	26	24.6	**24**	24.1	24.1	23.9	23.5	23.2	25.2
29.6	**30.1**	29.5	25.5	24.5	24.4	24.1	24.1	24	23.4	23.1	23	25
29.1	**29.4**	28.7	28.2	26.3	24.9	24.5	23.9	23.5	23.1	23.2	22.8	24.9
29	**29.8**	29	29.1	27.5	25.7	24.7	24.2	23.9	23.6	23.2	23	25.2
29.4	29	27.1	28	27.2	25.7	**25.1**	25	24.8	24.8	24.2	23.9	25.4
29.6	27.3	29.1	28.5	25.6	25.1	24.3	24.2	24.1	24.4	24.2	24.1	25.2
26.1	25.9	26.8	26.4	25.3	24.2	23.6	**23.5**	23.3	**23**	**23**	**23**	24.7
28.2	**30.3**	26.2	26	26.5	25.7	25.3	24.8	24.4	24	24.2	23.6	**25.2**
30.3	29.4	30	28.7	27.2	26.5	25.3	24.8	24.9	24.7	24.3	23.3	25.7
25.7	25.7	26.3	25.5	24.4	23.8	23.7	23.7	23.4	22.8	23.1	22.9	24.1
27	27.7	**29.6**	27.9	26.8	25.2	24.6	24.8	24.4	23.8	23.3	22.8	24.7
29.8	29.6	29.2	27.9	26.8	25.5	25	24.4	24.2	23.9	23.6	23.4	25.3
27	28.7	27.3	26.2	25.8	25.1	24.7	24.5	24.2	23.9	23.5	23	25.1
26.1	26.7	27.7	26.8	26.2	25.5	24.9	24.9	24.6	24.2	23.9	23.4	24.9
28.2	27.5	**28.2**	28	27.1	25.3	23.8	24	23.3	22.5	22.5	22.7	24.8
28.2	**28.6**	27.8	26.6	26.5	25.3	24.9	24.4	23.1	23.4	23.6	23	25
26.4	26.4	25.3	25.6	24.7	23.9	23.3	22.5	**22.4**	22.6	22.7	**22.4**	24
26.9	27	27.4	27.3	25.7	24.1	23.8	23.2	23.1	23.1	22.9	22.6	24.3
26.7	26.4	25.6	24.7	24.6	23.3	22.5	22.9	22.3	22	21.8	**21.2**	23.5
27.1	**27.5**	26.8	26.2	25.1	24.3	24	23.8	23.3	22.2	21.7	21.4	23.8
27.3	26.5	**28.1**	27.3	26.5	24.2	22.9	22.2	21.4	21.3	20.8	20.7	23.5
27.2	26.8	**27.6**	27.2	25.8	23.6	22.9	21.9	21.4	21.1	20.8	20.5	**23**
28.1	**28.3**	28.1	27.4	26.2	24.9	24.3	24	23.7	23.4	23.2	22.9	24.8

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	91	94	93	95	95	97	97	85	82.5	79	78	76
2	95	97	95	96	97	97	98	85	83	80	76	76
3	89	92	91	95	96	97	97	83	83	76	74	72
4	96	86	90.5	93	94	90	91	90	82	78	77	82
5	93	95	94	92	92	92	92	81	77	69	64	73
6	94	93	95	95	95	90	89	81	74	70	70	63
7	94	92	92	91	93	95	90	85	79	77	79	78
8	92	90	88	88	90	89	86	77.5	72	71	63	62.5
9	97	96.5	97	96	97	96	96	97	97	97	90	87
10	97	97	98	97	97	98	97	89	85	79	76	77
11	97	98	98	98	98	98	98	88	81	80	76	68
12	98	98	98	98	99	99	99	86	80	79	80	79
13	97	97	98	97	97	98	99	86	78	71	68	71
14	97	97	98	96	96	98	97	84	74	74	69	75
15	94	96	96	98	96	96	96	89	92	75	74	73.5
16	91	93	91	91	94	93	96	92	82	80	79	79
17	96	96	95	96	96	96	94	86	76	73	71	69
18	96	96	97	97	97	97	96	92	79	77	74	70
19	96	97	97	97	96	94	97	95	89	78	77	86
20	97	97	97	97	97	97	97	95	93	91	88	79
21	93	94	94	96	96	96	93	85	71	69	79	75
22	96	94	97	97	98	96	97	87	75	72	66	67.5
23	97	96.5	96	95	95	96	97	89	73	73.5	71	86
24	96	96	96.5	96	96	95	97	93	83	75	77	70
25	94	93	92	87	90	91	88	79	73	68	66	63
26	85	85	86	86	84	85	83	80	75	72	69	67.5
27	90	83.5	82	86	88	84	83	77	73	63	62	62
28	82	82	84	82	83	81	81	70	66	62	62	64
29	86.5	86.5	87	84	81	85	85	79	70	68	69	67
30	91	90	93	92	91	91	92	83	70	64	58	63
31	85	85	86	86	86	89	86	77	78	71	67	62.5
Mean	93.3	93	93.3	93.2	93.5	93.4	93	85.3	78.9	74.6	72.5	72.4

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	21	20.7	20.5	20.1	20.1	19.9	20	20.1	21.2	21.9	22.6	22.7
2	20.5	21	21	21.1	21.2	21	21.3	22.1	22.3	23	23	23.2
3	20.1	20.1	20.3	20.4	20.3	20.2	20.5	21.5	22	22.4	22	22.3
4	19.7	19	19.6	19.9	20.1	19.5	19.5	20.2	20.6	20.2	20.4	20.6
5	19.5	19.6	19.5	19.4	19.1	19	19.4	19.8	20.3	20.7	20.2	19.7
6	19.8	19.4	19.3	19.5	19.6	19.5	19.7	19.7	20.1	19.6	19.8	20
7	20.8	19.9	19.7	19.5	19.7	19.8	19.5	20	20.5	20.6	21.2	21.8
8	18.7	18.7	18.6	18.4	18.5	18.2	17.5	17.2	17.8	18.6	18	18
9	19.7	19.5	19.6	19.4	19.5	19.4	19.4	19.7	19.8	20	19.4	19.3
10	20.1	20	20	19.8	19.8	19.5	20.5	21.7	21.3	21.4	20.9	21.5
11	20.7	20.3	20	19.9	19.4	19.3	19.9	21.3	21.1	21.7	22	21.3
12	19.9	19.6	19.4	19.2	19.1	18.9	19.5	20.9	21.2	22.2	22.2	22.2
13	19.7	19.6	19.3	19	18.5	18.6	18.9	20.4	20.7	20.1	19.8	20.6
14	19.8	19.6	19.3	18.8	19	18.8	19.2	20.2	20.5	20.6	21.5	22.4
15	20.1	20.1	19.7	19.5	19	18.7	19.5	21.1	22.8	21.9	21.4	21.7
16	20.5	20.5	20.3	20.1	20.1	19.8	20.6	21	20	20.4	21.7	21.6
17	20.1	20.1	19.6	19.4	19.1	19.4	19.6	19.4	20	20.2	21.1	20.5
18	20.4	20.3	20.2	19.8	19.8	20.1	20.3	21.2	20.6	20.6	20.9	20.8
19	19.9	20	20	19.8	19.6	19.5	20	20.3	20.7	20.7	20.9	21.5
20	20.3	20.3	20.2	20	20.1	20	19.8	19.8	20.4	20.6	21	21.1
21	19.2	19.1	19.1	19.2	19.1	19	19.2	19.8	20.1	20.2	21.5	21.8
22	19.9	19.6	19.3	19.2	19.2	19.4	19.7	20.3	20.4	20.9	21.1	21.4
23	19.8	19.5	19.5	19.2	18.8	18.8	19.2	20.6	20.1	20.4	21.4	21.5
24	20.1	19.7	19.5	19.2	19	18.9	19.8	19.5	20.7	20.4	20.9	20
25	19.2	19	19	18.5	18.7	18.8	18.7	18.9	18.7	18.3	18.2	18.4
26	17.7	17.6	17.4	17.5	17.5	17.5	17.2	17.3	17.4	17.6	17.9	17.8
27	18.2	17.4	17.1	17.4	17.3	17	17.1	16.6	16.6	15.9	16.3	17
28	16.2	16	15.8	15.6	15.8	15.5	15.6	15.2	15.6	15.7	16.1	16.2
29	16.4	16.4	16.5	16.1	15.7	15.8	16	16.5	17.1	17.5	17.4	17.1
30	16.6	16.4	16.5	16.4	16.6	16.6	16.8	17.2	16.9	16.8	16.3	16.6
31	15.4	15.4	15.4	15.1	15	15.1	15.4	15.5	16.6	16.6	16.5	16.4
Mean	19.4	19.2	19.1	18.9	18.8	18.8	19	19.5	19.8	19.9	20.1	20.2

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
72	69	**67**	69	76	86	88	88	90	90	91.5	94	85.1
75	71	**69**	72	77	82	84	85	88	91	86	88	85.1
64	64	**62**	82.5	73	80	88	90	91	93	93	**94**	84.1
88	91	85	79	82	92	95	94	93	93	95	**96**	88.9
68	**60**	67	65	73	78	82	88	87	90	93	91	81.5
62.5	63	65	70	80	90	91	90	91	94	94	94	83.1
71	64	71	**62**	65	74	81	87	89.5	91	91	93	82.7
62	**62**	68	68	76	86.5	93	92	95	**94**	**96**	**96**	81.6
86.5	91	91	92	95	97	**98**	**98**	97	**98**	97	**98**	**95.1**
73	71	**69**	**69**	88	95	97	96	95	94	**96**	97	88.6
72	69	70	85	91	92	94	94	93	96	96	96	88.6
73	**72**	76	77	84	91	93	96	95	97	95	97	89.1
70	69	74	74	77	85	90	93	94	94	95	96	86.2
73	75	83	79	85	92	93	93	93	90	93	94	87.4
70.5	80	72	77.5	91	92	97	95	95	92	93	92	88.4
84	86	80	85	89	93	96	96	96	**97**	96	96	89.8
76	**63**	88	92	89	93	93	96	95	**97**	91	96	88
66	70	69	69	77	75	81	84	83	86	86.5	94	83.7
89	90	85.5	91	94	97	97	97	97	**99**	97	98	92.9
80	77	**66.5**	77	78	88	88	86	87	90	92	93	88.6
73	75	75	82	78	85	89	90	91	92	94	95	85.8
80	76	80	88	88	92	94	93	93	94	95	96	88
86	80	78	86	89	93	93	92	93	94	94	96	89.1
73	78.5	74	77	83	84	91	89	91	96	96	95	87.4
63	**63**	65	69	68	74	75.5	79	87	84	82	85	78.3
69	70	80	81	87	90	90	**93**	**93**	90	89	91	82.5
67	66	**62**	**62**	71	81	81	82	81	79.5	79	80	76
62	63	70	76	73	79	82	79	81	84	84	**87**	**75.8**
67	**66**	71	70	70	74	75	77	80	87	87	**88**	77.5
63	70	**58**	59	66.5	77	80	81	85	85	86	86	78.1
61	65	63	62	68	78	81	87.5	89	88	90	**91**	78.4
72.2	**71.9**	72.7	75.7	80	86	88.7	89.7	90.6	91.6	91.7	93	85

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
21.9	21.8	21.7	21	21.1	21.1	21.6	21.6	21.5	20.9	20.9	20.7	21.1
23.3	22.4	22.3	22.6	20.6	20.9	20.6	20.8	20.9	21	**20.4**	20.5	**21.5**
21.5	21.7	21.6	**23.7**	20.5	**19.7**	20.1	20	19.8	20	**19.7**	**19.7**	20.8
21.6	**21.6**	21	20.9	21	21.1	21	20.6	20.4	20.1	19.9	19.6	20.3
20	19.7	19.5	19.5	19.6	19.3	19.4	19.8	19.6	19.5	19.7	19.6	19.6
20	20.2	20	19.7	21.1	21.4	**21.5**	20.9	20.6	21	20.8	21	20.2
21.2	20.1	20.3	17.8	**17.2**	17.9	18.2	18.5	18.6	18.6	18.7	18.7	19.5
17.7	17.8	18.3	18.3	19	19.5	**19.9**	19.7	**19.9**	19.7	19.7	19.6	18.6
19.5	20.3	20.5	20.7	**20.8**	20.7	20.6	20.6	20.5	20.4	20.3	20.3	20
21.6	**22.3**	22	21.7	21.9	21.8	21.4	21.4	21.1	20.7	20.6	20.6	21
22.1	21.8	21.3	20.7	20.7	21	21	21	20.7	20.4	20.1	19.9	20.7
21.8	21.8	**22.2**	22	21.3	21.2	21.3	21.1	20.4	20.5	20	20.1	20.8
20.8	21.4	21.9	**22**	21	20.9	20.8	20.9	20.7	20.3	20	19.9	20.2
22.2	22.3	22	22.1	**22.8**	22.5	22.1	22	21.7	20.9	20.9	20.7	20.9
21.7	21.5	21.6	22.4	22.1	21.9	21.8	21.3	21.1	21	20.9	20.6	21
21.1	21.4	21	**21.7**	21.4	20.9	20.7	20.6	20.3	20.2	19.9	19.9	20.7
21.6	20.3	22.2	**22.9**	22.8	22.7	22.3	22.3	21.6	21.6	20.5	20.7	20.8
21.2	21.4	**21.8**	20.2	20.6	**19.3**	19.5	19.6	19.5	19.8	19.5	20	20.3
21.9	**22.1**	21.7	22	21.3	21.2	21.2	21	20.6	20.4	20.5	20.4	20.7
21.1	21.2	20.5	**21.4**	20.5	20.8	20.3	19.9	19.7	19.7	19.6	**19.2**	20.3
22.8	**22.9**	22.6	22.7	20.5	20.7	21	20.4	20.3	20.3	20.3	20.3	20.5
21.1	**22.2**	21.5	**22.2**	21.9	21.9	21.8	21.3	20.9	20.7	20.4	19.9	20.7
21.7	20.9	21.5	**22.4**	**22.4**	**22.4**	21.8	21.6	21.4	21.1	20.7	20.4	20.7
20.8	21.4	21.2	21.7	**22.3**	20.2	20	19.7	19.4	19.4	19.4	19.4	20.1
17.8	18.2	17.9	17.9	**17.6**	17.8	17.7	18	18.3	17.9	17.8	17.8	18.3
17.7	18	19.3	19.7	**20.2**	19.8	19	18.8	18.7	18.4	18.3	18.3	18.2
17.5	17.5	16.9	16.8	17.4	18	17.8	17.3	17	16.7	16.5	16.3	17.1
16.2	16.2	17.1	**17.6**	16.8	16.7	16.7	16.5	16.3	16.5	16.3	16.3	**16.2**
17.8	17.9	**18.5**	17.8	16.7	16.6	16.7	16.8	17.1	17.2	16.9	16.7	16.9
17.1	**18**	16.3	15.8	17.1	17.2	16.6	16.2	16.2	16.1	15.7	**15.6**	16.6
16.5	17.1	**17.3**	16.6	16.8	16.9	16.8	17.1	16.9	16.4	16.4	16.4	**16.2**
20.3	20.4	20.4	**20.5**	20.2	20.1	20	19.9	19.7	19.6	19.4	19.3	19.7

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.-Cu.	Cu.	A.-Cu. S	Cu.	A.-Cu. S	Cu.	A.-Cu.	Cu.	----------	Cu.
2	Ci.-S.	Cu.	----------	Cu. SEbyS	----------	Cu. SEbyS	----------	Cu. SEbyS	----------	Cu.
3	Ci.	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E
4	A.-S.	S.-Cu.	A.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE	A.-Cu. E	S.-Cu. ENE	A.-Cu.	S.-Cu. ENE
5	----------	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E
6	A.-Cu. E	Fr.-Cu. ENE	A.-Cu. EbyN	Cu. ENE	A.-Cu.	S.-Cu. ENE	A.-Cu.	S.-Cu. ENE	A.-Cu.	Cu. ENE
7	Ci.-S.	Cu.	Ci.-S.	Cu.	----------	Cu. NE	----------	N. NE	Ci.	Cu.
8	A.-Cu.	S.-Cu. EbyN	A.-Cu.	S.-Cu. EbyN	A.-Cu.	Cu.	A.-Cu.EbyN	Cu. EbyN	A.-Cu.	Cu.-N.
9	----------	Fr.-N. E	----------	Fr.-N. E	----------	N. E	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. E
10	Ci.	Cu.	Ci.	S.-Cu NE	Ci.	Cu. NE	Ci.	Cu. NE	Ci.	Cu.
11	Ci.	Cu.	Ci.	Cu.	A.-Cu. ESE	Cu.	Ci.	Cu. E	----------	Cu.-N. E
12	Ci.	Cu.	Ci.	Cu. EbyS	Ci.	Cu.-N. EbyS	Ci.	Cu.-N. EbyS	Ci.	Cu.-N. EbyS
13	----------	Cu.	----------	Cu.	Ci.	Cu.	----------	Cu.	Ci.	Cu.
14	Ci.-Cu. ESE	Cu.	Ci.-Cu.	Cu. NEbyE	A.-Cu. ENE	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu. ENE
15	Ci.-S.	Cu. E	----------	Cu. E	----------	Cu.	----------	Cu. E	----------	Cu. E
16	----------	S.-Cu. NE	A.-Cu.	Fr.-N. ENE	Ci.-S.	Cu.-N. ENE	Ci.-S.	Cu.-N. ENE	Ci.-S.	M.-Cu.
17	Ci.-S.	Cu.	----------	Cu. ENE	Ci.-Cu.	Cu.	----------	Cu. E	----------	Cu.-N.
18	A.-Cu. ESE	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE
19	----------	N. ENE	----------	S.-Cu. E	----------	N.-cf.	----------	N.-cf.	----------	N.
20	A.-Cu.	N. NE	----------	N.	A.-Cu.	N.	Ci.	S.-Cu.	A.-Cu.	S.-Cu.
21	----------	Cu.	A.-Cu.	Cu.	A.-Cu. NE	Cu.	----------	Cu. EbyN	----------	Cu. E
22	A.-Cu. E	Cu.	A.-Cu. E	Cu.	A.-Cu.	Cu. ENE	A.-Cu. E	Cu. ENE	A.-Cu.	Cu.-N. ENE
23	A.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE	A.-Cu.	Cu.	Ci.	Cu.-N. ENE	Ci.-S.	Cu.-N.
24	A.-Cu.	S.-Cu.	A.-Cu. E	Cu.	A.-Cu. E	Cu. NE	A.-Cu. E	Cu.	A.-Cu.	Cu.-N.
25	A.-Cu. E	Cu.	A.-Cu. E	Cu.-N.	----------	N.-cf. NE	----------	Cu. NEbyE	----------	Cu. NEbyE
26	A.-Cu.	Cu.-N.	A.-cu. SE	Cu.-N. ENE	A.-Cu.	Cu. ENE	Ci.-S.	S.-Cu. ENE	Ci.-S.	S.-Cu.
27	----------	S.-Cu. E	Ci. NNE	Cu. E	----------	Cu.	A.-Cu. NE	Cu.	----------	S.-Cu. E
28	A.-Cu. SSW	Cu.	A.-Cu. SSW	S.-Cu. ENE	A.-Cu. SSW	Cu. ENE	A.-Cu.	Cu. ENE	----------	S.-Cu.
29	Ci.	S.-Cu.	A.-Cu. ENE	Cu.	A.-Cu. ENE	Cu.	A.-Cu. ENE	Cu.	----------	Cu. E
30	Ci.	S.-Cu.	Ci.-S.	Cu ENE	Ci.	Cu. ENE	Ci.-S.	Cu. NE	----------	N.-cf. ENE
31	A.-Cu. SW	Cu.	A.-Cu. SW	S.-Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu. EbyN

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.-Cu.	Cu.	Ci.-Cu.	Cu.	----------	Cu.	Ci.	Cu.	Ci.	Cu.-N.
2	Ci.	Cu.-N. E	Ci.	Cu.-N. E	----------	Cu.-N. E	----------	Cu. E	Ci.	Cu. E
8	----------	Cu. E	Ci.	Cu.-N. ENE	Ci.	Cu.-N. EbyN	Ci.	Cu. EbyN	Ci.	Cu.-N.
4	----------	N. EbyN	----------	N.	----------	N.	A.-Cu. E	Cu. E	A.-Cu. E	Cu.
5	----------	Cu.-N.	A.-Cu.	Cu. EbyN	Ci.-Cu.	Cu.-N. EbyN	Ci.-Cu.	Cu.-N. ENE	A.-Cu.	Cu.
6	A.-Cu.	Cu.-N. ENE	----------	Cu. E	----------	Cu.	----------	N.	----------	S.-Cu. E
7	----------	Cu.-N.	Ci.-Cu.	Cu.-N. NE	Ci.-Cu.	Cu. NE	Ci.	Cu. NE	Ci.	Cu. NE
8	----------	Cu. E	----------	Cu. E	----------	Cu.-N. E	A.-Cu.	Cu. E	----------	N.-cf. E
9	----------	N.	----------	N.	----------	N.	----------	N.	----------	N.
10	Ci.	Cu.	----------	Cu. ESE	----------	Cu. ESE	----------	Cu.-N.	----------	Cu.
11	A.-Cu.	Cu.	Ci.	Cu.-N. ESE	Ci.	Cu.-N.	Ci.-Cu.	Cu.-N.	Ci.-Cu.	Cu.-N.
12	Ci.	Cu.-N.	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N. E	Ci.-S.	Cu.
13	----------	Cu.-N.	A.-Cu.	Cu.-N. EbyN	A.-Cu.	Cu.-N. EbyN	A.-Cu.	Cu.-N.	A.-Cu. ESE	Cu.
14	Ci.	Cu.-N.	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.	----------	Cu.
15	----------	Cu.	A.-Cu.	Cu.-N. E	A.-Cu.	Cu.-N. E	A.-Cu.	Cu.-N. E	Ci.	Cu.
16	----------	N. E	----------	Fr.-N. ENE	----------	Cu.-N. ENE	----------	Cu. ENE	A.-Cu.	Cu.
17	A.-Cu.	Cu.-N. ENE	A.-Cu.	Cu.-N. ENE	Ci.-Cu.	N. ENE	A.-Cu.	N.	A.-Cu.	N. ENE
18	Ci.	Cu. NE	----------	Cu. E	----------	Cu. E	----------	Cu.-N. E	Ci.	Cu.
19	----------	Fr.-N. E	----------	N. NEbyN	----------	N. NE	----------	N.	----------	N.
20	----------	Cu.-N. ENE	Ci.-S.	Cu.	Ci.-S.	Cu.	----------	Cu. E	Ci.-S.	Cu.
21	----------	Cu. E	Ci.	Cu. ESE	Ci.	Cu. ESE	Ci.	Cu.-N. ESE	A.-Cu.	Cu.
22	A.-Cu.	Cu.-N. ENE	----------	Cu. ENE	----------	Cu.-N. E	----------	N.	Ci.	Cu.
23	----------	N. ENE	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE	A.-Cu.	Cu.-N.	A.-Cu.	Cu.-N. ENE
24	A.-Cu. E	Cu.	A.-Cu. ENE	Cu.	A.-Cu. ENE	Cu.	A.-Cu. ENE	Cu.	A.-Cu.	Cu.
25	----------	Cu.-N. E	A.-Cu. ESE	Cu. E	----------	Cu. E	----------	Cu.-N. E	Ci.	Cu. E
26	----------	S.-Cu. E	----------	N.	----------	S.-Cu. EbyN	A.-Cu.	Cu.	----------	N.
27	----------	Cu. E	Ci.-S.	Cu. NE	A.-Cu.	Cu. NE	Ci.-S.	Cu. NE	Ci.-S.	Cu.
28	----------	Cu. E	----------	Cu. ENE	----------	S.-Cu. ENE	----------	S.-Cu. E	A.-Cu. NE	S.-Cu. E
29	A.-Cu.	Cu. E	A.-Cu.	Cu.-N. EbyN	----------	Cu.-N. EbyN	A.-Cu.	S.-Cu. EbyN	A.-Cu.	S.-Cu. EbyN
30	----------	S.-Cu. EbyN	----------	S.-Cu. EbyN	A.-Cu.	Cu.	Ci.	Cu. E	Ci.	Cu.
31	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE	Ci.-S.	S.-Cu. EbyN

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	N 0.5	Calm	Calm	NE 1	N 1	Calm	Calm	Calm	NW 0.5	S 0.5	W 2.5	SW 1
2	Calm	Calm	Calm	Calm	Calm	E 0.5	Calm	Calm	Calm	W 2	W 1.5	W 2.5
3	NNW 1	NNW 1	NNW 0.5	NNW .5	NNW 1	NNE 2.5	NE 1.5	NE 1	E 1	S 1	W 1	SW 1
4	NNE .5	N 1.5	NNE 2	NNE 1	NNE 1	NNE .5	ENE 2.5	NE 1	Calm	NE .5	ENE 3.5	NE 1.5
5	ENE 1	Calm	NE 1	NE 1	NNE 1.5	NNE .5	NNE 1	NNE 1	NNE 2	NE 1	E 2	NNE 4
6	NE 1.5	NE 1.5	NE .5	Calm	Calm	NE 2.5	NEbyN 1	NE 1.5	NbyE 3	NE 3	NE 6	NE 5
7	Calm	N 1.5	N 2	N 2	Calm	Calm	NNW 5	NNW 4	NNW 3.5	N 4	N 3	ENE 1
8	N 1	NNE 1	N 2.5	N 2	N 2	N 2.5	NbyW 5	NbyW 3	N 3	NbyW 3	NNE 4	NNE 6.5
9	ENE 1.5	NNW .5	Calm	Calm	Calm	NE 2	NNE 3	NE 1	NNE 1	NNW 2	NNW 2.5	NNW 1
10	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WSW 1	WSW 1	WSW 1.5
11	Calm	Calm	Calm	NE 1	Calm	Calm	Calm	Calm	W .5	WSW 1	WSW 1	SW 1
12	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WNW .5	WbyS .5	WSW .5	NW 2.5
13	Calm	Calm	Calm	Calm	NNE 1	Calm	NE .5	Calm	Calm	W 2	W 2.5	W 3.5
14	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NNE .5	NEbyE 1	NNE 2	NNE .5	W 1.5
15	Calm	Calm	Calm	Calm	NE 1	Calm	Calm	NE 1	E 1	E 1	NE 1	W .5
16	NE 1.5	Calm	NE 1	ENE 1	ENE 1	NE 1	Calm	N .5	N 1.5	Calm	NE .5	Calm
17	Calm	N 1	NNE .5	Calm	NNE .5	Calm	Calm	N 2.5	N 2	N 2	NE 2	N 2.5
18	NNE 1.5	NNE 1	NE 1	NE .5	Calm	Calm	Calm	Calm	SEbyE .5	NW 3	WbyS 1.5	WSW 2.5
19	NE 1.5	NE .5	Calm	Calm	Calm	NNE .5	NE 1	Calm	NE 1	NNE 2.5	NNE 3.5	NE 1.5
20	Calm	Calm	Calm	NE 1	NNW 1	NEbyN 2	NEbyE 2.5	NEbyN 2	Calm	N 4	NNW 3.5	NNE .5
21	Calm	Calm	Calm	N 1	N 1	Calm	NE .5	NNE 1.5	NNE 1.5	N 2	NNW 1.5	NbyW 2
22	N 1	Calm	N 1	Calm	Calm	NEbyN .5	NEbyE .5	NE 2.5	NE 1	NE 1.5	E 1	NE .5
23	Calm	Calm	Calm	Calm	ENE 1	NE 1	NE 1	Calm	NE 1.5	ENE 1	SW 2.5	Calm
24	Calm	Calm	Calm	N 1	NNE 1	NNE .5	Calm	Calm	Calm	ESE .5	SW 2	SW .5
25	Calm	NNE 1	NE 2	NNE 1.5	Calm	NE .5	N 2	NNE 1.5	NNW 1.5	N 5	NNE 3	NNE 5
26	Calm	Calm	Calm	NNE 1.5	N 1	N 1.5	NbyW 3	NNW 3	NNE 2	NNE 1.5	NNW 5	NNE 1.5
27	Calm	NW 1.5	N 1.5	N 1	N 1	NNE 1	N 1	NNE 1.5	NNW 1.5	NNE 1	NNE 1	Calm
28	NW 3	NW 2	N 1.5	NNW 2.5	NNW 2	NbyW 4	NbyW 2.5	NNE 2.5	NNW 3	N 3	NNE 2	SSE 1
29	N .5	N .5	N 1	NNW 1	NNW 1.5	Calm	NEbyN .5	NNE 1	N 1	NE .5	S 1.5	W 1
30	N 1	N 1	N 1	N 1.5	NNE 1	NNE 1.5	NEbyN 2	NE 2	NbyE 4	NNE 1	Calm	SW 1
31	NNW 1.5	NNW 1.5	N 1	N 1	N 1	N 1	NNW 2	NbyW .5	NNW .5	NNW 1	WSW 1	WSW 2.5
Mean	0.6	0.5	0.6	0.7	0.7	0.8	1.2	1.1	1.3	1.7	2.1	1.8

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	SW 1.5	WSW 0.5	WSW 1.5	W 1.5	WNW 0.5	W 1.5	SW 1	SW 1	Calm	NNW 1.5	Calm	Calm	0.7
2	W 1	W 2.5	W 1	Calm	Calm	Calm	ESE 1	Calm	Calm	Calm	NNW 2.5	NNW 2	.7
3	SE 3	SE 2	ESE 5	Calm	ENE 1.5	E 1	Calm	Calm	ENE 1	ENE .5	ENE 1	Calm	1.2
4	ENE 1	ESE 2.5	E 4	E 1	E .5	Calm	Calm	NNE .5	Calm	NNE 1	NE 1	NE .5	1.1
5	NNE 4	NE 1	NNE 3	NNE 3	NNE 2	NNE 2.5	NE 2.5	NE 1.5	NE 1.5	NE 1.5	NE 1.5	ENE 1	1.7
6	NE 7.5	NNE 4	NE 6	NNE 6	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	2
7	NW .5	NE 3	ESE 1.5	NE 3.5	NE 3.5	NE 2.5	NNE 2	NNE 1	NNE .5	Calm	Calm	Calm	1.8
8	NE 3	N 4.5	N 4	N 2.5	NNE 2.5	NE 2	NE .5	Calm	Calm	NE 1	NE 2	Calm	2.4
9	NW .5	NNW 1	NNW 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.7
10	WSW 3.5	WSW 1	SW 1	SE 1	Calm	Calm	ESE 1	E 1	E 1	ESE 1	Calm	Calm	.6
11	W 1	W 2	SE 1.5	Calm	NNE 1	Calm	Calm	NE .5	Calm	Calm	Calm	Calm	.4
12	WbyN 3	WNW 1	Calm	NNE 1	ENE 1	E 1	Calm	Calm	Calm	Calm	Calm	Calm	.5
13	W 4	WbyS 4	NE 2.5	NNE .5	NE .5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.9
14	WbyS 2.5	SW 2	NE 1.5	NE 1	NE 1	Calm	Calm	Calm	Calm	NNW 1	N .5	NNE 1	.7
15	WSW 1	N 2	WNW .5	NE .5	SE .5	ESE .5	Calm	Calm	Calm	Calm	NNE 1	Calm	.5
16	ENE 1	Calm	WNW 2	Calm	Calm	NNW .5	Calm	Calm	Calm	N .5	Calm	Calm	.5
17	NNW 3	N 4	ESE 2.5	ESE .5	EbyS .5	E .5	Calm	SE .5	E .5	NE .5	N 2.5	Calm	1.2
18	SW 2	SW 1.5	SW 1	N 1.5	NE 2	NE 2	N 1	NNW 1.5	NNE 1.5	Calm	NE 2.5	NE 1	1.2
19	Calm	NE .5	ENE .5	Calm	Calm	ESE 1	ESE 2	SE 1	SE 1	SE 1	Calm	Calm	.8
20	NNE 1	NE 2	E 1.5	W 1.5	N 1.5	Calm	Calm	NNE 2	NNE 2.5	NNE .5	N 1	Calm	1.2
21	NE .5	NW 2	NW 4	NNW 3.5	NE 1.5	NE 1	Calm	Calm	N .5	Calm	Calm	Calm	1
22	NNE 4.5	W 1	NE 7	NE 2	E 1	E 1.5	Calm	E 1.5	E 1.5	NE 1	NE .5	Calm	1.3
23	NNW 1	Calm	WSW .5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.4
24	S 1	Calm	S 1.5	Calm	S 2	NNE 1.5	Calm	NNE 2	NE 1.5	Calm	Calm	Calm	.6
25	NNE 3	NbyE 3.5	N 4	NNE 3.5	N 3	N 3	N 2	N 1	Calm	NNE .5	N 1	Calm	2
26	NNE 1	N 1	N .5	Calm	Calm	NE 1	Calm	Calm	NNW .5	NW .5	NW .5	Calm	1
27	NNW .5	NNW .5	NNE 2	NE 4.5	NEbyN 1.5	N .5	NNW 2.5	Calm	NNW 1	NW 1.5	NW 1.5	NW 2	1.2
28	SW 1	NE 1.5	ENE 1	E 1	N 1	N 1	Calm	NNE 1.5	Calm	Calm	N .5	N .5	1.6
29	WSW .5	SSW 2.5	NE .5	NNE .5	NbyW 2.5	NbyW 2.5	NNE 1.5	N 2	N .5	N .5	N .5	N .5	1
30	SSW 2	SW 1	NW 1.5	NNE 3	N 2	N 1	NNE 1	NNE 1.5	NNW 1	NW 1	NW 1.5	N 1	1.4
31	SSW 1	Calm	WSW 3	NW 1	WSW 4	SE 1.5	SE 1.5	Calm	ESE .5	SE 1	SE 1	Calm	1.2
Mean	1.9	1.7	2.2	1.4	1.2	1	0.6	0.6	0.5	0.5	0.7	0.3	1.1

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	2.5	2	2.5	4.5	4	5.5	4	1	3.5	5.5	**14**	12.5
2	2.5	0	0	1	1.5	.5	0	0	2	7	**13.5**	11
3	6	6	3.5	3.5	3	3	5	1	3.5	5	10.5	9
4	1	5	6	5	5	6	9	6	3	5	8.5	**10.5**
5	5	4	3.5	5	5	7	6.5	9.5	10	5	5	10
6	4	6	6	4	3	7	7	11	12	16	18.5	19
7	1	3.5	7	10	4.5	1	8.5	12	16	13	**17**	9
8	5	5	7	9	7	11	15	13	9	10	9	12
9	6	5	2	0	1	2	5	7	8	8	**12**	6
10	1	0	0	0	2	1	.5	.5	1	6	9	**12**
11	3	.5	.5	3	3	2.5	2	1.5	3	7	8.5	6
12	0	0	0	2	2	0	1	1	1	4	8.5	11
13	2.5	3	3	3.5	3.5	3.5	3	3	3.5	7	10	**15**
14	1	1	3	4	5	2	2	4	7	7	9	12
15	3.5	3	1.5	.5	4	4.5	1.5	1.5	5.5	4	6	9
16	5	4	3.5	5	4	3.5	1.5	1.5	3	3.5	5.5	3
17	3	3	4	2.5	2	3.5	5	7.5	8.5	6.5	8.5	6
18	4	5	3	3	0	.5	.5	0	3	7	10	10.5
19	5.5	4.5	1	2	2	4.5	5.5	4	2	6	**11**	**11**
20	2	1	2	1	5	10	**12**	7	4	7	11.5	9
21	0	0	.5	0	1	.5	3	3.5	9	9	8	7
22	2	1.5	1.5	1.5	.5	1	5	6	10	5	5	5.5
23	1	1	1	1	2.5	4.5	.5	.5	3.5	3.5	**10**	5.5
24	0	2	0	1.5	1.5	2.5	0	0	.5	1	**6.5**	**6.5**
25	0	1	2	5.5	2.5	1	3	6	12	11	17	14
26	1	1	3	3	4	6	6	9	11	12	**14**	7
27	.5	5	4	5	4	4	8	6	8	6.5	5.5	2
28	8	9	6	8	8	7	10	9	**12**	10	8	6.5
29	3	3	1.5	4.5	4.5	4.5	6	7	6	3	5	8
30	4	4	3.5	4.5	5	4	4	7	8	7	3	6.5
31	6	6	6	6	5	5	5.5	5.5	7	4	5.5	5.5
Mean	2.9	3.1	2.8	3.5	3.4	3.8	4.7	4.9	6.6	6.8	**9.5**	9

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	5	3	6	6	6	4	4	2	3	3	4	4	**4.2**	7 35
2	4	3	5	4	4	3	4	4	6	7	8	7	4.9	8 00
3	4	2	6	4	4	5	4	4	7	5	4	3	4.3	7 35
4	9	10	8	9	9	10	10	10	10	8	8	9	9.2	0 30
5	3	2	9	4	6	6	9	5	5	6	5	2	5.2	6 40
6	5	6	6	9	8	6	6	4	4	10	9	5	6.5	5 40
7	10	9	9	8	10	8	9	7	8	8	8	5	8.2	3 40
8	10	10	10	9	8	8	9	9	9	10	10	10	9.3	0 05
9	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0 00**
10	9	6	5	5	3	4	6	5	4	7	8	4	5.5	7 10
11	4	1	3	9	8	8	4	8	10	9	8	9	6.8	4 50
12	8	4	4	6	7	7	7	8	9	9	9	6	7	5 55
13	4	3	3	3	3	4	4	7	7	4	5	4	**4.2**	**8 05**
14	5	5	7	8	7	7	7	8	9	8	7	6	7	5 35
15	5	9	9	4	8	7	7	9	7	8	6	4	6.9	5 10
16	9	10	10	10	9	10	10	10	10	10	10	10	9.8	**0 00**
17	8	10	9	7	8	9	9	9	8	9	10	10	8.8	2 05
18	8	9	8	6	8	7	6	5	7	8	7	4	6.9	5 55
19	10	10	10	9	10	10	10	10	10	10	10	10	9.9	0 05
20	10	10	10	10	10	10	10	9	9	8	9	8	9.4	2 20
21	5	3	8	7	10	8	7	7	7	9	6	3	6.7	6 55
22	4	7	8	7	7	7	9	7	9	7	5	3	6.7	5 25
23	5	6	6	6	9	8	10	8	9	10	9	9	7.9	3 25
24	7	8	8	7	9	9	9	9	9	7	7	3	7.7	1 35
25	6	5	8	10	10	10	9	8	9	9	9	10	8.6	1 00
26	10	10	10	10	10	10	10	10	10	9	10	10	9.9	**0 00**
27	10	10	10	10	9	10	9	9	9	9	8	8	9.2	0 20
28	10	9	8	9	10	10	10	10	10	10	10	10	9.7	0 45
29	6	5	7	10	10	10	9	9	10	10	10	10	8.8	2 30
30	9	6	8	6	8	9	9	10	8	8	6	4	7.6	4 05
31	8	10	10	10	10	10	10	10	9	8	9	8	9.3	0 50
Total														113 45
Mean	7.1	6.8	7.7	7.5	8	7.9	7.9	7.7	8.1	**8.2**	7.9	**6.7**	7.6	3 40

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon–1 p.	1–2 p.	2–3 p.	3–4 p.	4–5 p.	5–6 p.	6–7 p.	7–8 p.	8–9 p.	9–10 p.	10–11 p.	11–mdt.	Mean.
10.5	7.5	9	8.5	6.5	4	4	4	4.5	4.5	4.5	1	5.4
10.5	12	8.5	4.5	5	3.5	5.5	4.5	1	2.5	6	8	4.6
12	14	16	4	4	6	.5	2.5	3	2	4	3	5.4
9	6	10	6.5	5	3	3	3	4.5	7	4.5	3	5.6
14	8	9	14	16	11	8	9	6	3	4	6	7.6
21	21.5	17.5	18.5	10	3.5	1	3.5	2.5	.5	3	3.5	9.1
6	9	14	6	16	14	5	5	3	2	2	2	7.8
12	13	14	14	16	3	8.5	2	2.5	5.5	7.5	5	9
4	4	3.5	.5	0	1	.5	2.5	0	0	1	1	3.3
11	11	6	5	10	1.5	2.5	6	5	4.5	3.5	2.5	4.2
9	11	7	11	6	1.5	1.5	1.5	2.5	3	2	3	4.1
11.5	13	5.5	6.5	6	4.5	4.5	2	1.5	0	3	3	3.8
14	15	9	7	8	5	2	1	2	3	2	1	5.4
13	13.5	8.5	4.5	3.5	2	1	2.5	2.5	4.5	3.5	3.5	5
10	8	8.5	3	7.5	3	3.5	2.5	2.5	2	3.5	3	4.2
5	2	7	2.5	1	2.5	3	3	4.5	3.5	2.5	1.5	3.4
11	15	8	6	4	3	2	3	3	4	4	3	5.2
10.5	11.5	11	7	7	8	5	5.5	6.5	4.5	8	7	5.8
5.5	3.5	3	2	2	4	2	5	2	1.5	1.5	1	3.8
9.5	7	7.5	5	5.5	0	0	4.5	4.5	6.5	1.5	1.5	5.2
5	7	13	14	6	6	3	1	1	2	2	0	4.2
10.5	6.5	13.5	10	5.5	3.5	3	4	5	4	2	1	4.7
5.5	3.5	2.5	.5	.5	0	0	0	0	0	0	0	2
6	5.5	4	3	1.5	4	1.5	3	5.5	2.5	.5	0	2.5
17	17	20	14	14	12	11	5	0	2	6	0	8
10	6.5	2	1	.5	1	.5	.5	1.5	.5	.5	0	4.2
4	4	10	10	10	4	2	6	2	6	5	4	5.2
6	5	3	2.5	5	6	4	4	3	4	4	3	6.3
9	10	5	10	10	11	9	9	5	1	4	1	5.8
6.5	6	7.5	12	11	4.5	4	5	4	6	4	6	5.7
6.5	5.5	9	12	13	10	6.5	3.5	1	3.5	3.5	3	6
9.5	9.1	8.8	7.3	7	4.4	3.5	3.7	3	3.1	3.3	2.6	5.2

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	2		1						1		4	2	3	1	1	1	8	130	2.7	
2					1	1							6			2	14	110.5	2.8	
3		1	2	4	2	1	2		1		1		1			5	4	130	2.6	0.5
4	1	7	5	3	3	1											4	134.5	1.3	.3
5		11	9	2	1												1	183.5	3.3	
6		3	11														10	219.5	3.1	1.5
7	5	3	4	1		1									1	3	6	186.5	3	.3
8	12	4	5														3	215	2.4	6.6
9		2	2	1											1	6	12	80	0	14.9
10					2	2	1				1	5					13	101.5	2	4.8
11		1	2				1				1	2	3				14	99.5	2	.9
12		1		1	1							1	1	3	1		15	91.5	2.2	
13		2	3										5				14	129.5	3	
14	1	4	3	1							1		2			1	11	119.5	2.3	
15	1	1	4		2	1	1					1	1	1			11	101.5	1.7	4.6
16	3		4	3										1		1	12	81	1	.1
17	7	2	2		2	3	1									1	6	126	2	3.6
18	2	3	6				1				3	1	1		1	1	5	138	2.6	4.1
19		3	6	1		2	3										9	92	.4	21
20	3	5	4	1	1								1			2	7	124.5	1.4	1.4
21	5	2	4												2	2	9	101.5	2.4	
22	2	1	9	1	5								1				5	113	2.1	1.8
23			3	2							1	1				1	16	47	2.9	9.3
24	1	4	1			1			3		2						12	59	2	
25	8	9	2													1	4	193	3.8	
26	5	5	1												2	3	8	101.5	1.9	
27	5	5	2												4	5	3	125.5	3.4	
28	8	3	1	1	1			1			1				2	3	3	151	2.7	
29	11	3	3						1	1		1	1			2	1	140	2.8	
30	7	7	2							1	2				3	1	1	137	3.1	
31	5					1	4			1		4			1	5	3	144	2.7	
Total	94	92	131	22	21	14	14	1	6	3	17	18	26	6	19	46	244	3,906.5	71.6	75.7
Mean	3	3	3.3	0.7	0.7	0.5	0.5	0	0.2	0.1	0.5	0.6	0.8	0.2	0.6	1.5	7.9	126	2.3	2.4

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°C.		*Per cent.*	*mm.*	*mm.*		°C.		*Per cent.*	*mm.*
1	761.15	8.50a.	31	3.05p.	97	22.7	757.50	3.20p.	22.5	6.15a.	67	19.9
2	60.85	8.25a.	31.4	3.35p.	98	23.3	57.65	2.45p.	**23.2**	6.05a.	69	**20.4**
3	61.22	9.00a.	**32.1**	3.05p.	97	**23.7**	58.50	2.55p.	22.5	5.50a.	62	19.7
4	**62.15**	8.40a.	27.3	4.05p.	96	21.6	**60.01**	4.00p.	22.5	0.55a.	77	19
5	61.30	0.05a.	31.5	2.35p.	95	20.7	58.40	3.25p.	22.4	4.55a.	60	19
6	60.20	0.05a.	31	1.55p.	95	21.5	56.40	3.05p.	22.1	3.15a.	62.5	19.3
7	58.80	8.15a.	30.5	0.45p.	95	21.8	55.55	2.15p.	22	11.55p.	62	17.2
8	**57.90**	9.15a.	29.3	11.45a.	96	19.9	**55.10**	2.30p.	21.9	0.05a.	62	17.2
9	59.10	10.40p.	**24.6**	2.25p.	98	20.8	56.20	3.15a.	21.9	5.50a.	**86.5**	19.3
10	59	8.05a.	30.9	3.35p.	98	22.3	55.85	3.25p.	21.7	6.15a.	69	19.5
11	58.60	9.15a.	30.9	1.50p.	98	22.1	55.65	2.45p.	21.7	6.05a.	68	19.3
12	59.35	8.45a.	30	1.40p.	**99**	22.2	56.69	3.00p.	21.2	6.15a.	72	18.9
13	59.85	9.05a.	31.3	2.10p.	**99**	22	57.10	3.25p.	21.1	6.25a.	68	18.5
14	60.10	9.15a.	31	1.55p.	98	22.8	57.40	3.20p.	21.4	6.35a.	69	18.8
15	60.40	9.05a.	30.7	3.35p.	98	22.8	57.05	3.20p.	21.5	6.20a.	70.5	18.7
16	59.45	8.45a.	28.3	11.20a.	97	21.7	56.50	3.05p.	22.6	11.45p.	79	19.8
17	59.50	10.25p.	31.3	1.55p.	97	22.9	56.65	3.10p.	21.7	5.20a.	63	19.1
18	60.40	9.15a.	30.8	3.10p.	97	21.8	57.55	3.20p.	22.4	4.20a.	66	19.3
19	61.10	9.15a.	27.6	10.50a.	**99**	22.1	58.60	3.40p.	22.4	4.45a.	77	19.5
20	60.55	9.20a.	29.7	3.35p.	97	21.4	57.55	3.05p.	22.5	5.50a.	66.5	19.2
21	60.15	8.10a.	30.8	0.45p.	96	22.9	56.60	2.55p.	21.5	5.20a.	69	19
22	60.60	9.20a.	31	11.20a.	98	22.2	57.05	2.45p.	21.3	5.05a.	66	19.2
23	59.75	9.15a.	29.5	11.05a.	97	22.4	56.85	3.20p.	21.5	6.25a.	71	18.8
24	59.85	8.45a.	29.1	3.10p.	97	22.3	56.26	3.00p.	21.7	4.55a.	70	18.9
25	58.90	9.05a.	29.2	2.40p.	94	19.2	55.30	3.25p.	22.5	2.40a.	63	17.6
26	59.10	9.05a.	27.2	0.20p.	93	20.2	56.36	4.00p.	21.9	2.55a.	67.5	17.2
27	59.35	9.25a.	28.6	2.35p.	90	18.2	56.73	3.00p.	21	5.05a.	62	15.9
28	59.70	9.25a.	27.2	11.05a.	87	17.6	59.20	3.20p.	20.6	11.55p.	62	15.2
29	60.25	9.35a.	28.4	1.30p.	88	18.5	57.07	4.00p.	20.1	5.55a.	66	15.7
30	60.15	9.55p.	29.6	3.50p.	93	18	57.30	3.25p.	20	3.30a.	**58**	15.6
31	61.19	9.00a.	28.2	3.05p.	91	**17.3**	58	4.10p.	**19**	5.40a.	61	**15**
Mean	760		29.7		95.7	21.3	757.05		21.7		67.5	18.4

DAILY GENERAL REMARKS.

1—Coloration of clouds at sunset; ◟° NE quadrant in the evening.
2—◸° NE quadrant in the afternoon.
3—d° in the afternoon.
4—d early in the morning and in the afternoon; ◟ WSW in the evening.
5—Cloudy weather.
6—◟ SSE in the evening; d^2 at night.
7—d early in the morning and in the forenoon; convergence of Ci. toward SSE in the evening.
8—☿° early in the morning; ●° at night.
9—● in the morning; d in the afternoon.
10—◠, p in the afternoon.
11—♎ early in the morning; ◸ N quadrant, d^2 in the afternoon.
12—♎ early in the morning; ◸ NE in the afternoon.
13—♎ early in the morning; ◠ in the afternoon.
14—◸ E, d° in the afternoon; ◟ NW in the evening.
15—◸ NW and NE quadrants, $◠^2$, ● in the afternoon.
16—d° in the afternoon.
17—◸ SE quadrant, d° in the afternoon; ●° in the evening.
18—●° at night.
19—Frequent ●° especially in the afternoon.
20—● in the early morning.
21—♎ early in the morning; coloration of clouds at sunrise; ◠ 8.45 a., d° and ◠° in the afternoon.
22—d° in the morning; ◸ E, ●° in the afternoon.
23—● in the forenoon and afternoon.
24—♎ early in the morning.
25—Overcast.
26—d° in the morning and afternoon.
27—Overcast.
28—Do.
29—Do.
30—Do.
31—Do.

GENERAL SUMMARY FOR 1917.

MONTHLY AND YEARLY RESULTS OF METEOROLOGICAL OBSERVATIONS FOR 1917 AND COMPARISONS WITH THEIR NORMAL VALUES.

Month.	Atmospheric pressure.									
	Mean, 1917.	Normal, 1885–1917.	Departure.	Mean maximum.	Mean minimum.	Absolute maximum.	Day.	Absolute minimum.	Day.	Range.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*		*mm.*		*mm.*
January	760.92	761.14	−0.22	762.34	759.27	765.95	9	756.95	1	9
February	60.48	61.23	— .75	61.94	58.68	63.85	6	55.70	27	8.15
March	59.52	60.51	— .99	61.01	57.85	63.10	29	55.75	4	7.35
April	57.93	59.38	−1.45	59.48	55.92	61.45	1	54.65	12	6.80
May	58.34	58.35	— .01	59.76	56.57	61.30	18	55	3	6.30
June	57.97	57.92	+ .05	59.39	56.29	60.95	28	54.45	17	6.50
July	56.80	57.23	— .43	58.22	55.58	60.60	22	54.15	16, 17	6.45
August	57.29	57.33	— .04	58.71	55.73	61.05	23	51.70	17	9.35
September	57.55	57.43	+ .12	58.93	56.06	60.29	15	54.15	1	6.14
October	57.49	58.62	−1.13	58.92	55.80	60.70	14	50.73	7	9.97
November	58.65	59.34	— .69	60.15	57.11	61.85	6, 29	55.55	10	6.30
December	58.62	60.30	−1.68	60	57.05	62.15	4	55.10	8	7.05
Year	758.46	759.06	−0.60	759.90	756.83	765.95	I 9	750.73	X 7	15.22

Month.	Temperature in shade.									
	Mean, 1917.	Normal, 1885–1917.	Departure.	Mean maximum.	Mean minimum.	Absolute maximum.	Day.	Absolute minimum.	Day.	Range.
	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*		°*C.*		°*C.*
January	24.7	24.9	−0.2	29.9	21.2	32.3	1	19.4	31	12.9
February	25	25.3	— .3	30.8	20.8	33.3	27	18	24	15.3
March	26	26.6	— .6	32	21.4	33.8	8	19.6	15	14.2
April	27.9	28.1	— .2	33.8	23.2	35.4	23	21.3	7, 22	14.1
May	27.9	28.4	— .5	33.9	23.6	36	15	20.7	19	15.3
June	27.8	27.9	— .1	33.5	23.6	35.8	14	22.6	23	13.2
July	26.1	27	— .9	30.6	23.2	32.7	14	22.3	14, 25	10.4
August	26.9	27	— .1	31.9	23.6	33.7	22	22.4	30	11.3
September	26.5	26.8	— .3	31	23.6	33.3	13	22.1	20	11.2
October	26.1	26.7	— .6	31.3	23.1	33.2	28	21.9	29	11.3
November	25.4	25.9	— .5	30.1	22.3	32.9	10	20.8	13	12.1
December	24.8	25.1	— .3	29.7	21.7	32.1	3	19	31	13.1
Year	26.26	26.64	−0.38	31.5	22.6	36	V 15	18	II 24	18

Month.	Relative humidity.									
	Mean, 1917.	Normal, 1885–1917.	Departure.	Mean maximum.	Mean minimum.	Maximum.	Day.	Minimum.	Day.	Range.
	Per cent.	*Per cent.*	*Per cent.*	*Per cent.*	*Per cent.*	*Per cent.*		*Per cent.*		*Per cent.*
January	80.7	78.2	+2.5	94.1	61.8	98	1, 25, 27	48	15	50
February	75.7	74	+1.7	91.5	55.5	98	19	45	23	53
March	75.4	71.6	+3.8	92.6	55	97	13, 31	42	8	55
April	75.4	69.9	+5.5	92.9	54.8	98	8, 9	48	various	50
May	78.1	76.1	+2	93.7	57.3	98	12	44.5	19	53.5
June	79.8	80.8	−1	95.8	59.6	100	21, 26, 27	43	13	57
July	87.6	84.9	+2.7	97.3	72.4	100	11	65	14, 25	35
August	85.5	85	+ .5	97	68.1	99	1, 2, 5	59	6, 21	40
September	86.8	85.8	+1	97.5	70.2	99	various	56	3	43
October	88	83.8	+4.2	97.7	69.6	99	various	55	31	44
November	87.8	82.6	+5.2	97.4	70.6	99	various	59	13	40
December	85	81.4	+3.6	95.7	67.5	99	12, 13, 19	58	30	41
Year	82.15	79.51	+2.64	95.3	63.5	100	VI 21, 26, 27; VII 11	42	III 8	58

MONTHLY AND YEARLY RESULTS OF METEOROLOGICAL OBSERVATIONS, ETC.—Continued.

Month.	Vapor pressure.									
	Mean, 1917.	Normal, 1885–1917.	Departure.	Mean maximum.	Mean minimum.	Maximum.	Day.	Minimum.	Day.	Range.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*		*mm.*		*mm.*
January	18.4	18.1	+0.3	19.7	17.3	22.7	1	14.8	11	7.9
February	17.6	17.5	+ .1	18.8	16.4	20.8	9	13.7	14	7.1
March	18.6	18.2	+ .4	20.1	17.2	22.7	19	14.7	15	8
April	20.8	19.5	+1.3	22.3	19.3	23.9	16	16.3	6	7.6
May	21.5	21.6	— .1	22.9	20.1	24.8	14	16.8	19	8
June	21.7	22.3	— .6	23.2	20.4	24.8	29	17.7	13	7.1
July	21.9	22.4	— .5	23.4	20.6	24.3	3	18.8	24	5.5
August	22.3	22.4	— .1	23.8	21	25.2	25	18.3	30	6.9
September	22.1	22.4	— .3	23.3	20.9	24.4	26	19.5	20	4.9
October	22	21.6	+ .4	23.5	20.7	25.9	7	19.1	29	6.8
November	21	20.3	+ .7	22.5	19.7	23.8	4, 19	18	13	5.8
December	19.7	19.2	+ .5	21.3	18.4	23.7	3	15	31	8.7
Year	20.63	20.46	+0.17	22.1	19.3	25.9	X 7	13.7	II 14	12.2

Month.	Relative frequency of the wind from—											
	NNE-E.			ESE-S.			SSW-W.			WNW-N.		
	Mean, 1917.	Normal, 1885–1917	Departure.	Mean, 1917.	Normal, 1885–1917	Departure.	Mean, 1917.	Normal, 1885–1917	Departure.	Mean, 1917.	Normal, 1885–1917	Departure.
January	6	7.6	—1.6	2	3.5	—1.5	3	3.3	—0.3	4	4	0
February	5	7.3	—2.3	3	5.2	—2.2	4	3.6	+ .4	4	2.9	+1.1
March	7	6.8	+ .2	4	7.4	—3.4	3	3.5	— .5	1	2	—1
April	3	5.7	—2.7	6	8.1	—2.1	5	3.9	+1.1	2	1.8	+ .2
May	3	4.8	—1.8	4	5.4	—1.4	6	6.2	— .2	2	2.4	— .4
June	4	4.2	— .2	6	5.1	+ .9	4	7.3	—3.3	1	2.3	—1.3
July	2	3	—1	3	3.7	— .7	11	10	+1	2	2.5	— .5
August	2	2.5	— .5	1	2.8	—1.8	9	11.7	—2.7	2	2.3	— .3
September	2	3.1	—1.1	2	3.4	—1.4	8	9.7	—1.7	2	2.5	— .5
October	5	5.6	— .6	3	3.1	— .1	3	5.1	—2.1	2	3.2	—1.2
November	6	7.4	—1.4	1	2.5	—1.5	2	3.1	—1.1	4	4.3	— .3
December	8	8	0	1	2.1	—1.1	2	2.5	— .5	5	4.6	+ .4
Year	4.4	5.5	—1.1	3	4.4	—1.4	5	5.8	—0.8	2.6	2.9	—0.3

Month.	Velocity of the wind.										
	Mean, 1917.	Total, 1917.	Normal, 1893–1917.	Departure.	Daily maximum.	Day.	Daily minimum.	Day.	Range.	Hourly maximum.	Day and hour.
	Km.	*Km.*	*Km.*	*Km.*	*Km.*		*Km.*		*Km.*	*Km.*	
January	149.3	4,628	5,291.1	— 663.1	301.5	11	83	24	218.5	27	11, 10–11a.
February	178.9	5,010	5,383.7	— 373.7	269	27	108	2	161	29	27, 2–3p.
March	189	5,858	6,844.5	— 986.5	249	8	130.5	17	118.5	25	8, 10–11a.
April	187	5,610	6,908.8	— 1,298.8	237	16	103.5	8	133.5	23	4, 3–4p.
May	182.4	5,654	6,950.1	— 1,296.1	290	11	108.5	31	181.5	29	11, 3–4p.
June	171.5	5,145	6,720	— 1,575	236	17	82.5	30	153.5	26.5	19, 1–2p.
July	258.9	8,025	8,180.6	— 155.6	486.5	31	74	15	412.5	41	31, 5–6p.
August	210.9	6,538	9,514.4	— 2,976.4	518.5	18	95	7	423.5	35.5	17, 7–8p.
September	184.8	5,545	7,845.7	— 2,300.7	557.5	11	79	19	478.5	38	4, 6–7p. 11, 1–2a.
October	127.5	3,953.5	5,437.3	— 1,483.8	325.5	7	68	12	257.5	29	7, 2–3p. 8, 3–4p.
November	119.9	3,598	4,956.4	— 1,358.4	192	25	52	6	140	22	17, 11–noon
December	126	3,906.5	4,883.4	— 976.9	219.5	6	47	23	172.5	21.5	6, 1–2p.
Year	173.8	63,471	78,916	—15,445	557.5	IX 11	47	XII 23	510.5	41	VII 31, 5–6p.

MONTHLY AND YEARLY RESULTS OF METEOROLOGICAL OBSERVATIONS, ETC.—Continued.

Month.	Duration of sunshine.						Amount of clouds.		
	Mean, 1917.	Total, 1917.	Normal, 1890–1917.	Departure.	Maximum.	Day.	Mean, 1917.	Normal, 1885–1917.	Departure.
	h. *m.*	*h.* *m.*	*h.* *m.*	*h.* *m.*	*h.* *m.*		*0-10.*	*0-10.*	*0-10.*
January	4 08	128 10	185 58	— 57 48	9 15	28	7.3	5.4	+1.9
February	5 59	167 45	197 48	— 30 03	10 55	27	6.1	4.9	+1.2
March	5 52	182 00	236 13	— 54 13	10 20	27	6	4.5	+1.5
April	8 40	259 45	261 49	— 2 04	11 15	23	5.2	4.1	+1.1
May	7 06	220 15	229 59	— 9 44	10 30	17	6.7	5.8	+ .9
June	6 13	186 40	172 24	+ 14 16	9 15	16	7	7	0
July	3 06	96 00	143 56	— 47 56	8 20	3	9	7.8	+1.2
August	5 17	163 35	141 38	+ 21 57	10 05	22	7.5	7.9	— .4
September	3 18	98 45	134 07	— 35 22	9 10	15	8.6	7.8	+ .8
October	4 36	142 30	166 26	— 23 56	9 50	20	7.8	6.7	+1.1
November	3 25	102 30	161 34	— 59 04	8 40	30	8.4	6.4	+2
December	3 40	113 45	154 59	— 41 14	8 05	13	7.6	6.2	+1.4
Year	5 07	1,861 40	2,186 51	—325 11	11 15	IV 23	7.3	6.2	+1.1

Month.	Rainfall.									
	Total, 1917.	Normal, 1865–1917.	Departure.	Daily maximum.	Day.	Hourly maximum.	Day and hour.	Rainy days, 1917.	Normal, 1866–1917	Departure.
	mm.	*mm.*	*mm.*	*mm.*		*mm.*				
January	18	26.9	— 8.9	9.7	3	9.7	3, noon–1p.	10	5	+ 5
February	7	10.5	— 3.5	6.1	18	5.3	18, 7–8p.	4	3	+ 1
March	47.6	18.6	+ 29	21.6	24	18	24, 11–noon	9	3	+ 6
April	58.1	34.6	+ 23.5	19.3	8	17.3	8, noon–1p.	8	4	+ 4
May	53.9	105.3	— 51.4	17.8	25	9.4	25, 5–6p.	13	10	+ 3
June	270.7	234.3	+ 36.4	53.4	26	42.7	24, 3–4p.	15	16	— 1
July	606	399.3	+ 206.7	107.6	11	31.2	17, 4–5a.	29	21	+ 8
August	359.4	361.1	— 1.7	79.8	3	47.4	7, 1–2p.	24	22	+ 2
September	263.2	370.4	— 107.2	35.1	5	25.4	26, 6–7p.	23	21	+ 2
October	340.6	187.6	+ 153	44.4	7	31.7	6, 5–6p.	22	17	+ 5
November	229.2	130.2	+ 99	80.7	25	16.8	25, 5–6p.	18	12	+ 6
December	75.7	62.7	+ 13	21	19	6.6	23, 11–noon.	16	9	+ 7
Year	2,329.4	1,941.5	+387.9	107.6	VII 11	47.4	VIII 7, 1–2p.	191	143	+48

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JUN 28 1920

DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES
WEATHER BUREAU
REV. JOSÉ ALGUÉ, S. J., DIRECTOR

ANNUAL REPORT OF THE WEATHER BUREAU

FOR THE YEAR 1917

PART III

METEOROLOGICAL OBSERVATIONS MADE AT THE SECONDARY STATIONS DURING THE CALENDAR YEAR 1917

MANILA
BUREAU OF PRINTING
1919

166502

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INTRODUCTION.

In this volume (Part III) of the report of the Weather Bureau for 1917 we publish the meteorological observations made in the various stations which at present constitute the meteorological service of the Philippines, a service established by Act No. 131 of the Philippine Commission May 22, 1901.

In Part II of the report for 1902, pages 52 to 60, will be found a detailed account of the establishment and organization of these branch stations and a list of the instruments with which they are equipped, according to their class.

The report of the various observers are carefully collated and examined at the Central Observatory, but it is evident that the Directors cannot assume the full responsibility for the accuracy of these observations. As every meteorologist knows, in observations of this kind much must be left to the conscientious care of the observer. Hence, while we take this opportunity to express our confidence in our observers, we think it proper to subjoin the following list, which gives some particulars about the stations and also the names of the observers who are primarily responsible for the accuracy of the observations in this volume (Part III) of the Annual Report of the Weather Bureau.

SECONDARY STATIONS AND OBSERVERS OF THE WEATHER BUREAU.

Town.	Province.	Island.	North latitude.		East longitude.		Observer.	Class.
			°	′	°	′		
Jolo	Sulu	Jolo	6	03	121	00	Rufino de la Cruz	III
Zamboanga	Zamboanga	Mindanao	6	54	122	05	Felix Manabat Juan Lugod	II
Davao	Davao	do	7	01	125	35	Lamberto Garcia	III
Cagayan	Misamis	do	8	29	124	38	Juan Hernandez	III
Butuan	Agusan	do	8	56	125	32	Generoso Copin	III
Mambajao	Misamis	Camiguin	9	14	124	42	Guillermo P. Cabriole	IV
Dumaguete	Oriental Negros	Negros	9	18	123	19	Matias Ordiales	III
Yap	Western Carolines	Yap	9	29	138	08	Prudencio Z. Urbiztondo.	III
Tagbilaran	Bohol	Bohol	9	38	123	51	Francisco Burgos	II
Iwahig	Palawan	Palawan	9	44	118	38	Dionisio Crisanto	III
Surigao	Surigao	Mindanao	9	48	125	29	Francisco Tiangco Santiago Villaflor	II
Maasin	Leyte	Leyte	10	08	124	50	Aguedo P. Espina	III
Cebu	Cebu	Cebu	10	18	123	54	Domingo de los Angeles.	I
Iloilo	Iloilo	Panay	10	42	122	34	Ricardo A. Luna	I
San Jose de Buenavista	Antique	do	10	44	121	55	Teodoro Peñeiro	III
Cuyo	Palawan	Cuyo	10	51	121	01	Roman Kabigting	III
Ormoc	Leyte	Leyte	11	00	124	36	Pedro Baltasar Severo Bande	I
Guiuan	Samar	Samar	11	02	125	44	Patricio Yabao	III
Tacloban	Leyte	Leyte	11	15	125	00	Deogracias Tablan Ezequiel Reinoso	II
Capiz	Capiz	Panay	11	35	122	45	Juan Lugod Pedro M. Asturias	II
Borongan	Samar	Samar	11	37	125	26	Godofredo Bacolo	III
Catbalogan	do	do	11	47	124	51	Clemente M. Letaba	III
Calbayog	do	do	12	04	124	36	Segundo Peñaflorida	II
Masbate	Sorsogon	Masbate	12	22	123	36	Vicente M. Sañano	IV
Romblon	Capiz	Romblon	12	35	122	16	Dolorito Contreras	III
Batag	Samar	Batag	12	40	125	04	Placido A. Edroso	IV
Sorsogon	Sorsogon	Luzon	12	55	124	08	Agustin Mendoza	III
Legaspi	Albay	do	13	09	123	45	Bernardino Costa	I
Sumay	Ladrone Islands	Guam	13	24	144	38	Herbert Taylor	III
Calapan	Mindoro	Mindoro	13	25	121	11	Aquilino Nokom	III
Virac	Albay	Catanduanes	13	35	124	14	Eusebio Talion	III

SECONDARY STATIONS AND OBSERVERS OF THE WEATHER BUREAU—Continued.

Town.	Province.	Island.	North latitude.	East longitude.	Observer.	Class.
			° ′	° ′		
Naga	Ambos Camarines.	Luzon	13 37	123 11	Eduardo Ontengco	III
Batangas	Batangas	do	13 45	121 03	Jose N. Cabrera	III
Lucena	Tayabas	do	13 56	121 37	Vicente Valderrama	III
Atimonan	do	do	14 00	121 55	Leon G. Guinto / Pedro Baltasar	I
Ambulong, Tanauan	Batangas	do	14 07	121 04	Gregorio Peralta	II
Canlubang, Calamba	Laguna	do	14 13	121 07	Nicolas Princena	IV
Paracale	Ambos Camarines.	do	14 17	122 47	Benito Pelaez	II
Santa Cruz	Laguna	do	14 18	121 25	Doroteo Eusebio	III
Antipolo	Rizal	do	14 36	121 10	Valeriano Garcia	IV
Iba	Zambales	do	15 20	119 58	Antonio Gaza	III
San Isidro	Nueva Ecija	do	15 22	120 53	Bernardo Pecache	II
Dagupan	Pangasinan	do	16 03	120 20	Jose M. Sison	I
Bolinao	do	do	16 24	119 53	Lorenzo Goli	III
Baguio	Mountain	do	16 25	120 36	Pastor P. Daroy	I
San Fernando	Union	do	16 37	120 19	Estanislao F. Feraren	III
Echagüe	Isabela	do	16 41	121 39	Benito Maramba	III
Candon	Ilocos Sur	do	17 12	120 26	Luis Quismorio	IV
Vigan	do	do	17 34	120 23	Jose de Jesus	II
Tuguegarao	Cagayan	do	17 36	121 40	Jose C. de Leon	II
Laoag	Ilocos Norte	do	18 12	120 35	Jose Saez	II
Aparri	Cagayan	do	18 22	121 38	Manuel Delgado	I
Cape Bojeador	Ilocos Norte	do	18 31	121 09	Fabian Velasquez	IV
Santo Domingo	Batanes	Batan	20 28	121 59	Claudio Castillejos	III

REMARKS.

The hours of observations at the first and second class stations are 2 a. m., 6 a. m. 10 a. m., 2 p. m., 6 p. m., 10 p. m.; at the third and fourth class stations, 6 a. m. and 2 p. m. The time used is that of the one hundred and twentieth meridian east of Greenwich.

The barometer readings are reduced to sea level and 0° C., but no correction has been applied to eliminate the effect of gravity depending on the latitude of the place of observation.

INTERNATIONAL SYMBOLS FOR CLOUD FORMS.

Ci. = Cirrus.	Cu.-N. = Cumulo-nimbus.
Ci.-S. = Cirro-stratus.	S. = Stratus.
Ci.-Cu. = Cirro-cumulus.	Fr.-Cu. = Fracto-cumulus.
A.-Cu. = Alto-cumulus.	Fr.-N. = Fracto-nimbus.
A.-S. = Alto-stratus.	Fr.-S. = Fracto-stratus.
S.-Cu. = Strato-cumulus.	S.-cf. = Stratus-cumuliformis.
N. = Nimbus.	N.-cf. = Nimbus-cumuliformis.
Cu. = Cumulus.	M.-Cu. = Mammato-cumulus.

METEOROLOGICAL OBSERVATIONS MADE AT FIRST AND SECOND CLASS STATIONS DURING THE CALENDAR YEAR 1917.

ZAMBOANGA.

[ϕ=6° 54′ N; λ=122° 05′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.91 mm.]

JANUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humdiity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	56.77	58.02	58.97	56.79	57.90	59.38	57.97	24	24.4	28.3	29.5	27.8	25.2	26.5	32.9	23.4	94	96	73	67	82	88	83.3	.....
2..	57.97	58.54	60.08	58.15	58.43	60	58.86	24.2	24.3	28	28.2	27.3	23.9	26	30.9	23	90	91	75	78	79	82	82.5	.....
3..	58.37	58.87	59.98	57.73	58.11	59.65	58.78	23.8	23	28.3	24.7	25.6	24.5	25	30	22.1	82	87	72	97	88	88	85.7	11.7
4..	58.18	58.68	60.35	58.36	59.25	60.60	59.24	24	23.3	29.9	29.7	27.6	25.5	26.7	31.8	22.2	91	90	65	63	79	84	78.7	.....
5..	60.05	60.72	62.01	60.04	60.63	61.58	60.84	24.2	23.3	27.5	27.8	27	24.8	25.8	31.5	23.2	86	92	73	78	78	84	81.8	.....
6..	60.72	60.52	61.23	59.09	59.18	60.38	60.19	24.6	23.8	28.9	30	27.3	25	26.6	31.8	23.3	81	80	62	58	72	86	73.2	.....
7..	59.44	60.12	61	59.55	59.71	62.14	60.33	23.1	22.6	30.5	27.9	27.5	22.5	25.7	31.4	21.9	85	88	58	71	70	98	78.3	11.7
8..	60.15	60.67	61.99	59.97	59.64	61.40	60.64	22.8	22.5	27.9	27.7	27	24.7	25.4	29.4	21.8	89	92	72	73	69	78	78.8	.....
9..	60.90	61.02	61.95	60.08	60.50	61.58	61	24.4	22.5	30.6	28.3	27.8	25.3	26.5	31.7	22	80	88	58	71	75	84	76	.....
10..	60.75	60.65	61.45	59.47	59.70	60.71	60.46	23.9	23.3	29.7	28.4	27	24.5	26.1	31.2	22.7	83	84	63	70	80	87	77.8	.....
11..	59.40	60.01	60.67	58.77	58.60	59.64	59.52	23.6	22.9	31	28.3	27.3	24.6	26.3	32.5	22.4	88	89	59	75	78	94	80.5	4.8
12..	59.10	58.99	59.47	58.13	58.11	59.53	58.89	24.2	23	29	32.3	27.8	24.2	26.8	33	22.7	93	93	69	53	74	91	78.8	2
13..	58.37	58.04	59.69	57.93	58.15	59.44	58.60	24	23.4	29.4	31.4	27.5	25	26.8	34.3	22.6	91	90	62	54	76	83	76	.....
14..	58.57	58.36	59.33	57.35	57.86	59.21	58.45	24.1	23.5	27.5	28.4	27.8	25	26	29.5	23	85	86	76	75	74	86	80.3	.....
15..	58	58.54	59.78	57.13	57.43	57.97	58.14	24.4	24.2	27.5	28.6	27.4	25.1	26.2	31	23.5	91	89	76	78	80	90	84	.....
16..	57.36	57.46	58.37	56.59	57.73	58.25	57.63	24.8	24.7	30.7	28.8	27.4	25.5	27	32	23.7	87	87	63	75	81	91	80.7	.....
17..	57.16	57.57	58.66	56.50	56.80	58.26	57.49	25	24.1	27.3	27.9	26.5	26	26.1	29.8	23.8	91	93	81	77	83	79	84	.....
18..	56.82	57.11	57.79	55.98	56.68	57.97	57.06	24.2	23.6	29.2	31	26.7	25.5	26.7	31.6	23	89	90	71	64	86	89	81.5	27.2
19..	57.12	57.33	59	56.40	57.16	58.33	57.56	23.2	23.2	27.3	27.8	27.6	24.8	25.6	29.9	23	98	97	81	74	79	84	85.5	8.9
20..	56.92	56.94	58.25	56.45	56.81	58.55	57.32	23.8	23.5	28	29.1	27.7	25.1	26.2	30.7	23.2	98	97	85	68	79	90	86.2	2.6
21..	57.32	57.29	58.39	56.83	57.55	58.80	57.70	24.5	23.8	28.1	28.3	27.2	24.7	26.1	30	23	87	89	78	75	84	88	83.5	.....
22..	57.49	57.74	58.60	56.49	57.18	58.53	57.67	23.9	23.5	27.5	28.4	27.3	25.1	26	29.3	22.7	84	85	74	75	84	88	81.7	4.5
23..	58.02	58.69	58.70	56.83	56.71	58.20	57.86	24.3	23.2	26.2	26.9	26.4	24.7	25.3	28.7	22.8	87	95	79	78	85	90	85.7	.....
24..	57.08	57.53	58.65	56.47	57.10	58.20	57.50	23.6	22.7	30.2	29.2	27.1	25	26.3	31.7	22.3	90	93	64	71	83	90	81.8	2.8
25..	57.52	57.46	58.82	57.26	57.85	58.91	57.97	24.4	23.1	26.7	28	26.4	24.1	25.4	29.8	22.9	87	97	85	77	83	86	85.8	.....
26..	58.04	58.24	58.55	57.43	57.70	58.91	58.14	23.6	23	26.5	28	26.7	24.1	25.3	30	22.3	85	88	85	79	83	89	84.8	.....
27..	57.84	58.20	58.44	56.80	57.23	57.80	57.72	23.6	23.2	27.7	29.7	27.1	24.5	26	30.2	22.2	83	85	75	69	83	87	80.3	.5
28..	56.87	57.13	58.63	56.64	57.44	58.62	57.56	23.6	23.2	30.2	29	27.9	25.6	26.6	31.5	22.8	86	87	63	67	78	79	76.7	2.8
29..	57.62	57.58	58.64	57.04	57.49	59.29	57.94	24.2	23	27.5	28.5	27.4	25.7	26	30.2	22.4	90	95	78	74	81	85	83.8	2.3
30..	58.18	58.26	59.28	57.54	57.50	59.16	58.32	23.8	23.3	26.8	27.7	26.4	25.3	25.6	28.9	22.8	96	92	78	77	84	85	85.3	.....
31..	57.66	58.34	59.45	56.78	57.32	58.41	57.99	23.7	23.3	28.4	28	26.6	24.2	25.7	29.1	22.5	84	84	76	77	85	94	83.3	.....
Mean	58.25	58.54	59.55	57.63	58.05	59.34	58.56	24	23.4	28.5	28.6	27.2	24.8	26.1	30.8	22.7	88.1	90	71.9	72.2	79.8	87	81.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	81.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	ESE	ESE	SE	NE	NE	23.1	42.1	80.3	21.9	167.4	8	Ci.-S. SE	S.-Cu. E	8	Ci.-S.	Cu. SE
2..	NE	NE	W	W	NW	NE	17.7	46.5	81.3	15.6	161.1	3	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. W
3..	NE	N	SSE	NE	Calm	Calm	25.9	32.8	31.9	14.8	105.4	5	Ci.-S.	Cu.	10	Ci.-S.	N. NE
4..	N	NE	ENE	E	Calm	NE	21.4	49.6	86.1	23.1	180.2	1	Ci.-S.	Cu. NE	2	Ci.-S.	Cu. E
5..	NE	N	NE	N	Calm	Calm	25.4	23.3	35.7	9.7	94.1	10	Ci.-S.	S.-Cu. N	10	Ci.-S.	Fr.-Cu. N
6..	Calm	E	E	E	NE	Calm	14.5	52.8	48	11.5	126.8	9	A.-Cu. SE	s.-cu. ESE	9	A.-Cu. SE	Cu. ESE
7..	Calm	NNE	E	W	W	N	10.8	34.3	60.9	24.6	130.6	8	Ci.-S. E	Fr.-cu. NE	10	Ci.-S.	S.-Cu.
8..	W	Calm	E	E	E	Calm	17.4	33.8	42.6	13.7	107.5	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu. E
9..	Calm	E	NNE	W	Calm	Calm	8.3	40.2	53.7	9.1	111.3	6	Ci.-S.	S.-Cu. E	7	Ci.-S.	Fr.-Cu. W
10..	NE	Calm	NE	E	E	Calm	13.9	41.3	41.8	13.2	110.2	10	Ci.-S.	.....	10	Ci.-S.	Fr.-Cu. E
11..	NE	Calm	NE	E	NW	N	18	37	76.7	29.8	161.5	4	Ci.-Cu.	Fr.-Cu. E	8	Ci.-S.	Cu. E
12..	N	NE	ENE	NE	Calm	Calm	26.4	50.7	51.2	11.9	140.2	9	Ci.-S.	S.-Cu.	8	A.-Cu.	Fr.-Cu. NE
13..	Calm	Calm	NE	E	E	Calm	12.9	42.1	57.9	18.2	131.1	3	Ci.-S.	S.-Cu.	4	A.-Cu.	Fr.-Cu. E
14..	Calm	N	SE	W	W	Calm	19.3	40.8	57.4	18.7	136.2	10	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
15..	Calm	ENE	S	E	NW	NE	17.2	29.2	70.3	14.7	131.4	10	Ci.-S.	S.-Cu. E	7	Ci.-S.	Cu. E
16..	Calm	Calm	NE	SSE	W	Calm	13.2	35.2	69	16.4	133.8	9	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu. S
17..	Calm	N	N	N	Calm	Calm	20.4	46.9	56.1	23.9	147.3	9	Ci.-S.	s.-cu. NNE	8	Ci.-S.	Cu. NNE
18..	Calm	Calm	ENE	NNE	W	NW	12.4	49.3	76.6	46.7	185	8	Ci.-S.	S.-Cu. NE	5	Ci.-S. E	Cu. NE
19..	Calm	ENE	E	SE	ENE	E	16.6	31.7	79.1	17.4	144.8	10	A.-S.	Fr.-S. E	8	Ci.-S.	Cu. SE
20..	Calm	Calm	E	ESE	ESE	Calm	17.7	41	60.9	19.9	139.5	8	Ci.-S.	S.-Cu. E	7	Ci.-S.	Cu. SE
21..	NE	E	SE	W	WNW	Calm	24.3	29.6	95.3	25.1	174.3	7	Ci.-S.	Cu. E	8	Ci.-S.	Cu.
22..	NE	NE	NE	NE	W	Calm	24.6	29.2	71.1	25.7	150.6	10	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu. NE
23..	NE	Calm	E	NE	W	NE	23.6	37.3	53.6	30.6	145.1	10	Ci.-S.	S.-Cu. E	9	Ci.-S.	Cu. NE
24..	NE	Calm	ENE	SE	WNW	NE	25.4	41.6	81	14.2	162.2	10	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu. SSE
25..	Calm	NE	NE	E	NW	NE	18.7	37.2	51.5	30.3	137.7	10	Ci.-S.	s.-cu. ENE	10	Ci.-S.	Cu.-N. E
26..	N	NE	SW	W	NW	NE	26.6	38.4	63.3	24.3	152.6	10	Ci.-S.	S.-Cu. NE	5	Ci.-S.	Cu. W
27..	N	ENE	E	N	W	N	29.6	42.9	57.7	28.8	159	7	Ci.-S.	Fr.-Cu. E	6	Ci.-S.	Cu. N
28..	NE	ENE	E	ESE	E	Calm	26.9	51	72.2	15.1	165.2	9	Ci.-S.	S.-Cu. E	10	Ci.-S.	Fr.-Cu. SE
29..	N	NE	NE	E	N	N	23.1	42.8	76.6	34.8	177.3	10	Ci.-S.	S.-Cu. NE	9	Ci.-S.	Cu. E
30..	E	ENE	ENE	WSW	NW	NW	20.3	33.8	62.5	34.1	150.7	10	Ci.-S.	S.-Cu. E	8	Ci.-S.	S.-Cu.
31..	Calm	ENE	E	W	NW	Calm	18.5	29.8	38.4	16.4	103.1	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.-Cu.
Mean	.....	.....	.....	.....	.....	.....	19.8	39.2	62.6	21.1	142.7	8.2	.....	.....	7.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,423.2	.....	.....	.....	.....	.....	.....

NOTE.—The extreme temperatures of this station from January to August are taken from a self-recording instrument.

ZAMBOANGA.

[$\phi = 6°\ 54'$ N; $\lambda = 122°\ 05'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.91 mm.]

FEBRUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.54	57.84	58.24	56.49	56.57	57.67	57.39	23.4	22.9	29.8	28.5	27.7	24.8	26.2	31.2	22.3	90	90	67	68	72	87	79	.....
2..	56.88	57.14	58.61	56.02	57.09	58.25	57.33	24.1	24.2	26.3	29.5	27.7	25.5	26.2	32.9	22.9	86	87	81	69	80	86	81.5	0.5
3..	56.87	57.68	59.48	56.94	58.03	60.26	58.21	24.5	24.5	26.5	28.3	26.9	22.7	25.6	30.5	21.3	85	87	84	75	83	99	85.5	29.3
4..	59.12	59.24	60.10	58.44	59.15	60.86	59.48	23.3	23.8	28.2	30.7	27.2	24.1	26.2	32	22.7	97	91	76	61	82	92	83.2	4.8
5..	60.17	59.55	61.06	59.23	59.85	60.70	60.09	23.9	23.4	28.7	29.8	27.4	24.4	26.3	31.3	22.6	91	90	74	65	74	82	79.3	5.2
6..	59.79	59.45	61.34	59.18	59.56	60.80	60.02	23.7	24	29.2	29.4	26.8	25	26.4	33	22.8	92	90	72	65	81	82	80.3	.....
7..	59.60	60.14	61.35	59.19	59.91	61.64	60.30	25	24.1	28.8	30.5	27	25.3	26.8	32	22.4	87	87	75	66	79	88	80.3	28.7
8..	60.35	60.17	61.15	59.07	59.64	60.85	60.20	24	23.4	27.6	27.8	27.3	24.4	25.8	32.8	22.4	98	95	79	82	84	89	87.8	.....
9..	59.72	59.98	60.85	58.97	59.65	60.06	59.87	24	23.4	30.7	27.1	24.7	23.7	25.6	32.9	22.5	88	85	62	87	86	88	82.7	1.6
10..	59.25	59.55	60.50	58.41	58.83	59.96	59.42	23.4	23	29.8	29.8	28	24.4	26.4	33	22.1	85	88	73	65	79	87	79.5	.....
11..	59.27	59.10	60.60	58.39	59	60.45	59.47	23.8	23.5	27	28	27.2	25.5	25.8	29.2	22.8	92	90	83	81	81	83	85	.....
12..	59.49	59.81	61.20	58.93	59.25	60.56	59.87	23.3	23.2	28.1	27.6	28.5	25.3	26	30.1	22.6	89	90	77	81	78	86	83.5	.....
13..	59.45	59.28	60.35	58.31	58.92	60.03	59.39	23.9	23.2	31	31.7	27.6	25	27.1	33	22.4	84	87	57	56	81	83	74.7	6.9
14..	58.89	58.81	60.30	58.08	59.12	60.90	59.35	24.9	23	26.4	27.5	24.8	23.8	25.1	29.3	22.8	87	98	83	79	92	98	89.5	11.5
15..	59.42	60.02	61.25	58.94	58.92	60.15	59.78	23	23.3	24.8	26.7	26.4	24	24.7	28	22.1	97	90	97	81	89	90	90.7	4.6
16..	58.92	59.40	60.80	58.24	58.80	59.58	59.29	23.7	23	27.7	28.5	26.8	25.5	25.9	30.2	22.4	87	90	78	73	85	90	83.8	.....
17..	58.46	58.96	60.66	57.94	58.25	59.26	58.92	25.7	24.8	26.3	27.2	26.3	24.5	25.8	28.9	23.8	83	80	82	83	88	92	84.7	.....
18..	57.17	57.79	59.03	57.02	56.86	58.47	57.72	23.8	23.2	25.9	26.7	26.2	23.8	24.9	29	22.4	91	88	85	82	83	88	86.2	.....
19..	57.23	57.44	59.11	56.99	57.35	58.32	57.74	23	22.8	27.9	28	27.3	25.2	25.7	30.2	22.1	89	91	75	76	84	87	83.7	.....
20..	57.79	58.02	59.71	57.83	58.08	59.63	58.51	23.8	23.5	27.8	28	27.3	25.1	25.9	29.3	23	86	86	76	71	80	89	81.3	3.8
21..	58.88	59.21	60.28	58.68	58.80	60.25	59.35	24.3	24.5	27.4	28.4	27.6	24.7	26.2	30.2	22.6	89	92	80	75	75	91	83.7	.....
22..	59.22	59.24	60.14	58.45	58.37	59.61	59.17	23.4	23.3	29.8	28.1	27.2	24.8	26.1	31.2	22.6	90	90	68	80	84	87	83.2	2.3
23..	58.47	58.34	59.21	57.33	57.38	58.01	58.12	23.6	23.8	31.2	27.2	27.2	25	26.3	32.9	22.9	90	89	64	80	84	89	82.7	.....
24..	56.99	57.76	58.38	56.83	56.46	57.87	57.38	24.5	24.1	29.5	30.6	27.8	24.4	26.8	32.9	23.1	87	90	70	68	80	87	80.3	.....
25..	57	57.22	57.99	55.98	56.39	57.55	57.02	24	23.8	27.9	30	27.9	25.8	26.6	32.9	22.6	82	85	75	69	84	90	80.8	.3
26..	56.84	56.33	57.70	55.65	56.18	56.78	56.58	24	24.4	30.9	30	27.5	25.4	27	33	23.1	88	90	61	62	79	89	78.2	.....
27..	55.92	56.39	57.28	54.99	55.50	56.23	56.05	24.6	23.8	31.1	30.2	28.4	24.9	27.2	33.9	23.4	85	87	62	65	77	81	76.2	.3
28..	55.57	56.02	57.34	55.53	56.30	57.32	56.35	24.5	23.6	30.5	29.1	28.1	25.2	26.8	33	23	83	87	57	65	74	78	74	.....
Mean	58.37	58.57	59.79	57.72	58.15	59.36	58.66	24	23.6	28.5	28.7	27.2	24.7	26.1	31.4	22.6	88.5	88.9	74	72.5	81.4	87.8	82.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	99.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NNE	NE	E	S	Calm	Calm	25.5	58.4	60.4	21.5	165.8	7	Ci.-S.	S.-Cu.	5	Ci.-S.	S.-Cu.
2..	NE	NE	NE	SE	Calm	Calm	25.7	37.3	71.6	15.6	150.2	10	Ci.-S.	S.-Cu. NE	8	Ci.-S.	S.-Cu. NE
3..	Calm	E	NE	SE	W	E	17.5	31.2	74.8	30	153.5	10	.....	N.	6	Ci.-S.	S.-Cu.
4..	Calm	E	NE	E	W	E	19.6	32.5	65.7	31.7	149.5	10	Ci.-S.	S.-Cu. E	9	Ci.-S.	S.-Cu. SE
5..	Calm	Calm	E	SW	Calm	Calm	18	25.5	34	20.6	98.1	10	Ci.-S.	S.-Cu. E	9	Ci.-S.	S.-Cu.ENE
6..	Calm	Calm	E	NE	Calm	Calm	15.9	38.4	42.8	15.1	112.2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu. E
7..	Calm	Calm	ENE	SSW	NW	SE	15.3	23.9	60.7	24.3	124.2	10	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-Cu.
8..	SW	Calm	SE	W	NW	NE	28	45.7	70.8	22.5	167.	8	Ci.-S.	Cu.-N.	9	Ci.-S.	S.-Cu. NE
9..	NNE	NE	ENE	W	N	Calm	26	46.9	48.8	24.6	146.3	7	Ci.-S.	Fr.-Cu.	9	Ci.-S.	Cu.-N. N
10..	NE	NE	E	SE	SW	Calm	19.1	38.3	77.2	17.1	151.7	6	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.
11..	N	Calm	S	W	NW	Calm	24.3	37.5	76.2	38.9	176.9	6	Ci.-S.	Cu. ENE	4	Ci.-S.	Cu. NE
12..	Calm	Calm	Calm	W	Calm	N	16.3	19.8	104.6	24.3	165	10	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.
13..	N	Calm	NE	W	Calm	N	25.7	50.9	61.4	19.5	157.5	2	Ci.-Cu.	.....	5	Ci.	Cu.
14..	Calm	Calm	SE	SSW	NW	Calm	22.7	38.3	77.5	23.3	161.8	10	Ci.-S.	Cu.-N.	9	Ci.-S.	S.-Cu. E
15..	Calm	Calm	Calm	W	Calm	Calm	14.2	12.4	59.3	18.7	104.6	10	Ci.-S.	Cu.-N. E	9	Ci.-S.	S.-Cu. N
16..	NE	NE	S	SE	NW	Calm	16.1	36.2	74	14.8	141.1	3	Ci.	Cu.	6	Ci.-S.	S.-Cu.
17..	WNW	WNW	Calm	W	Calm	NE	34.1	28	42.9	36.8	141.8	9	Ci.-S.	Cu.-N.	10	Ci.-S.	S.-Cu.
18..	Calm	Calm	Calm	SW	W	NE	26.4	17.2	51.5	22.7	117.8	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu. SW
19..	N	NNE	SE	SE	E	N	26.6	38.1	83.4	19.3	167.4	5	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-Cu.
20..	NE	NNE	S	S	W	Calm	22	37.6	58.4	18.8	136.8	3	Ci.	Cu.	6	Ci.-S.	Cu. E
21..	Calm	SE	SSE	W	WNW	Calm	23.9	59.5	.....	.....	.....	8	Ci.-S.	Cu.-N. NE	5	Ci.-S.	Cu.
22..	Calm	Calm	Calm	E	W	Calm	.....	.....	101.4	27.4	.....	6	Ci.-Cu.	S.-Cu. NE	7	Ci.	Cu.-N. SE
23..	NNE	Calm	N	WNW	WNW	NNE	24.6	42.1	85.6	27.7	180	9	Ci.-S.	Cu.-N. N	8	Ci.-S.	Cu.-N. NE
24..	Calm	E	NE	E	SE	NNE	20.3	52.6	74.8	21.7	169.4	7	A.-Cu.	S.-Cu.	7	Ci.	Cu. ENE
25..	NNE	NE	SSE	S	W	Calm	26.4	64.2	79.5	32.8	202.9	6	Ci.-S.	S.-Cu. E	3	Ci.	Cu. E
26..	Calm	Calm	ENE	NE	NW	Calm	23.1	41.5	66?	20.7	151.3	5	Ci.-Cu.	Cu.	6	Ci.-S.	Cu.-N. E
27..	N	NNE	ENE	WSW	W	NNE	28.5	54.2	83.2	26.4	192.3	8	Ci.-S.	S.-Cu. N	2	Ci.-S.	Cu.
28..	N	NE	E	SE	WSW	NNE	29	47.5	83.2	23.1	182.8	3	Ci.	S.-Cu.	3	Ci.	Cu.-N. NE
Mean	.....	.....	.....	.....	.....	.....	22.8	39.1	69.2	23.7	152.6	7.4	.....	.....	6.8	.....	.....

ZAMBOANGA.

[$\phi = 6°\ 54'$ N; $\lambda = 122°\ 05'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.91 mm.]

MARCH, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1..	56.32	56.97	58.02	55.71	55.66	56.85	56.59	24.9	24.2	26.6	27.8	28	25.7	26.2	29.9	23	78	85	83	78	83	86	82.2	3
2..	56.09	56.52	57.65	55.47	56.10	57.01	56.47	25	23.5	29.6	30	28.2	25.6	27	32.9	22.6	83	97	69	64	76	87	79.3	.5
3..	56.21	56.79	57.70	55.73	56.11	57.40	56.66	25	23.9	27.8	28.7	27.7	25.4	26.4	32.9	23	87	94	79	78	81	80	83.2	22.9
4..	56.16	55.96	57.68	55.25	55.41	57.32	56.30	23	23.3	37.7	28.9	28	25.7	26.1	32.5	22.7	100	96	80	71	77	88	85.3	.....
5..	55.77	56.93	57.62	55.50	56.34	57.38	56.59	25.3	24.3	26.7	28.4	26.8	25.9	26.2	29.2	23.8	86	87	83	79	86	90	85.2	4.8
6..	56.76	57.08	57.38	55.77	56.20	57.34	56.76	25.2	24	31	33.2	28.2	25.6	27.9	33.9	22.9	91	94	63	55	79	89	78.5	.....
7..	56.37	56.87	57.88	55.85	55.63	56.86	56.58	25.2	24.7	27.8	29	28.2	25.7	26.8	30.2	24	87	89	82	77	83	81	83.2	.....
8..	55.83	56.12	56.97	55.11	55.12	56.52	55.94	25.2	24.2	30.8	33	28.9	25.4	27.9	34.2	23.4	83	91	60	48	74	86	73.7	.....
9..	55.85	56.09	57.63	55.94	56.23	57.59	56.56	25.3	25.1	28.8	29.5	28.3	26	27.2	30.2	24.1	84	83	76	76	79	88	81	.....
10..	56.77	57.27	58.21	55.87	55.48	57.31	56.82	25	24.6	28	29.7	28.4	26	27	30.5	21.1	87	86	79	73	77	82	80.7	13.5
11..	56.58	56.74	58.11	56.15	56.67	57.55	56.97	22.9	24.1	26.9	27.5	26.5	26.5	25.7	28.7	21	98	91	82	85	85	86	87.8	13.2
12..	56.71	56.83	58.68	56.65	56.86	57.84	57.26	25.4	22.9	25.8	25.8	25.9	25	25.1	27.7	22	92	92	84	78	80	83	84.8	6.4
13..	57.34	58.02	58.45	56.73	57.10	58.67	57.72	23.3	22.8	27.3	29.6	26.8	24.1	25.6	30.2	21.4	97	97	69	67	80	83	82.2	.....
14..	57.17	57.22	58.50	57.57	57.58	58.77	57.80	23.6	22.8	29.1	28.7	27.5	25.8	26.2	31.6	22.4	83	80	64	71	85	84	77.8	.....
15..	58.18	58.77	60.09	58.05	58	59.19	58.71	25.8	24.8	29.8	32.8	28.1	25.5	27.8	33	23.8	81	88	66	54	77	86	75.3	.....
16..	58.32	58.68	59.51	57.67	58.09	59.23	58.58	25.6	24	31.1	29.7	28.1	25	27.2	31.9	23.5	82	93	61	60	77	88	76.8	.....
17..	58.28	59.04	59.72	57.63	57.60	58.76	58.50	24.4	23.7	28	31.1	28.2	25.3	26.8	32	22.8	78	76	75	58	76	83	74.3	.....
18..	57.72	58.58	60.23	57.90	58.19	58.97	58.60	24.2	24.2	28.1	28.8	28.5	25.4	26.5	30.9	23.4	90	86	77	67	74	88	80.3	.....
19..	57.77	58.34	59.45	57.69	57.53	59.46	58.37	24.6	23.8	27.8	27	27.5	25.7	26.1	30.2	23.3	83	89	79	81	84	86	83.7	.....
20..	58.21	58.43	59.85	57.83	57.82	59.61	58.62	25.1	24.6	27.7	28	27.2	24.8	26.2	29.2	24	87	91	79	79	85	88	84.8	3.3
21..	58.62	59.17	60.78	58.24	59	60.56	59.40	24.5	23	28	29.7	27.6	26	26.5	31	22.6	87	96	70	63	80	84	80	.....
22..	59.23	59.66	60.64	58.66	58.55	59.85	59.43	24	22.6	31.1	29.3	27.8	25.3	26.7	32.4	22.1	86	91	59	69	79	88	78.7	.....
23..	58.72	58.90	60.08	58.20	57.85	59	58.79	24.3	23.6	31.1	28.7	27.7	25.3	26.8	33	23	89	85	62	75	81	86	79.7	.....
24..	58.22	58.76	59.70	57.52	57.93	59.21	58.56	24.6	24	29.4	28.2	27.4	25.4	26.5	32	23.3	85	91	67	76	83	88	81.7	.....
25..	58.24	58.82	59.90	58.12	57.89	59.01	58.66	24.5	24.3	30.2	31.5	27.9	24.8	27.2	33	23.2	87	86	61	59	74	78	74.2	.....
26..	58.49	58.85	59.47	57.52	58.08	59.69	58.68	24	23.9	28	29	27.7	26	26.4	30.2	22.8	81	85	74	71	79	85	79.2	.....
27..	58.58	59.02	59.98	58.97	58.88	59.70	59.19	24.4	23.5	30.8	28.7	27.8	25.7	26.8	33	22.5	87	85	59	75	84	83	78.8	.....
28..	58.54	59.44	60.87	59.25	59.35	61	59.74	24.2	23.8	28.5	28.1	28	25.8	26.4	30.2	23	85	86	74	77	76	85	80.5	.....
29..	59.80	60	61.50	59.41	59.43	61.04	60.20	24.9	24.6	26	25.1	27.2	25.6	25.6	29.1	23.9	85	90	92	95	79	84	87.5	6.4
30..	59.95	60.06	60.55	58.28	58.36	60.16	59.56	24.7	24.2	28.2	28	27.5	24.8	26.2	30.2	23	89	95	74	76	78	88	83.3	1.5
31..	58.86	59.59	60.38	58	58.49	60.33	59.28	24.6	23.6	28.1	29.1	28.5	25.5	26.6	30.9	22.7	88	90	73	67	74	88	80	.....
Mean	57.60	58.05	59.13	57.17	57.34	58.68	58	24.6	23.9	28.6	29.1	27.7	25.5	26.6	31.2	22.9	86.6	89.2	72.7	71	79.5	85.5	80.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	75.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and dirrection.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	NNE	Calm	W	W	NNE	19.9	29.2	74	18.7	141.8	7	Ci.-S.	S.-Cu. NE	6	Ci.	Cu.-N. NE
2..	Calm	Calm	E	SE	WNW	NNE	22.5	52.6	91.4	24.1	190.6	8	A.-S.	S.-Cu.	4	Ci.	Cu.
3..	Calm	N	S	SE	WNW	Calm	23.1	53.7	91.7	27.9	196.4	6	Ci.	Cu.-N. E	3	Ci.	Cu.
4..	Calm	NE	SE	ESE	WNW	Calm	24.6	60.7	97.1	33.2	215.6	3	Ci.	S.-Cu.	3	Ci.	Cu.
5..	Calm	N	Calm	W	W	Calm	19.9	26.8	96.6	46.5	189.8	8	A.-Cu.	S.-Cu.	3	Ci.	Cu.
6..	SE	Calm	E	NE	W	Calm	21.9	44.3	66.5	23.1	155.8	8	A.-Cu.	S.-Cu.	3	Ci.	Cu.
7..	NE	Calm	SW	W	W	N	17.7	37	64.2	22.7	141.6	5	Ci.-S.	S.-Cu.	3	Ci.	Cu.
8..	NNE	Calm	E	NE	Calm	Calm	19.3	44.5	76.1	17.9	157.8	2	Ci.	Cu.	2	Ci.	Cu.
9..	Calm	Calm	N	SSE	NW	N	21.1	41.2	73	19.9	155.2	9	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu.
10..	Calm	Calm	SW	W	W	N	12.3	38.6	57.1	29.5	137.5	6	Ci.	S.-Cu.	4	Ci.-Cu.	S.-Cu.
11..	Calm	NW	Calm	W	WNW	W	19.9	30.8	85.8	85.3	221.8	10	Ci.-S.	Cu.-N.	6	Ci.-S.	S.-Cu.
12..	W	Calm	SW	W	WNW	NW	52.3	60	119.6	55.8	287.7	10	Ci.-S.	Cu.-N. NE	9	Ci.-S.	Cu.-N. E
13..	Calm	NE	W	E	E	NNE	41.6	27.1	50.2	20.1	139	9	Ci.-S.	Cu.-N. E	9	Ci.-S.	Fr.-N. E
14..	Calm	Calm	W	W	W	N	15.8	63.9	93.9	23	196.6	1	Ci.-Cu.	.....	4	A.-Cu.	S.-Cu.
15..	Calm	Calm	ESE	E	E	Calm	16.3	75.9	64.2	15.8	172.2	3	Ci.-Cu.	S.-Cu.	9	Ci.-S.	S.-Cu. NE
16..	NE	Calm	NE	SE	W	Calm	20.9	60.6	93	21.4	195.9	1	.....	Cu.	2	Ci.	Cu.
17..	NNE	NE	WSW	NE	WNW	N	23.9	39.4	60.4	20.9	144.6	1	.....	Cu.	3	Ci.-S.	Cu.-N.
18..	NW	NNE	ESE	SE	W	Calm	26	65.2	69.2	18.8	179.2	6	Ci.-S.	Cu.-N.	4	Ci.-S.	Cu.-N. ENE
19..	NNE	NE	S	WNW	W	Calm	31.1	37.5	86.1	41.5	196.2	2	Ci.	S.-Cu.	7	Ci.-S.	N. NNE
20..	Calm	Calm	SE	W	WNW	Calm	21.1	33	95	30.4	179.5	7	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. W
21..	Calm	Calm	SSE	ESE	W	Calm	22.2	29.6	88.5	39.7	180	9	Ci.-S.	Cu.-N. NNE	7	Ci.-Cu.	Cu. NE
22..	Calm	Calm	E	S	W	N	16.4	46.9	60.9	29.2	153.4	2	Ci.	Cu.	5	Ci.	Cu. NE
23..	NNE	Calm	NE	WNW	W	NNE	25.7	44.1	83.9	35.1	188.8	6	Ci.-S. NW	S.-Cu.	7	Ci.-S.	Cu.-N. N
24..	NNE	NNE	ESE	NW	WSW	Calm	25.5	52	65.5	20.3	163.3	7	Ci.-S.	S.-Cu.	8	Ci.-S.	N. E
25..	NNE	Calm	NE	E	W	NNE	19.8	51.2	62.2	23.9	157.1	7	Ci.-S.	S.-Cu. E	6	Ci.-S.	S.
26..	NNE	N	SSE	WSW	WNW	NW	27.7	38.3	84.5	48.8	199.3	3	Ci.	S.-Cu.	2	Ci.	Cu.
27..	WNW	Calm	E	W	W	Calm	15.8	69.4	96.8	22.7	204.7	3	Ci.	S.-Cu.	8	Ci.-S.	S.-Cu.ENE
28..	N	Calm	SSW	WNW	W	Calm	17.1	37	70.2	17.5	141.8	7	Ci.-S.	Cu.-N. NE	9	Ci.-S.	S. SW
29..	NE	Calm	NE	WNW	W	WNW	20.4	22.3	79.1	40.2	162	10	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
30..	Calm	Calm	SE	SE	NW	Calm	24.9	58.5	65.5	16.7	165.6	10	Ci.-S.	N. NE	5	Ci.-S. WWN	Cu.-N. NE
31..	Calm	NNE	S	SE	SW	Calm	16.3	47.7	67.3	20.9	152.2	7	A.-Cu. NE	S.-Cu.	6	Ci.	Cu.-N. W
Mean	.....	.....	.....	.....	.....	.....	22.7	45.8	78.4	29.4	176.2	5.9	.....	.....	5.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,463	.....	.....	.....	.....	.....	.....

ZAMBOANGA.

[$\phi = 6°\ 54'$ N; $\lambda = 122°\ 05'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.91 mm.]

APRIL, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.97	59.40	60.42	58.09	57.90	59.49	59.04	24.6	24	28	26.7	27.4	24.7	25.9	29.2	23.2	87	86	76	83	83	87	83.7	10.2
2..	58.30	58.53	59.39	57.07	57.35	59.20	58.31	23.7	23.2	27.7	29	28.5	26.5	26.4	30.7	22.5	86	91	81	71	74	85	81.3	5.3
3..	58.16	58.28	59.32	57.19	57.71	59.36	58.34	24.8	23.5	27.8	29	28	25.7	26.5	30.9	23.2	87	98	74	72	71	83	80.8	.....
4..	57.81	58.38	59.35	57.46	57.86	59.34	58.37	25.6	24.1	27.7	28.5	27.4	26.4	26.6	30.2	23.3	88	86	79	77	78	81	81.5	1.8
5..	58.42	58.98	59.48	57.53	57.75	59.45	58.60	24.6	24.1	29	28.4	27.5	25.7	26.6	30.9	23.1	85	94	69	75	81	89	82.2	.....
6..	57.92	57.92	59.24	57.31	57.31	59.05	58.12	24.7	24.1	26.1	27	27.3	25	25.7	28.9	23.4	91	87	88	84	79	83	85.3	.....
7..	57.78	57.97	59.32	57.01	56.77	58.82	57.94	24.8	24.2	25.8	26.6	26.7	24.7	25.5	29.3	23.4	82	88	90	83	85	89	86.2	1.3
8..	57.05	57.07	58.41	56.28	56.65	58.15	57.27	23.9	23.8	27.8	28.9	28.8	25.8	26.5	30.2	23	86	83	79	70	71	87	79.3	.....
9..	57.07	57.66	59.15	56.79	56.91	58.72	57.72	25.6	24.7	28.3	29.4	28.1	25.8	27.[illegible]	29.9	23.9	81	78	78	69	82	85	78.8	.....
10..	57.37	57.99	59.40	56.83	57.39	58.12	57.85	24.6	23.8	27.7	27.8	27	25.7	26.1	29.9	23.1	86	91	82	80	87	93	86.5	.....
11..	56.72	57.22	57.94	55.55	56.19	58.10	56.95	24.4	22.9	29.2	28.8	26.9	25.3	26.2	32	22.4	87	90	70	73	83	91	82.3	.....
12..	56.31	57.52	58.35	56.24	56.54	58.05	57.17	24	24	27.3	28.9	27.4	25.9	26.2	30.3	23.2	92	89	82	74	77	86	83.3	.....
13..	57.08	57.50	58.99	57.54	57.56	59.15	57.97	25	23.6	28	28.6	27.6	26	26.5	30.2	22.9	92	90	77	73	81	89	83.7	.....
14..	58.39	58.65	59.69	58.04	58.54	60.16	58.91	24	23.5	27.4	28.3	26.6	24.9	25.8	29.3	22.6	92	92	84	78	86	84	86	.....
15..	59.04	58.95	59.50	57.30	57.67	58.71	58.53	23.5	23.4	27.7	29.3	27 7	25.3	26.2	29.8	22.1	90	86	83	72	82	85	83	.....
16..	57.73	58.14	58.61	56.75	56.74	58.32	57.72	24	23.5	27.6	29	28.7	25.9	26.4	30.2	23	90	90	83	71	77	86	82.8	.....
17..	57.89	58.47	59.74	57.38	57.08	58.75	58.22	24.6	24.1	26	29.1	28	25.2	26.2	30.5	23.2	87	86	87	73	74	85	82	.....
18..	57.92	58.32	59.35	56.98	56.80	58.57	57.99	24.7	24.3	28.4	28.8	28.4	26	26.8	30.9	23.3	84	82	75	74	73	82	78.3	.....
19..	57.54	57.88	59.19	57.01	56.84	58.46	57.82	24.5	24.2	27	27.5	27.6	25.5	26	29.7	23.5	87	91	83	81	76	88	84.3	.....
20..	57.61	57.34	58.35	56.03	56.09	57.74	57.19	24.6	24.4	27.9	29	28.4	26	26.7	30.2	23.7	86	82	74	76	78	87	80.5	.....
21..	56.25	56.57	58.05	55.82	56.23	58.48	56.90	25.8	25	28	29.3	27.5	24.2	26.6	30.2	23.7	84	88	82	72	84	98	84.7	19.9
22..	56.93	57.26	58.24	56.10	56.85	57.14	57.09	23.4	23.4	27	30.2	28.4	26.8	26.5	30.9	22.7	97	98	87	69	80	78	84.8	5.8
23..	55.40	56.37	57.39	56.09	56.65	58.72	56.77	25.9	25	28.6	29	27.8	27.1	27.2	30.9	24.5	84	90	79	75	77	87	82	.....
24..	57.58	57.92	59.24	56.80	57.25	58.95	57.96	24.8	24.3	27.9	28.8	28	26.8	26.8	29.9	23.6	88	89	82	79	80	83	83.5	.8
25..	57.85	58.21	59.15	57.16	57.51	58.50	58.06	25.6	24.9	27.2	28.5	27.4	25.8	26.6	28.9	24.1	87	91	84	77	85	88	85.3	.....
26..	57.13	57.48	58.46	56.72	56.75	58.45	57.50	24.7	24.2	28.7	29	27.9	25.8	26.7	30.2	23.6	88	86	76	78	83	85	82.7	.....
27..	57.12	57.39	58.84	57.03	57.23	58.31	57.65	25.5	24.7	27.9	28.7	28	26.4	26.9	29.9	24	83	84	80	77	76	81	80.2	.....
28..	57.31	57.77	58.41	56.45	56.73	57.99	57.44	24.5	23.7	28	29	28.3	25.7	26.5	30.2	23	87	88	81	76	77	88	82.8	.....
29..	56.82	57.39	58.14	55.95	55.99	57.65	56.99	24.9	24.4	28	29.2	27.9	25.3	26.6	30.2	23.6	86	87	77	73	82	84	81.5	.....
30..	56.68	56.88	58.26	56.44	56.53	57.88	57.11	25	25	28.4	30.2	28.2	25.8	27.1	32.9	24	83	88	85	62	75	85	79.7	.....
Mean	57.47	57.85	58.91	56.83	57.05	58.59	57.78	24.7	24.1	27.7	28.7	27.8	25.7	26.4	30.2	23.3	87.1	88.3	80.2	74.9	79.2	86.1	82.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NNE	NNE	SSE	W	W	N	27.6	39.1	38.9	23.6	129.2	5	Ci.	Cu.	9	Ci.-S.	N. S
2..	NNE	NE	W	W	W	Calm	23.9	34.1	62.6	36.8	157.4	2	Ci.	S.-Cu.	3	Ci.	Cu.
3..	N	NW	S	W	W	Calm	23.6	39.4	86.7	46.5	196.2	9	Ci.-S.	N.	5	Ci.	S.-Cu.
4..	Calm	Calm	W	W	NW	WNW	18.3	42.3	90.1	48.8	199.5	9	Ci.-S. SW	S.-Cu. E	9	Ci.-S.	S.
5..	ENE	Calm	E	SSE	W	Calm	18.8	40	73.5	24.6	156.9	10	.....	N.	6	A.-Cu. SSE	S.-Cu.
6..	Calm	NNE	ENE	SSE	Calm	Calm	20.7	.....	a13.4	17.2	b51.3	8	Ci.-S.	N.	9	Ci.-S.	S.-Cu. NW
7..	NE	Calm	E	SE	E	NE	22.8	29.5	47.3	18	117.6	6	Ci.	Cu.-N. E	9	Ci.-S.	Cu.-N.
8..	NE	ENE	SSE	SE	E	Calm	25.2	49.9	102.4?	16.6	194.1	8	Ci.-S. NE	S.-Cu.	7	Ci.-S.	cu.-N. ENE
9..	Calm	NNE	SE	SE	W	NE	22.3	37.3	79.5	19.5	158.6	6	A.-S.	Cu.-N. E	7	Ci.-S.	S.-Cu.
10..	N	NNW	W	NW	Calm	Calm	26.8	40	55.2	24.1	146.1	4	Ci.	Cu.	9	Ci.-S.	N. NE
11..	N	NNE	ESE	SE	NE	NE	32.2	57.1	94.4	18.3	202	3	Ci.	S.-Cu.	6	Ci.	Cu.-N.
12..	Calm	NNE	SE	SSE	NW	NW	25.2	48.8	78.3	33.3	185.6	9	Ci.-S.	Cu.-N.	7	Ci.-S.	N. W
13..	NW	Calm	SSE	W	WNW	Calm	20.1	36.8	63.4	27.2	147.5	6	Ci.	S.-Cu.	8	Ci.-S.	N. E
14..	Calm	Calm	WSW	NW	NW	Calm	8.5	41	67.4	25.7	142.6	10	Ci.-S.	Cu.-N.	9	Ci.-S.	N. W
15..	N	Calm	W	SW	N	NNE	19.1	34.4	33.3	25.2	112	5	Ci.-S. SW	S.-Cu.	7	Ci.-Cu. E	S.-Cu.
16..	NNE	N	SSW	SE	Calm	Calm	29	36.2	78.6	14.3	158.1	5	Ci.	S.-Cu.	5	Ci.	Cu.-N.
17..	NNE	NE	N	SSE	Calm	N	29.3	30.8	53.6	20.7	134.4	9	Ci.-S.	S.-Cu.	6	Ci.-S.	S.-cu. ENE
18..	NE	NNE	SSE	WSW	W	Calm	24.1	54.5	57.3	34.6	170.5	6	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N. E
19..	NNW	N	ESE	S	W	N	25.5	48.1	49.7	29.5	152.8	10	Ci.-S.	N. E	9	Ci.-S.	S.-Cu.
20..	NNE	NE	SW	W	W	NNE	27.9	37.6	104	42.9	212.4	9	Ci.-S.	Cu.-N.	3	Ci.	Cu.
21..	N	Calm	S	W	WSW	NE	36.7	53.1	73.5	34.8	198.1	8	Ci.-S.	S.-Cu.	6	Ci.-S.	S.-Cu.
22..	Calm	NE	ENE	ESE	ESE	NE	23.8	54.1	97.6	34.3	209.8	10	Ci.-S.	N.	5	Ci.-S. S	s.-cu. NNE
23..	Calm	Calm	W	W	W	WNW	16.3	63.3	107.6	45.1	232.3	2	Ci.	S.-Cu.	3	Ci.-S.	S.-Cu.
24..	Calm	Calm	SW	W	W	W	16.7	39.7	106.2	48.1	210.7	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
25..	NNW	Calm	W	WNW	W	NNE	19.1	79.1	102.8	24.1	225.1	7	Ci.-S.	S.-Cu.	7	Ci.-S.	S.-Cu.
26..	Calm	Calm	SSE	W	W	Calm	17.4	35.6	90.1	45.4	188.5	5	Ci.	S.-Cu.	3	Ci.-S.	Cu.-N.
27..	NNW	Calm	W	W	WNW	NW	19.6	48	104.3	41.6	213.5	9	Ci.-S.	S.-Cu. E	3	Ci.	S.-Cu.
28..	NNW	N	W	WNW	WNW	Calm	20.4	42.9	99.8	23.5	186.6	3	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N. NE
29..	N	Calm	Calm	SSW	Calm	NNE	24.9	24.9	54.7	22.2	126.7	8	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. E
30..	NNE	Calm	N	SSE	Calm	Calm	29.6	28	63.1	20.7	141.4	9	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	23.2	43	74.3	29.6	168.6	7	.....	.....	6.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,057.5	.....	.....	.....	.....	.....	.....

ZAMBOANGA.

[$\phi = 6°\ 54'$ N; $\lambda = 122°\ 05'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.91 mm.]

MAY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.47	57.73	58.93	56.67	57.39	59.20	57.90	25.4	25.2	28	29.5	28.1	26	27	30.2	24.2	88	88	80	73	77	80	81	0.8
2..	56.85	57.31	59		56.66	57.21	58.82	57.64	25.6	24.8	28	28.3	28.3	26.1	26.8	29.9	24.4	88	92	81	80	74	86	83.5	2.3
3..	57.25	57.45	58.70	56.36	57.11	59.47	57.72	25.3	26	28.5	28.4	28.2	23	26.6	29.4	22.9	89	92	73	79	80	98	85.2	9.8
4..	58.21	58.26	59.29	57.10	57.41	59.30	58.26	25	24.5	27.7	28.2	27.7	26	26.5	29.4	22.7	92	92	81	82	74	84	84.2	.....
5..	57.75	57.88	59.35	58.15	58.88	59.74	58.62	25.2	24.6	28.4	26.3	25	24.5	25.7	29.8	23.6	85	87	75	88	91	92	86.3	6.4
6..	57.94	58.54	59.31	56.83	57.66	59.45	58.29	24	24	29.2	31.3	27.9	26.3	27.1	31.5	23.3	87	88	74	63	79	86	79.5	.....
7..	58.36	57.94	59.38	57.30	57.59	59.18	58.29	25.3	25	28.6	28.9	25.8	25	26.3	30.8	24	89	88	78	76	90	92	85.5	15.1
8..	57.78	58.32	59.30	57.58	57.90	59.98	58.48	25	24.5	28.4	31	27.9	26.1	27.2	31.9	24	88	92	82	65	79	85	81.8	10.4
9..	59.03	59.45	59.50	57.64	58.45	60.19	59.04	24.7	24.1	27.9	28.4	27.7	26	26.5	29.2	23.5	90	95	77	72	81	84	83.2	.5
10..	58.76	59.34	59.78	57.68	57.78	59.98	58.89	24.6	24.1	27	28	27.5	26.5	26.3	28.9	22.9	87	91	86	79	84	84	85.2	4.7
11..	58.28	58.62	59.58	57.59	58.30	59.71	58.68	25	25.3	27	27.1	22.2	24.4	25.2	28.9	21.9	90	89	80	81	98	89	87.8	10.8
12..	58.34	58.77	60.33	58.47	58.93	60.51	59.22	23.9	24.2	25.9	23.5	24.7	23.4	24.3	28.1	22.8	94	94	91	99	94	91	93.8	13.2
13..	59.15	59.18	60.23	58.13	58.40	60.08	59.20	23.8	23.2	29.4	30.2	28.8	26	26.9	31.5	22.9	91	90	73	68	77	87	81	.....
14..	59.08	59.92	61.35	58.78	59.09	60.91	59.86	24.9	24.7	28.2	28.3	26.8	24.7	26.3	30.2	23.9	84	86	80	75	83	86	82.3	.5
15..	59.52	60.17	60.90	59.13	59.51	60.46	59.95	24.2	23.8	26.7	26.4	26.4	24	25.2	27.5	23	84	91	86	89	84	91	87.5	3.1
16..	58.49	59.49	60.35	58.10	58.60	60.23	59.21	24	24.1	27.5	28.5	27.7	25.2	26.2	29.3	23.1	91	92	78	76	82	90	84.8	.....
17..	58.88	58.83	59.93	58.01	58.40	60.18	59.04	24.8	24.8	27.8	31.2	27.9	25.9	27.1	32.9	23.8	88	85	84	64	81	81	80.5	2.1
18..	59.20	59.08	59.75	57.93	58.20	60.13	59.05	25.2	24.7	31.1	29.2	28.6	26.9	27.6	32.9	23.9	85	88	64	76	80	77	78.3	.....
19..	58.66	58.44	59.49	56.90	56.99	58.35	58.14	24.7	24.2	29.3	29.5	28.4	26.2	27	29.9	23.3	86	83	72	70	80	89	80	3.8
20..	57	57.72	58.86	56.89	57.14	58.21	57.64	26.5	24.5	27.4	28.4	27.5	25.3	26.6	29.7	23.7	88	92	86	80	84	88	86.3	.5
21..	57.39	57.81	59.03	56.73	57.30	59.25	57.92	24.5	24	27.8	28.2	28	25.6	26.4	28.9	23.2	86	91	79	77	79	90	83.7	.....
22..	57.88	58.21	59.15	57.34	58.09	60.09	58.46	24.8	24.1	28.3	27.6	26.7	25.6	26.2	29	23.3	90	91	74	84	77	85	83.5	.....
23..	59.17	58.67	59.39	58.54	58.80	60.29	59.14	24.5	23.4	28	28.5	27.6	25	26.2	29.4	22.3	87	86	68	74	79	88	80.3	.....
24..	58.79	58.99	59.73	58.10	58.11	59.49	58.87	24.4	23.8	27.8	29.6	27.8	25.5	26.5	30.8	22.8	85	81	77	70	79	86	79.7	.....
25..	58.27	58.09	59.25	57.63	57.56	58.95	58.29	25.1	25.1	27.7	28.3	27.8	25.5	26.6	28.8	24.1	89	88	79	72	82	88	83	.....
26..	58.32	58.79	59.28	57.70	57.98	58.97	58.51	24.5	24.3	28	26.7	27.4	24.4	25.9	29.5	23.1	87	86	78	74	81	87	82.2	.....
27..	57.81	58.69	59.83	57.95	58.10	59.70	58.68	24	23.4	28.3	27.3	27.3	25.3	25.9	28.9	22.5	84	82	72	86	75	80	79.8	7.1
28..	58.72	58.52	59.21	57.34	58.47	58.72	58.50	23.7	22.9	26.7	28	25	24.1	25.1	29.2	22.1	91	93	78	72	92	92	86.3	9
29..	57.47	58.54	58.83	57.04	56.91	58.78	57.93	24	24.2	27.6	28.1	27.7	25.5	26.2	29.1	23	88	86	81	68	65	81	78.2	.8
30..	57.77	58.27	59.29	58.09	58.51	59.20	58.52	24.5	24.4	27.7	27.2	26.6	25.5	26	29.5	23.5	87	93	76	85	81	91	85.5	.3
31..	57.92	58.68	59.80	57.88	58.25	59.33	58.64	25	24.6	28.6	29.5	28.8	26.4	27.2	30.9	24.1	85	87	73	70	76	87	79.7	6
Mean	58.24	58.57	59.55	57.62	58.03	59.58	58.60	24.7	24.3	28	28.4	27.2	25.4	26.3	29.9	23.3	87.8	89	77.9	76.4	81.2	86.9	83.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	107.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	WSW	WNW	Calm	Calm	21.1	41.5	.....	.....	.....	10	Ci.-S.	N.	7	Ci.-S.	Cu.-N.
2..	N	Calm	SSE	W	Calm	Calm	.....	.....	.....	.....	.....	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
3..	NNE	WSW	NW	W	E	Calm	.....	.....	.....	.....	.....	10	Ci.-S.	N. W	10	Ci.-S.	Cu.-N.
4..	NW	Calm	WSW	W	WNW	Calm	.....	.....	.....	.....	.....	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N. SE
5..	Calm	Calm	WSW	SW	NW	NE	.....	.....	.....	.....	.....	9	Ci.-S.	Cu.-N. SE	10	.....	N. SW
6..	Calm	Calm	Calm	E	ESE	Calm	.....	.....	103.8	34	.....	10	Ci.-S.	N.	8	Ci.-S.	Cu.-N. E
7..	Calm	NE	SSE	W	N	NE	23.3	31.2	46.9	22.2	123.6	9	Ci.-S.	Cu.-N. E	7	A.-Cu.	Cu.-N. E
8..	NNE	NNE	Calm	E	E	NNE	20.7	25.1	66.6	24.4	136.8	4	Ci.	Cu.-N.	8	Ci.-S.	Cu.-N. E
9..	N	NE	E	S	WNW	Calm	24.4	43.1	60.7	30.4	158.6	10	Ci.-S.	N.	4	Ci.-S.	S.-Cu.
10..	Calm	NE	SE	WSW	W	WNW	16.6	56.6	93	44.1	210.3	10	Ci.-S.	N.	2	Ci.	Cu.
11..	NW	WSW	WN	SE	SW	NNE	54.4	43.5	29.6	36.5	164	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
12..	Calm	NE	N	NNE	Calm	NNE	28.4	39.4	21.7	23	112.5	9	A.-Cu.	N. SE	9	.....	N.
13..	Calm	NNE	ENE	NE	ENE	Calm	22.7	47.2	81.3	21.1	172.3	9	A.-Cu.	Cu.-N.	9	Ci.-S.	Cu.-N.
14..	NE	NE	SE	SSE	Calm	E	27.1	30.9	47.7	19	124.7	7	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.-N.
15..	N	NE	S	Calm	W	NE	18.7	20.7	33.6	30.9	103.9	9	Ci.-S.	N. E	9	Ci.-S.	N.
16..	N	NW	WSW	SW	WSW	NNW	23.8	35.4	42.1	33.2	134.5	6	Ci.-S.	Cu.-N.	8	A.-Cu.	N. ENE
17..	NNE	NNE	E	E	SE	Calm	24.9	36.8	81.1	28.5	171.3	4	Ci.	S.-Cu.	8	Ci.-S. WSW	Cu.-N. E
18..	Calm	N	NE	SE	WNW	Calm	22.7	38.4	92.2	46.4	199.7	4	Ci.	S.-Cu.	2	Ci.-S.	Cu. N
19..	Calm	NE	SSE	WSW	WSW	Calm	23.3	33.3	67.6	39.1	163.3	7	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. NNE
20..	SSE	NE	Calm	NW	W	Calm	55	23.9	48.5	14.3	141.7	10	Ci.-S.	N. E	9	A.-Cu.	Cu.-N. W
21..	NNE	Calm	SW	WSW	WNW	NNE	20.1	27.6	75.3	20.3	143.3	8	Ci.-S.	Cu.-N. SE	5	Ci.	Cu.-N.
22..	Calm	NE	S	WSW	NNW	Calm	21.9	34.6	78.7	14.8	150	3	Ci.	Cu.-N.	9	Ci.-S.	Cu.-N.
23..	NNE	N	WSW	WNW	WNW	Calm	24.4	15.6	64.1	15.9	120	6	A.-Cu.	S.-Cu. N	7	A.-Cu. SW	Cu.-N. NNE
24..	Calm	NE	SE	WNW	WNW	Calm	26.8	55.8	88.5	29.3	200.4	5	Ci.	S.-Cu.	5	Ci.	Cu.-N. NW
25..	NNW	WNW	WSW	WNW	WNW	Calm	28.2	55.7	118.9	36.5	239.3	7	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
26..	NNE	NNE	S	N	Calm	N	23	35.4	38.4	22	118.8	6	Ci.-Cu.	S.-Cu.	7	Ci.-S.	Cu.-N. E
27..	Calm	N	SSE	WSW	NW	N	26.2	39.9	65.4	73	204.5	7	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N. WSW
28..	NE	NNE	Calm	SSW	WSW	Calm	21.5	30.8	58.4	48.5	159.2	10	.....	N.	9	Ci.-S.	Cu.-N. E
29..	N	NNW	W	WNW	WNW	NNE	24.1	79.4	130	31.6	265.1	7	A.-Cu.	Cu.-N. N	6	A.-Cu.	Cu.-N. E
30..	NE	NE	W	WNW	WNW	N	22.5	52.3	102	26.6	203.4	10	Ci.-S.	N. SW	9	Ci.-S.	N. W
31..	Calm	Calm	SE	E	E	Calm	20.1	57.3	124.7	30.3	232.4	8	Ci.-S.	N.	3	Ci.	Cu. E
Mean	.....	.....	.....	.....	.....	.....	25.6	39.7	71.6	30.6	166.1	7.8	.....	.....	7.4	.....	.....

ZAMBOANGA.

[$\phi = 6°\ 54'$ N; $\lambda = 122°\ 05'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.91 mm.]

JUNE, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.20	58.25	59.18	57.37	57.18	58.42	58.10	25.2	25.1	29.7	29.6	28.9	25.7	27.4	32.3	24.4	95	96	71	74	76	91	83.8	3.6
2..	57.37	57.64	58.66	56.44	56.50	58.16	57.46	25.2	24.8	28.4	29.3	27.2	25	26.6	29.7	24	92	93	82	76	83	97	87.2	3
3..	56.71	57.44	57.85	56.43	56.40	57.56	57.06	23.8	23.8	27.7	28	28	26	26.2	28.9	22.8	90	89	82	80	82	87	85	.....
4..	56.36	57.19	58	56.44	56.70	58.70	57.23	24.9	24.8	27.7	29	28.1	25.5	26.7	29.3	24	89	88	78	71	72	86	80.7	.....
5..	57.18	57.92	59.09	57.55	57.81	59.49	58.17	25.1	25.3	27.6	27.9	27.2	26.5	26.6	28.9	24.2	84	86	77	75	86	87	82.5	1.3
6..	58.47	58.37	59.60	58.09	58.06	58.81	58.57	25	24.4	27.9	28.3	27.9	25.3	26.5	29.8	23.8	92	92	81	77	77	86	84.2	.3
7..	57.92	58.17	59.16	57.43	57.76	59.31	58.29	25	24.2	26.8	29	26.1	25.2	26	29	23.5	90	91	84	75	83	87	85	.....
8..	58.22	58.72	59.68	58	58.70	60.11	58.90	26.5	23.9	26.3	28	25.5	24.4	25.8	29.2	23.5	85	91	88	79	88	91	87	11.1
9..	59.37	58.89	59.60	58	58.80	59.89	59.09	24.2	22.9	28.6	28.2	27.5	24	25.9	29.3	22.5	85	93	73	76	77	90	82.3	13.8
10..	59.56	59.32	59.63	58.17	58.11	59.63	59.07	23.9	23.4	27.3	27	26.6	25.4	25.6	28.9	23	94	96	78	80	81	90	86.5	2.8
11..	58.29	57.72	58.43	56.73	57.16	58.20	57.76	24.9	24	28	30.2	28	26.2	26.9	30.9	23	86	89	74	71	76	87	80.5	9
12..	57.05	57.48	58.47	56.59	57.47	58.53	57.60	24.9	23.6	24.7	28.5	26.1	24.2	25.3	29.9	23	92	97	93	70	86	93	88.5	8.6
13..	57.98	57.99	58.11	56.49	57.10	58	57.61	24	23.2	27.5	28.2	28.2	26	26.2	29.2	22.5	88	95	73	69	74	87	81	.....
14..	57.12	58.08	58.71	56.77	57.65	58.83	57.86	24.2	24	28.2	29.2	28.4	25.1	26.5	30.2	22.9	84	85	69	70	71	86	77.5	.....
15..	57.91	58.28	59.08	58.03	58.40	59.43	58.52	24.8	23.9	28.3	28.8	28.2	25.5	26.6	29.2	22.9	85	89	75	73	78	86	81	.....
16..	58.12	57.79	58.85	57.48	57.35	59.03	58.10	24.5	24.7	28	26.5	27.7	26.5	26.3	29.5	24.2	89	86	75	75	77	86	81.3	.....
17..	57.47	57.84	58.48	56.96	57.48	59.07	57.88	25.2	24	28	26.1	26	24.5	25.6	28.4	23.5	85	86	83	87	82	90	85.5	7.6
18..	57.42	57.99	59.20	58.17	58.91	60.65	58.72	24.6	24.2	27.3	24	24.9	24.6	24.9	28	23.2	93	91	78	97	92	91	90.3	13.5
19..	59	59.40	60.39	58.97	59.29	60.54	59.60	24	22.5	26.9	28.6	27.3	25	25.7	29.2	22.1	90	90	79	66	82	86	82.2	.....
20..	59.27	59.36	60.18	58.58	58.64	60.11	59.36	24.7	24.9	29.2	29	28.5	25.8	27	30.2	23.9	84	86	69	76	78	84	79.5	.....
21..	58.50	58.82	59.74	58.05	57.87	59.28	58.71	25.4	24.9	28	27.8	26.8	25.9	26.5	28.6	23.8	88	92	83	82	84	83	85.3	1
22..	58.82	58.41	59.23	57.38	57.34	58.80	58.33	24.5	23.5	27.7	27.5	27.3	25.2	26	30.2?	22.7	87	91	79	81	76	87	83.5	.3
23..	58.27	58.24	58.76	56.38	56.80	58.51	57.83	25.2	23.8	27.7	29.6	27.5	25	26.5	31	23.1	82	83	76	67	79	80	77.8	.....
24..	58.19	58.53	59.24	58.22	58.71	59.07	58.66	24.4	22.7	28	26.9	26.1	24.2	25.4	28.5	22.1	77	87	79	76	87	85	81.8	.....
25..	57.98	58.17	58.52	57.05	57.29	58.58	57.93	23.5	23	24.2	27.7	27.3	25.5	25.2	28	21.9	87	89	98	72	78	78	83.7	8.6
26..	57.88	58.19	58.92	57.33	57.50	59.05	58.14	24.2	25.3	27.7	27.6	27	25	26.1	28.2	23.3	84	76	68	73	77	94	78.7	8.1
27..	57.84	58.26	58.82	57.71	58.43	59.79	58.48	24.2	24.2	28.6	31.5	27.7	25.7	27	32	23.3	92	94	70	63	81	91	81.8	.....
28..	59.05	59.39	59.84	58.13	58.63	60.43	59.24	25.1	24.8	25.7	29.1	28.5	25.8	26.5	30	24.2	91	90	96	68	76	86	84.5	5.6
29..	59.95	60.05	60.15	57.88	57.73	59.63	59.23	25.2	24.9	27.2	28.3	27	25	26.3	28.8	23.8	89	89	78	79	85	89	84.8	22.9
30..	58.70	58.72	58.74	57.57	57.65	59.25	58.44	24.5	23.3	27.4	25.8	25	24.3	25	28	23.2	90	98	76	85	90	92	88.5	1.9
Mean	58.14	58.35	59.08	57.48	57.78	59.16	58.33	24.7	24.1	27.5	28.2	27.2	25.3	26.2	29.4	23.3	88	89.9	78.8	75.4	80.5	87.8	83.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	123

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	N	SE	SE	Calm	22.3	62.8	93.8	21.9	200.8	8	A.-Cu.	N. E	3	Ci.-S.	Cu. N
2..	N	N	SW	W	WNW	Calm	22.2	37.8	114.5	43.3	217.8	3	Ci. E	S.-Cu.	3	Ci.-S.	Cu.
3..	NE	NE	SSW	WSW	W	Calm	26	30.4	75	27.6	159	9	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.-N. W
4..	Calm	SE	S	W	WNW	Calm	14.5	45.3	70.3	19.8	149.9	9	A.-Cu.	N. E	2	Ci.	Cu.
5..	Calm	Calm	SW	NW	WSW	Calm	17.1	56.6	93.6	33.2	200.5	9	Ci.-S.	N. E	7	A.-Cu.	Cu.-N. WSW
6..	Calm	Calm	S	WNW	Calm	NE	17.7	42.8	45.6	18.5	124.6	8	A.-Cu.	Cu.-N. ENE	9	Ci.-S.	N. S
7..	Calm	NE	SE	W	NW	Calm	21.1	33.6	64.1	19.3	138.1	10	Ci.-S.	N.	9	A.-Cu.	Cu.-N. ENE
8..	W	NE	NE	SSE	NE	W	36.2	29.8	63.6	49.4	179	10	Ci.-S.	Cu.-N. S	8	Ci.-S.	Cu.-N. S
9..	NE	Calm	E	SSE	SE	NE	21.5	52.1	46.5	31.4	151.5	10	.....	N.	8	A.-Cu. N	Cu.-N.
10..	NE	NE	SSE	W	Calm	E	26.8	45.3	94.6	14	180.7	9	A.-Cu.	Cu.-N. E	7	A.-Cu.	Cu.-N. W
11..	Calm	Calm	SE	E	ESE	NNE	17.9	58.2	100.9	26	203	6	A.-Cu. E	Cu.-N.	6	A.-Cu.	Cu.-N. E
12..	NNE	NE	NNW	S	NE	N	31.1	29.3	43.7	66.8	170.9	9	Ci.-S.	N.	7	Ci.-S.	Cu.-N.
13..	Calm	Calm	SE	SE	NE	NE	21.2	54.2	85.1	20.1	180.6	10	Ci.-S.	N.	3	Ci.-S.	Cu.-N.
14..	NNE	NNE	SE	SE	WNW	NNE	24.4	68.4	56.3	21.2	170.3	4	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.
15..	N	NNW	W	WNW	Calm	NNE	20.4	88.7	80.7	19.9	209.7	3	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N. ENE
16..	NE	N	SW	N	NNW	NW	19.3	39.6	53.3	29.3	141.5	6	A.-Cu.	Cu.-N. E	7	Ci.-S.	N. N
17..	NE	NNE	WNW	SW	NW	Calm	22.7	35.4	56.3	47.2	161.6	9	Ci.-S.	N.	10	Ci.-S.	N. W
18..	Calm	Calm	W	W	NW	NW	27.2	42.8	105.2	78.7	248.9	9	Ci.-S.	N. SW	10	.....	N.
19..	SW	Calm	SE	ESE	Calm	NE	50.7	35.2	43.7	16.9	146.5	5	Ci.	Cu.-N.	9	Ci.-S.	Cu.-N.
20..	N	NE	E	SE	E	Calm	23.8	57.7	97.2	20.9	199.6	8	A.-Cu.	N. E	2	Ci.	Cu.-N.
21..	NNW	NNW	SE	WNW	WNW	NW	27.2	34.9	97.9	31.4	191.4	9	Ci.-S.	N. N	9	Ci.-S.	Cu.-N.
22..	NNE	NNW	W	W	WNW	W	16.7	63.1	123.4	87.2	290.4	10	Ci.-S.	N. S	9	Ci.-S.	N. N
23..	N	Calm	W	ESE	WNW	N	83.4	29	70.3	37.8	220.5	8	Ci.-S.	N.	7	A.-Cu.	Cu.
24..	WSW	Calm	W	W	Calm	NE	23.3	81.1	63.4	19	186.8	10	Ci.-S.	N.	10	.....	Fr.-N.
25..	NE	NNE	W	WNW	W	W	20.4	52.1	102.7	48.9	224.1	8	Ci.-S.	Fr.-N. W	7	Ci.-S.	Cu.
26..	N	Calm	W	Calm	WSW	NE	17.9	54.4	37.3	19.9	129.5	9	Ci.-S.	Fr.-N. W	8	Ci.-S.	Cu.
27..	NE	NNE	SE	E	ENE	Calm	25.2	92.3	99	16.7	233.2	8	Ci.	Fr.-N. E	7	Ci.	Cu. E
28..	NNE	N	W	SE	E	NNE	25.5	52.6	109.1	28.8	216	5	Ci.	Cu. NE	4	Ci.	Cu.
29..	N	Calm	E	WSW	NE	NNE	26.9	24.4	51.8	21.9	125	10	.....	N. E	8	Ci.	Cu.
30..	N	N	S	WNW	NW	N	27.7	33.6	80.3	25.2	166.8	10	.....	N.	8	Ci.-S.	Fr.-N. W
Mean	.....	.....	.....	.....	.....	.....	25.8	48.8	77.3	32.1	183.9	8	.....	.....	7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,518.2	.....	.....	.....	.....	.....	.....

ZAMBOANGA.

[$\phi = 6°\ 54'$ N; $\lambda = 122°\ 05'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.91 mm.]

JULY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours, beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.c*	*ct.*	*P. ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.29	57.84	59.25	57.78	57.79	59.96	58.48	23.7	23.4	27.7	26.7	24.4	24	25	28.3	22.7	91	90	75	77	89	86	84.7	13.4
2..	58.39	58.62	59.65	57.75	58.21	59.70	58.72	23.8	22.7	27.4	27.9	27.4	24.7	25.6	29	21.8	86	90	77	73	80	84	81.7	.....
3..	58.62	58.40	58.85	57.19	58.01	59.78	58.48	23.6	23.4	27.3	28.7	27.8	25.5	26	29.3	22	89	88	79	73	74	88	81.8	.5
4..	58.36	58.46	58.58	56.83	57.51	58.25	58	24.6	23.7	27.4	28.4	27.1	25.7	26.2	29.7	23.4	93	89	76	75	82	88	83.8	.....
5..	57.42	57.57	58.26	56.49	56.91	57.58	57.37	25	24.8	27.8	28.8	26	24.3	26.1	29.7	23.9	90	87	79	72	84	84	82.7	.5
6..	57.01	57.24	58	56.55	56.97	57.67	57.24	24.3	24.4	27.5	28.3	27.2	25	26.1	29	23.8	84	89	81	79	80	83	82.7	.....
7..	57.17	57.67	58.10	55.88	56.93	57.62	57.23	24.1	23.5	28.4	28.5	27.7	25.3	26.2	29.5	23	86	87	75	77	84	93	83.7	.....
8..	57.38	57.27	57.69	56.04	56.66	57.61	57.11	24.8	24.4	26.8	28.5	27.7	25.2	26.2	29.1	23.6	85	87	82	78	79	91	83.7	4.3
9..	57.52	56.96	57.84	56.28	56.06	57.45	57.02	24.8	23.7	28	27.9	28	25.4	26.3	29.7	22.9	92	94	74	71	77	85	82.2	.....
10..	56.85	57.12	58.30	56.03	56.49	57.93	57.12	24.6	24.5	25.2	28.5	27.4	25.2	25.9	29.7	22.5	91	90	90	71	86	90	86.3	8.9
11..	57.53	57.48	57.83	56.15	57.05	57.92	57.33	24.6	24	29.3	28.7	28.2	25.8	26.8	31.3	23.4	92	94	71	70	80	84	81.8	.....
12..	56.90	57.22	57.86	55.82	56.77	58	57.10	24.8	24.9	29.3	29.9	28.7	25.8	27.2	31.3	23.7	87	88	69	68	73	88	78.8	.....
13..	57.33	57.87	58.02	56	56.40	57.63	57.21	25.2	24.8	26.6	28.2	27.7	25.4	26.3	31	22.6	88	88	84	72	76	80	81.3	5.1
14..	56.72	56.54	57.30	55.57	56.09	58.32	56.76	24.9	24.5	28.1	28.3	26.5	25.7	26.3	29.8	24	80	82	79	72	90	88	81.8	4.1
15..	56.70	56.29	57.34	56.16	56.40	58.12	56.84	24	23.5	27.2	26.7	26.5	24.7	25.4	28.6	23	90	92	83	83	85	90	87.2	8.6
16..	57.17	57.23	59.14	57.07	57.78	58.04	57.74	25.2	24.5	23	24.7	25.5	23.3	24.4	27.7	21?	88	89	99	87	89	93	90.8	41.4
17..	57.07	57.87	58.38	56.43	56.94	58.10	57.46	23.2	23.2	26.6	27.7	27.1	25.9	25.6	29.3	22.2	94	97	86	77	83	88	87.5	.8
18..	57.14	58.04	58.25	56.48	57.23	58.87	57.67	24	23.5	27.7	28.8	28.7	25.8	26.4	29.6	22.8	93	92	83	73	75	85	83.5	3.1
19..	57.83	57.57	58.73	57.18	57.63	59.04	58	24.9	24.4	27	28.5	27.5	25.7	26.3	29.5	23.1	87	91	83	74	84	90	84.8	.....
20..	58.26	58.61	59.43	58.28	58.30	59.24	58.69	24.9	25.2	29.3	29.7	27.7	26	27.1	31.3	23.5	92	90	72	67	79	87	81.2	.....
21..	58.57	58.17	57.93	57.19	57.88	59.78	58.25	24.7	24.2	28.7	29	27.1	24.5	26.4	30	23.5	87	84	69	75	79	92	81	1.3
22..	59.27	59.28	59.70	57.65	58.92	60.49	59.22	24.2	23.8	29.5	28.4	27.7	25.8	26.6	31.3	23.3	90	89	64	72	83	91	81.5	.3
23..	60.16	60.37	61.84	59	59.44	60.97	60.30	24.7	23.5	25.1	27.5	27.9	24.7	25.6	29.3	22.5	87	88	89	78	74	92	84.7	1.3
24..	60.07	60.35	60.73	58.33	58.70	60.20	59.73	23.8	23.3	27.8	29.2	28.5	25.3	26.3	31	22.5	92	93	74	66	74	87	81	.....
25..	59.45	59.54	59.74	57.75	57.75	59.38	58.97	24.2	23.7	27.4	28	28.6	25.5	26.2	29.3	23.4	87	94	81	70	70	88	81.7	.....
26..	58.60	59.10	59.40	57.79	58.16	59.36	58.74	24.7	23.5	28	28.9	28	25.2	26.4	29.3	23	84	91	76	75	81	83	81.7	.....
27..	58.25	58.22	58.88	57.02	57.65	59.24	58.21	24.1	24.5	28.3	28.8	28.2	27.7	27	29.8	24.1	84	82	72	74	81	84	79.5	.....
28..	58.32	58.14	58.65	57.07	58.10	59.71	58.33	25.2	24.1	28	29.3	28.5	26.5	26.9	30.4	23.8	83	91	79	78	78	89	83	.....
29..	58.37	58.57	58.68	57.23	58.30	60.15	58.55	25.2	24.9	28.2	29.4	28.5	26.5	27.1	30.5	24.2	88	88	76	76	81	88	82.8	.....
30..	59.02	59.10	60.02	58.03	59.09	60.46	59.29	25.4	24.8	28.5	29	25.1	25.9	26.4	29.5	24.2	90	85	77	74	91	92	84.8	3.3
31..	59.14	59.45	59.44	57.76	58.87	60.45	59.18	24.9	23.8	27.4	27.9	27.8	25.3	26.2	29.6	23.4	91	91	84	69	79	89	83.8	.....
Mean	58.03	58.13	58.77	56.99	57.59	58.94	58.08	24.5	24	27.6	28.3	27.4	25.4	26.2	29.8	23.1	88.4	89.4	78.6	74.1	80.6	87.7	83.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	96.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	NE	SSE	WSW	Calm	N	17.9	36	49.4?	17.2	120.5	9	A.-Cu.	F.-N. N	8	Ci.-S.	Fr.-N.
2..	NNE	NNE	W	WSW	W	Calm	24.6	27.9	61.8	20.9	135.2	3	Ci.	Cu.	7	Ci.	Cu.
3..	NE	NNE	W	SE	Calm	NE	19.8	44	36.5	19.9	120.2	4	Ci.	Cu.	8	Ci.-S.	Cu.
4..	NE	NNE	WSW	W	W	NE	45.6	32.2	66.5	21.7	166	10	A.-S.	N.	8	Ci.-S.	Fr.-N.
5..	N	Calm	W	WNW	N	N	18.2	41.6	80.3	25.2	165.3	9	A.-Cu.	Fr.-N.	10	A.-S.	N.
6..	NNE	Calm	W	WNW	SE	NNE	23.1	.....	.....	.....	.....	9	Ci.-S.	Fr.N. SW	8	Ci.-S.	Fr.-N.
7..	Calm	Calm	SE	SE	N	NNE	.....	31.7	85.6	20.3	.....	5	Ci.-S.	Cu.	7	A.-Cu.	Cu.-N.
8..	NNE	NNE	NE	WSW	NW	N	24.9	21.5	50.4	17.4	114.2	8	Ci.-S.	N.	8	Ci.-S.	Fr.-N.
9..	N	NNW	SSE	S	W	NNE	47.7	35.7	53.9	20.3	157.6	10	.....	N.	9	Ci.-S.	Cu.
10..	N	N	SE	SE	N	N	25.2	39.7	43.7	18.5	127.1	10	Ci.-S.	Fr.-N.	7	Ci.	Cu. SE
11..	NE	E	E	SE	Calm	NNE	26.6	63.8	66.6	18.7	175.7	8	Ci.-S.	Fr.-N.	8	Ci.-S.	Cu.
12..	N	N	Calm	ENE	SSE	NNE	24.4	24.9	70.5	33	152.8	9	Ci.-S.	Fr.-N.	9	Ci.-S.	Fr.-N. E
13..	Calm	NNE	NE	SSE	ENE	NE	21.9	35.2	43.3	18.3	118.7	10	.....	N. N	9	Ci.-S.	Fr.-N. SSE
14..	Calm	NNE	SSE	SE	NE	ENE	32.5	.....	44	27.4	.....	10	Ci.-S.	Fr.-N.	9	Ci.-S.	Fr.-N.
15..	N	N	SSE	Calm	E	WNW	20.3	25.4	42.3	69.8	157.8	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N.
16..	NW	WNW	W	WNW	WSW	NNE	57.3	164.6	95.2	49.6	366.7	10	Ci.-S.	Fr.-N. W	10	.....	N.
17..	N	NE	ENE	SE	ENE	NNE	23.6	41.8	70.5	18.2	154.1	10	.....	N. NW	8	Ci.-S.	Cu.
18..	NE	NNE	WSW	WSW	Calm	NNE	26.2	25.2	33	16.4	100.8	8	Ci.	Cu.	7	Ci.	Fr.-Cu.
19..	N	NNE	SE	SW	NNW	NE	24.6	52.5	44.3	22.2	143.6	10	Ci.-S.	N.	8	Ci.-S.	Fr.-Cu.SW
20..	NE	NE	E	E	E	N	22.2	65.5	93.3	26	207	10	Ci.-S.	Fr.-N.	9	Ci.-S.	Fr.-N. E
21..	N	NE	E	WNW	NW	N	19	56.6	62.8	19.5	157.9	8	A.-Cu.	Fr.-N.	9	Ci.-S.	Fr.-N.WNW
22..	N	NNE	ENE	SSE	SE	NNE	17.7	50.4	73.8	34.9	176.8	10	Ci.-S.	N.	9	Ci.-S.	Fr.-N.
23..	N	NE	ESE	SSE	ENE	N	26.4	36.8	57.4	19.6	140.2	10	.....	N.	7	Ci.	Cu.
24..	N	NNE	SE	ESE	ESE	NE	24.4	50.7	65.2	18.8	159.1	9	Ci.-S.	Fr.-N.NNE	8	Ci.-S.	Cu.
25..	N	NNE	WSW	SE	ESE	NE	29.2	19.6	72.4	20.6	141.8	6	Ci.	Fr.-N.	7	Ci.-S.	Cu.
26..	N	Calm	W	W	WNW	NE	21.4	49.7	116.7	25.7	213.5	4	Ci.	Cu.	3	.....	Cu.
27..	N	NNE	W	W	W	WSW	26.8	42.9	111.3	69.2	250.2	9	Ci.-S.	N.	7	Ci.-S.	Fr.-N. W
28..	NNW	NNE	W	W	W	N	23.6	38	66	33.2	160.8	9	Ci.-S.	N. NW	7	Ci.-S.	Cu.-N.
29..	N	N	SW	WSW	WSW	E	26.9	28.5	58.4	37.3	151.1	9	Ci.-S.	Fr.-N.	7	Ci.	Cu.
30..	N	NNE	SSE	SSE	NE	ENE	19.6	33.3	56.1	37.6	146.6	8	A.-Cu.	N.	8	Ci.-S.	N.
31..	NNE	Calm	SSE	W	W	NE	28.7	61.8	89.8	41.8	222.1	10	Ci.-S.	N.	9	Ci.-S.	Fr.-N.
Mean	.....	.....	.....	.....	.....	.....	26.3	44.1	65.4	28	164.4	8.5	.....		8	.....	

ZAMBOANGA.

[$\phi = 6°\ 54'$ N; $\lambda = 122°\ 05'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.91 mm.]

AUGUST, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours, beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.10	59.17	59.27	57.55	57.69	59.55	58.72	24.8	24.5	27.8	28.7	28.8	25.8	26.7	29.6	23.9	89	87	79	73	75	89	82	.....
2..	58.85	58.82	59.41	57.48	58.04	59.70	58.72	25.5	25	28.6	29	28.6	26.1	27.1	29.8	23	84	88	75	73	80	95	82.5	5.3
3..	58.21	58.23	58.94	57.69	58	59.29	58.39	24.1	24.9	26.9	27.2	27.5	25.5	26	29.2	23.2	92	89	87	80	81	80	84.8	7.4
4..	58.46	58.54	59.31	58.07	58.02	59.79	58.70	24.7	23.3	28.1	23.6	25.7	24.5	25	30.3	22	92	95	77	99	93	90	91	12.2
5..	58.76	58.62	58.85	56.92	57.74	59.05	58.32	24	23.8	28.9	31	28.5	25.7	27	31.9	23	92	93	71	58	75	84	78.8	.....
6..	58.47	58.64	59.21	57.05	57.23	58.65	58.21	24.7	24.7	24.5	28.8	28	25	26	30	22.2	87	86	97	69	79	85	83.8	3.8
7..	57.27	57.49	58.01	56.20	56.60	57.87	57.24	24.4	24.4	27.3	27.3	27	25	25.9	28.3	23.5	87	87	84	78	81	89	84.3	.....
8..	56.65	56.87	57.96	56.62	56.92	58.30	57.22	24.1	23.6	28	26.4	26.7	24.3	25.5	29.7	23	92	92	84	86	86	89	88.2	.....
9..	57.47	57.48	58.68	56.89	57.33	58.89	57.79	24.1	24.5	28.4	29.1	28.8	25.7	26.8	30.5	23.5	91	89	79	70	75	85	81.5	.....
10..	57.77	57.99	58.75	57.18	57.55	58.95	58.03	25.2	24.3	27.6	29.2	27.7	25.8	26.6	29.8	23.8	86	90	84	76	82	85	83.8	3
11..	58.26	58.27	58.31	57.12	57.70	59.18	58.14	23.9	24	29	28.3	28	25.7	26.5	30.1	23	94	94	71	78	82	86	84.2	3.8
12..	58.17	58.35	58.75	57.13	57.34	59.33	58.18	24.9	24.8	27.3	28.5	28.5	25.7	26.6	29.6	23.5	91	98	88	72	77	93	86.5	10.9
13..	58.76	58.88	59.26	56.88	56.98	58.82	58.26	24.6	23.5	26.6	27.7	27.7	25.4	25.9	28.5	23	93	98	85	82	79	84	86.8	.....
14..	57.57	57.54	58.33	56.39	56.89	58.46	57.53	24.4	24.4	28	28.4	27.7	27	26.6	29.3	23.6	89	89	79	77	82	86	83.7	.....
15..	57.63	57.92	58.13	56.52	56.63	58.41	57.54	25.4	25	28.5	26.4	27.5	25.5	26.4	29.1	24.1	90	92	78	87	79	81	84.5	.....
16..	56.77	57.18	57.58	56.19	56.29	57.85	56.98	24 1	23.5	27.7	28.4	28	25.6	26.2	29	22.5	89	90	82	82	83	92	86.3	.....
17..	56.78	57.04	57.53	55.78	56.54	58.40	57.01	25.2	25	28.5	30.1	28.4	27.9	27.5	30.3	24	92	92	80	72	82	80	83	.....
18..	57.42	57.48	58.03	57.04	57.51	59.15	57.77	25.8	24.7	29.1	24.7	25.7	24.7	25.8	29.9	23.7	87	91	78	98	91	91	89.3	19.8
19..	58.01	57.89	58.94	57.90	58.23	59.93	58.48	24.2	24	28.3	27.7	27.5	26	26.3	29.6	23.2	94	95	77	82	86	88	87	.5
20..	58.20	58.38	59.30	57.75	58.68	59.90	58.70	24.8	23.7	28.5	28.5	27.8	25.2	26.4	29.5	23.1	87	85	72	75	77	86	80.3	5.3
21..	59.11	59.17	60.14	58.04	58.60	59.84	59.15	23.4	23.3	29	28.4	27.7	25	26.1	31	22.8	95	95	71	78	77	92	84.7	.....
22..	59.01	59.17	59.88	57.87	58.43	59.78	59.02	24.9	24.8	27.3	28.5	27.5	26.1	26.5	28.8	24	88	89	86	79	86	87	85.8	3.9
23..	58.72	59.42	60	58.28	59.51	61.48	59.57	25.4	24.3	27.7	27.8	27	26	26.4	29	23.9	91	96	82	80	84	89	87	5.6
24..	60.44	60.34	61.24	59.18	59.87	61.40	60.41	24.6	23.7	29.2	29	28.4	26.2	26.8	31.5	22.8	92	91	73	68	75	86	80.8	2.1
25..	60.18	60.20	60.15	58.33	59.40	60.53	59.80	24.9	23.8	28.2	29.2	28.3	25	26.6	30.3	23.3	91	95	76	70	75	92	83.2	1.8
26..	59.78	58.92	59.88	57.37	57.99	59.14	58.85	24.4	23.5	27.9	28.5	28.1	26	26.4	29.3	22.9	92	96	76	68	77	88	82.8	.....
27..	58.17	58.33	59.35	57.30	58.40	59.94	58.58	24.9	24.1	27.6	28.7	27.3	25.5	26.4	29.3	23.2	87	86	81	76	83	92	84.2	.3
28..	58.93	59.11	60.20	58.02	58.77	59.82	59.14	25.3	25.1	26.5	27.1	26.5	25	25.9	27.5	23.7	92	92	84	74	80	89	85.2	1.1
29..	58.62	58.37	59.34	57.45	57.69	58.48	58.32	24.2	24	27.9	27.7	26.2	25.5	25.9	28.5	23	91	92	82	82	86	85	86.3	3.1
30..	57.24	57.12	57.90	56.14	56.25	58.07	57.12	25	25	26.8	26.4	26.7	28	26.3	28.5	23.8	88	88	86	91	86	77	86	18.4
31..	56.55	57.22	57.46	55.86	56.64	58.97	57.12	27	23.4	26.4	26	27.6	23.4	25.6	28.5	22.2	80	98	78	80	77	92	84.2	25.7
Mean	58.24	58.33	58.97	57.23	57.72	59.26	58.29	24.7	24.2	27.8	27.9	27.6	25.6	26.3	29.6	23.2	89.8	91.5	80.1	77.8	81	87.3	84.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	134

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	NE	SE	SE	E	N	24.7	75.4	115.4	23.9	239.4	3	.....	Cu.	2	.....	Fr.-Cu.
2..	NNE	NNE	SE	SW	ENE	SE	21.7	45.6	69.5	32.2	169	2	Ci.	Cu.	4	Ci.-S.	Cu.-N.
3..	N	N	N	ESE	NE	NE	34.3	24.3	67.8	21.7	148.1	10	Ci.-S.	N.	9	Ci.-S.	Fr.-N.
4..	NNE	ENE	E	NNE	NE	NNE	42.4	52.1	45.9	19.9	160.3	10	Ci.-S.	N.	10	Ci.-S.	N.
5..	NNE	NNE	ESE	SE	NE	NE	22.2	60.6	88.7	21.2	192.7	7	Ci.	Cu.	6	Ci.	Fr.-Cu. SE
6..	NNE	ENE	NE	SE	SSE	N	23.5	41.8	67.1	25.7	158.1	9	Ci.-S.	N.	8	Ci.-S.	Cu. SE
7..	NNW	Calm	SE	NW	W	Calm	22.7	34.6	55.8	17.5	130.6	8	Ci.-S.	Fr.-N. NE	9	Ci.-S.	Fr.-N.
8..	N	N	SE	SW	W	N	25.4	48.6	47.3	29.6	150.9	7	Ci.-S.	N.	10	Ci.-S.	Fr.-N. SW
9..	N	N	SSE	SE	E	NE	21.5	38.1	85.8	20.4	165.8	9	A.-Cu.	Fr.-N. N	7	Ci.	Cu. SE
10..	NNE	N	SW	W	W	N	20.4	30.9	72.1	21.2	144.6	3	Ci.	Cu.	5	Ci.	Cu.
11..	NE	ENE	ESE	SE	ENE	N	29.2	57.1	82.9	18.2	187.4	8	Ci.-S.	Fr.-N. SE	9	Ci.-S.	Cu.
12..	NE	NNE	SSE	ESE	E	NE	25.7	74.6	96.4	27.1	223.8	10	Ci.-S.	Fr.-N. SE	8	Ci.-S.	Fr.-N. SE
13..	N	Calm	WSW	W	W	NNE	35.7	38.3	81.8	28.5	184.3	10	.....	N. NE	4	Ci.	Cu.
14..	N	WNW	W	W	NW	NW	23.6	46.4	78.9	28.5	177.4	8	Ci.-S.	N.	9	Ci.-S.	Fr.-N.
15..	N	NE	SSE	S	W	N	18.3	45.3	71.9	20.9	156.4	10	Ci.-S.	Fr.-N.	9	Ci.-S.	Fr.-N.
16..	NNW	NE	SW	WSW	W	NW	26.2	43.8	91.4	29.5	190.9	7	Ci.	Cu.	6	Ci.	Cu.-N. W
17..	Calm	WNW	WSW	WNW	W	WSW	18.2	66	102	43.7	229.9	10	Ci.-S.	N.	7	Ci.	Fr.-N. W
18..	NNE	N	S	W	NNW	NNE	29.3	38.3	34.8	25.2	127.6	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N. SE
19..	N	NNE	SSW	SSE	ENE	ENE	26.4	23.9	47.7	35.6	133.6	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N. S
20..	NNE	NE	SE	SE	E	NE	25.9	41.6	71	29.8	168.3	10	Ci.-S.	N. NE	8	Ci.-S.	Cu. SE
21..	Calm	NE	ESE	ESE	W	Calm	19.9	61.8	96	26.4	204.1	10	Ci.-S.	N. SE	8	Ci.-S.	Fr.-N. E
22..	NNE	NNE	S	W	W	NNW	20.6	51.2	86.7	32	190.5	9	Ci.-S.	N.	4	.....	Cu. ENE
23..	N	NNW	WNW	WNW	WNW	NNW	14.3	49.9	119.7	41.2	225.1	8	Ci.-S.	Fr.-N. NE	8	Ci.-S.	Cu. NW
24..	N	NNE	ENE	ESE	NE	N	24.6	44.6	78.3	28	175.5	8	Ci.-S.	Fr.-N.	7	Ci.	Cu. ESE
25..	N	ENE	SE	SE	NE	NE	28.5	53.9	83.7	27.2	193.3	10	Ci.-S.	N.	6	Ci.-S.	Cu.-N. SE
26..	NNE	ENE	ESE	SE	NE	N	20.7	63	50.7	18	152.4	10	Ci.-S.	Fr.-N. ENE	7	Ci.	Cu.
27..	N	NNE	SE	NW	WNW	N	27.1	41.2	98.8	25.7	192.8	9	Ci.-S.	Fr.-N. E	9	Ci.-S.	N. NW
28..	NNW	N	W	WNW	W	WNW	21.1	51	115.1	28	215.2	10	Ci.-S.	N.	9	Ci.-S.	N.
29..	NW	NW	WSW	WNW	NW	WNW	18.2	84.8	103.5	52.6	259.1	7	Ci.-S.	N.	9	Ci.-S.	N. W
30..	NW	NW	W	WNW	WNW	W	68.1	90.4	102.5	146.1	407.1	10	Ci.-S.	Fr.-N. NW	10	Ci.-S.	Fr.-N. WNW
31..	W	W	WNW	W	W	WSW	97.1	83.2	84.2	82.3	346.8	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N. W
Mean	.....	.....	.....	.....	.....	.....	28.3	51.7	80.4	33.2	193.6	8.5	.....	.....	7.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,001	.....	.....	.....	.....	.....	.....

ZAMBOANGA.

[$\phi = 6°\ 54'$ N; $\lambda = 122°\ 05'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.91 mm.]

SEPTEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours, beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.22	58.68	59.41	58.17	57.67	58.85	58.50	22.3	21.8	25.9	26.2	27.1	26	24.9	27.3	21.4	96	97	80	76	76	84	84.8	0.8
2..	58.11	58.23	59.68	57.88	58.07	59.18	58.52	25.4	25	29	27.1	25.4	24.2	26	29.5	23.3	88	92	83	83	94	96	89.3	4.9
3..	58	58.58	59.02	56.80	57.48	58.51	58.06	23.9	24	28	28.5	28	26	26.4	29.9	23.1	92	90	70	78	77	88	82.5	.....
4..	57.45	57.46	58.33	56.57	57.05	58.11	57.50	25.4	25.3	24	27.7	26	24.4	25.5	29	23.6	88	85	91	65	80	89	83	5.4
5..	57	57.70	58.20	56.35	57.25	58.90	57.57	23.4	23.5	28.4	28.4	28.1	26.2	26.3	29.5	23	93	93	68	69	71	79	78.8	.....
6..	58	58.75	59.10	57.35	58.20	59.90	58.55	24.9	24.2	28.5	28.8	26.2	25.4	26.3	29.3	24	85	88	68	67	80	83	78.5	3.8
7..	58.90	59.10	60.10	57.40	57.60	58.90	58.67	24.5	24.3	25.3	27.3	27.3	25.9	25.8	28.2	24	87	89	84	71	73	78	80.3	.....
8..	58	58	58.40	56.90	57.10	59	57.90	24.6	23.8	27.6	26	25.9	23.8	25.3	28	23.3	86	90	70	79	80	87	82	2.3
9..	57.57	57.77	58.97	56.95	57.94	59.38	58.10	23	23.1	27.8	27.2	26.5	24.4	25.3	28.8	22.4	88	88	79	79	85	90	84.8	.3
10..	58.01	58.22	59.24	58.03	58.78	59.77	58.68	23.9	24	27	24.8	25.4	24.3	24.9	28.7	23.1	90	90	85	93	90	93	90.2	2
11..	58.29	58.73	59.50	57.50	58.08	59.93	58.67	23.1	23.1	30.3	28	27.7	25.4	26.3	30.8	22.5	89	88	68	79	79	82	80.8	.....
12..	58.88	58.99	59.87	57.30	58.29	59.89	58.87	24.1	23.7	28.5	28.7	28.2	26.3	26.6	29.6	22.8	82	82	70	76	81	90	80.2	24.1
13..	58.55	58.74	59.18	57.13	57.62	59.63	58.48	23.9	24.2	30.3	32	29	25.5	27.5	32.3	23.5	96	95	64	55	79	84	78.8	.3
14..	58.02	58.06	59.27	57.75	58.28	59.88	58.54	28	28.2	29	29.2	28	25	27.9	30.2	24.5	77	78	71	73	77	82	76.3	.5
15..	58.87	58.97	59.58	57.69	58.06	59.65	58.80	24.3	23.6	28.2	29	26.3	24.3	26	29.9	22.8	86	86	72	74	82	86	81	.3
16..	58.05	57.94	58.68	56.48	56.85	58.37	57.73	23.9	23.5	27.8	28.8	27.4	24.5	26	29.8	22.5	88	87	77	76	81	87	82.7	8.9
17..	57.78	57.99	59.25	57.05	57.87	59.59	58.26	24.4	23.8	27.2	28	27.2	25.3	26	29.3	23	90	97	81	77	80	87	85.3	.3
18..	58.97	59.19	60	57.80	59.04	60.05	59.18	24.5	23.5	28	28.5	27.7	25.5	26.3	29.5	23	87	87	77	70	79	85	80.8	.8
19..	59	58.92	59.73	57.24	57.55	58.72	58.53	24.7	23.8	27.7	28.1	26.9	24.5	26	29.5	23.5	89	93	78	77	83	94	85.7	20.6
20..	57.88	58.54	58.83	57.18	57.85	59.23	58.25	24	23.2	27	27.8	26	25.4	25.6	28.5	22.5	95	98	86	76	84	86	87.5	1.8
21..	58.32	58.71	59.59	57.75	58.88	60.04	58.88	24.4	24.6	27.4	28	27.9	25.2	26.2	28.9	24	91	92	81	77	79	88	84.7	.....
22..	59.61	59.67	60	58.38	58.60	60.13	59.40	24.4	23.8	27	28	27.7	24.8	26	29	23.3	94	97	80	79	79	92	86.8	.....
23..	58.75	58.99	59.66	58	58.18	59.31	58.82	24	23.6	25.8	27.2	27.7	26.2	25.8	29.3	23	91	86	91	80	76	90	85.7	1.3
24..	58.80	58.88	59.58	57.43	57.25	58.75	58.45	24.6	24	28	25.3	27	25.1	25.7	28.6	23.2	91	91	79	88	86	91	87.7	8.1
25..	57.58	57.67	58.25	56.38	57.01	58.45	57.56	24.3	24.6	27.3	28.5	26.7	25.6	26.2	28.6	23.8	92	93	86	75	82	91	86.5	.3
26..	57.07	57.17	58.33	56.93	57.69	59.73	57.82	24.8	24.5	28.2	28.8	27.5	25.5	26.6	29.5	23.8	90	84	77	77	84	93	84.2	.....
27..	58.30	58.62	59.64	57.30	57.90	59.65	58.57	24.5	24.4	28.7	28.7	27.5	25.3	26.5	29.8	23.6	92	91	79	76	86	91	85.8	.....
28..	58.20	58.52	59.15	57.12	57.55	59.40	58.32	25.1	24.6	28.4	29	27.7	25.8	26.8	29.4	24	91	92	77	76	82	92	85	.....
29..	58.62	58.53	59.30	57.25	57.38	59.24	58.39	24	23.3	28.7	29	28.4	25.3	26.4	31	22.3	84	76	71	72	76	91	78.3	.....
30..	58.48	58.49	59.43	57.44	58.39	60.18	58.74	24.4	24.2	28.5	28	27.4	26.2	26.4	29.8	23.2	87	79	78	82	84	89	83.3	.8
Mean	58.24	58.46	59.24	57.32	57.85	59.34	58.41	24.4	24	27.8	28	27.2	25.2	26.1	29.4	23.2	89.2	89.1	77.4	75.8	80.8	87.9	83.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	87.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	WNW	NW	WSW	WSW	WSW	Calm	38.9	110.5	126.9	56.1	332.4	10	Ci.-S.	N. NW	10	A.-S.	N. NW
2..	N	NNE	ESE	E	E	NE	20.7	35.6	50.2	24.4	130.9	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N.
3..	NE	NNE	SSE	SE	SE	NE	27.7	32.4	82.9	37.5	180.5	8	Ci.-S.	Fr.-N.	8	Ci.-S.	Fr.-N. SE
4..	N	N	NW	NW	ESE	NE	20.1	86.6	46.1	16.9	169.7	9	Ci.-S.	N.	10	Ci.-S.	N. NW
5..	.....	.....	.....	.....	.....	.....	22.2	55	56.9	16.6	150.7	.....	.....	.....	.....	.....	.....
6..	.....	.....	.....	.....	.....	.....	29.3	51.3	62.8	22	165.4	.....	.....	.....	.....	.....	.....
7..	.....	.....	.....	.....	.....	.....	23.5	82.3	81.9	18.7	206.4	.....	.....	.....	.....	.....	.....
8..	.....	.....	.....	.....	.....	.....	23.1	38.3	43.1	27.7	132.2	.....	.....	.....	.....	.....	.....
9..	N	NNE	SE	SE	ENE	N	33	48.8	78.7	21.1	181.6	6	Ci.	Cu.	10	Ci.-S.	N. SE
10..	N	NE	NNW	ENE	N	E	23.1	26.4	42.4	19.5	111.4	9	Ci.-S.	Fr.-N. NE	10	Ci.-S.	N.
11..	Calm	Calm	E	ESE	ENE	NNE	8.2	31.7	84	21.5	145.4	8	Ci.-S.	Cu.	8	Ci.	Cu. ESE
12..	NE	NE	SSE	SE	ENE	NE	29.5	40.4	92.2	28.8	190.9	2	Ci.	Cu.	4	Ci.	Cu. SE
13..	NE	NE	E	E	NE	NE	19.9	61.7	69.5	27.4	178.5	9	A.-Cu.	Fr.-N.	2	.....	Cu. E
14..	ENE	ESE	ESE	SE	NE	N	110.8	148.9	81	22	362.7	10	Ci.-S.	N. ESE	7	Ci.	Cu. SE
15..	N	Calm	SSE	WNW	NE	N	20.6	45.4	37	19.9	122.9	4	Ci.	Cu.	9	Ci.-S.	N. WNW
16..	Calm	N	S	W	NE	NE	22.3	41	53.6	26.6	143.5	3	Ci.	Cu.	6	.....	Fr.-Cu. E
17..	N	NNE	NE	WSW	W	N	26.4	38.6	58.5	23.1	146.6	10	Ci.-S.	Fr.-N. ESE	8	Ci.-S.	Fr.-N. SE
18..	N	NNE	E	SSE	Calm	NE	21.5	30	48.9	17.9	118.3	10	Ci.-S.	N.	9	Ci.	Cu.-N. SSE
19..	N	Calm	S	W	NW	Calm	21.9	30.3	78.4	21.4	152	9	Ci.-S.	Fr.-N.	3	.....	Cu.
20..	N	NE	SSE	W	SW	NW	23.3	55.7	72.2	40.2	191.4	10	.....	N. NE	8	Ci.-S.	Fr.-N. W
21..	N	NW	W	S	NE	NNE	20.7	28.4	38.4	19.8	107.3	9	.....	N.	10	A.-S.	Fr.-N. S
22..	N	NNE	SSE	SW	NW	Calm	20.6	31.7	61.7	16.4	130.4	9	Ci.-S.	Fr.-N.	8	Ci.-S.	Cu.
23..	N	NE	NE	SW	NW	NW	26.2	31.9	60.7	30	148.8	4	Ci.	N.	7	Ci.-S.	N.
24..	N	NE	WSW	NW	W	N	24.7	38	58.9	23	144.6	7	Ci.	Fr.-N.	10	.....	N. NW
25..	NNW	Calm	W	WSW	N	Calm	22.3	22.5	41	17.4	103.2	9	Ci.-S.	Fr.-N.	9	Ci.-S.	Fr.-N. WSW
26..	N	NE	SSE	SSE	NE	N	19.5	41.3	50.4	19.8	131	3	Ci.	Cu. E	9	Ci.-S.	N.
27..	N	NE	SSE	S	Calm	N	31.4	21.1	36.7	21.9	111.1	6	Ci.	Cu.	9	Ci.-S.	N. S
28..	N	NE	S	W	NW	NW	21.5	25.5	56.3	17.9	121.2	10	Ci.-S.	Fr.-N.	9	Ci.-S.	Fr.-Cu.
29..	NNW	NNE	SSE	SE	Calm	N	23.3	28.4	72.2	22.7	146.6	10	Ci.-S.	Fr.-N. NNE	8	Ci.	Cu.
30..	N	NE	SSW	WSW	Calm	NW	25.2	46.2	67.6	22.8	161.8	3	Ci.	Cu.	6	Ci.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	26.7	46.9	63	24	160.6	7.6	.....	.....	8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,819.4	.....	.....	.....	.....	.....	.....

NOTE.—The pressure, temperature and relative humidity for September 5 to 8 are taken from a self-recording instrument.

ZAMBOANGA.

[$\phi = 6°\ 54'$ N; $\lambda = 122°\ 05'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.91 mm.]

OCTOBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.59	59.30	60.47	57.73	58.73	60.50	59.39	24.9	24	27.7	28.1	24.5	24.8	25.7	30.1	23.5	88	92	84	73	91	88	86	3
2..	59.25	59.27	60.16	57.64	57.97	59.69	59.	24.4	23.2	27.5	27.8	26.7	25.1	25.8	28.3	22.5	88	94	78	76	80	92	84.7	.3
3..	58.48	58.72	59.63	57.44	58.01	59.59	58.64	24.6	24.3	28	28.7	27	25.5	26.4	29.1	23.5	92	91	81	77	85	88	85.7	.....
4..	58.32	58.43	59.34	57.11	57.66	59.29	58.36	25.4	24.6	27.7	27.8	26.1	26	26.3	29.2	23.7	88	91	83	76	84	84	84.3	3.3
5..	57.37	58.48	58.90	57.53	57.42	59.31	58.17	25	22	26.2	23.5	25	23.2	24.2	27.5	21.5	85	97	79	96	92	98	91.2	24.4
6..	57.22	57.12	58.88	56.45	57.05	58.33	57.51	24.5	25.9	24.2	26.9	27.2	25	25.6	27.7	22.5	92	84	97	74	79	89	85.8	10.9
7..	57.30	58.10	58.63	57.47	57.77	59.17	58.07	27.5	27.4	27.7	24.2	24.1	23.8	25.8	28	23	86	87	88	91	96	94	90.3	24.5
8..	57.89	58.15	59.15	57.29	57.85	59.49	58.30	23.6	26	28	28.7	27.5	25.5	26.6	29.6	23	95	92	81	80	84	90	87	3.6
9..	58.41	59.26	59.95	57.83	58.67	60.61	59.12	24.7	24.5	27.3	28.6	23.3	23.2	25.3	29.4	22.5	87	83	75	72	91	94	83.7	49.7
10..	59.06	60.02	60.68	57.84	58.86	60	59.41	23.1	24.2	25.5	26.7	25.5	24.2	24.9	27.5	22.5	96	97	88	79	85	90	89.2	7.1
11..	58.58	58.88	59.34	57.14	58.02	59.23	58.53	23.7	23.3	27.8	28.8	26.6	25.2	25.9	29.8	22.5	89	88	75	72	82	92	83	.....
12..	58.71	58.94	59.35	57.65	58.68	60.43	58.96	24.4	24.1	27.2	27.8	27.5	25.6	26.1	28	23.3	91	89	84	79	78	87	84.7	1.8
13..	59.33	59.95	60.60	58.71	58.89	60.76	59.71	24.5	24.2	24.9	27.5	28.2	24.7	25.7	29.1	23.5	93	94	95	77	74	84	86.2	1.6
14..	59.45	59.45	60.60	58.31	58.75	60.01	59.43	24.1	23.7	29.8	27.5	26.7	24.7	26.1	30.5	23	85	85	76	82	88	89	84.2	.....
15..	59.20	59.31	60.16	57.34	57.33	58.97	58.72	24.2	23.7	26.8	28.6	27.4	24.8	25.9	29	23	89	89	82	77	81	88	84.3	1.5
16..	57.84	58.22	58.49	55.84	55.99	57.76	57.36	24.2	23.8	27.8	28.5	27.7	25.5	26.2	29.2	22.8	88	88	82	80	81	88	84.5	.....
17..	56.21	56.47	56.99	54.88	55.19	56.52	56.04	24.3	24	28	28.7	27.2	24.8	26.2	29.7	23.4	87	87	80	81	83	90	84.7	.....
18..	55.68	56.04	57.07	54.83	55.90	57.66	56.20	24.2	24	27	28.4	27.7	25.2	26.1	29	22.5	90	87	84	82	87	91	86.8	.....
19..	56.69	57.06	58.04	56.30	56.08	58.16	57.06	24.4	23.7	27.6	28.3	28.1	25.2	26.2	29.2	23	90	88	87	84	83	88	86.7	.....
20..	57.35	57.42	58.30	56.65	56.49	58.42	57.44	24.3	24.1	28	27.2	26.8	24.9	25.9	28.8	23.5	87	94	81	86	90	89	87.8	.....
21..	57.48	57.82	58.49	56.54	57.21	58.70	57.71	24.1	24	28	27.8	27	25.2	26	29	23.5	94	94	85	82	88	91	89	1.1
22..	57.61	57.87	59.40	57.32	57.97	59.94	58.35	24.3	23.5	27	26	25.4	24.4	25.1	27.5	23.2	95	97	86	90	94	94	92.7	44.7
23..	58.49	58.69	59.43	57.17	57.74	59.23	58.46	23.6	22.8	27.1	24.5	26.5	25.4	25	27.9	22.4	94	97	84	96	85	88	90.7	44.7
24..	58.17	58.19	58.60	56.89	57.24	58.20	57.88	23.2	22.6	27.5	28	26.7	24.6	25	29	22	90	90	77	76	80	89	83.7	3
25..	57.37	58.17	58.40	56.43	56.60	58.62	57.60	23.9	23.8	27.1	28.1	27.1	25.6	25.9	30.5	23	96	97	83	78	83	93	88.3	.....
26..	57.25	57.54	58.20	55.45	56.62	57.82	57.15	25.4	24.7	26.8	27.5	25.6	25.8	26	28.7	23.8	90	90	86	83	93	85	87.8	.....
27..	57.13	57.62	57.83	55.58	56.20	58.49	57.14	24.7	24.4	26.1	28.3	25.4	24	25.5	29	23.5	94	94	87	79	87	91	88.7	2
28..	57.38	57.61	58.85	57.08	58.26	60.25	58.24	23.9	24	27.9	28.2	27	24.4	25.9	29	23.1	91	95	80	77	84	82	84.8	8.4
29..	58.11	58.37	59.51	57.50	58.24	59.09	58.47	24	23	27.3	28.4	27	25	25.8	29.4	22.5	83	90	82	75	86	96	85.3	.3
30..	57.56	57.46	58.15	56.30	57.12	57.98	57.43	24	23.9	27.5	28.8	25.9	24.5	25.8	29.3	23	95	90	81	75	85	87	85.5	.3
31..	56.46	56.63	57.59	55.78	55.33	57.27	56.51	23.7	23.7	28	28	27.5	25.8	26.1	29.3	22.5	92	92	77	77	79	89	84.3	.3
Mean	57.90	58.21	59.01	56.90	57.41	59.02	58.08	24.3	24	27.3	27.6	26.5	24.9	25.8	28.9	22.9	90.3	91.1	82.9	80.1	85.1	89.6	86.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	236.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	NE	SSE	WSW	NW	NW	16.1	37.3	92.3	98.2	243.9	8	Ci.	Fr.-N.	8	Ci.-S.	Cu.-N.
2..	N	N	W	W	WNW	Calm	52.1	74.3	132.3	14.3	273	10	Ci.-S.	N.	9	Ci.-S.	Fr.-N.
3..	N	NNE	SSE	W	W	NW	21.4	28.7	79.2	20.6	149.9	7	Ci.-S.	N.	8	Ci.-S.	Fr.-N. W
4..	N	Calm	W	W	W	NW	30	52.5	98.8	69.5	250.8	8	Ci.-S.	Fr.-N.	10	Ci.-S.	N.
5..	NW	WNW	NW	NW	W	NW	57.6	95.6	122.9	57.3	333.4	10	Ci.-S.	Fr.-N. W	10	Ci.-S.	N.
6..	NW	WNW	W	W	WSW	W	108.8	219.1	143.8	29	500.7	10	Ci.-S.	N.	10	Ci.-S.	N. W
7..	W	WSW	WSW	W	NE	Calm	88.2	111.8	97.6	22.7	320.3	10	Ci.-S.	N.	10	.....	N. W
8..	Calm	SSW	W	W	WNW	NNW	22.7	81.9	82.1	21.2	207.9	9	Ci.-S.	Fr.-N. W	8	A.-Cu.	Cu. W
9..	NW	NW	SW	S	NW	NE	19.6	33.8	67	34.9	155.3	10	Ci.-S.	Fr.-N.	7	Ci.	Fr.-Cu. W
10..	NW	NW	W	WNW	N	Calm	59.7	99.3	93.9	17.1	270	10	.....	N. NW	9	Ci.-S.	Fr.-N. NW
11..	N	N	SSE	W	WNW	WNW	22.8	42	146.6	24.6	236	3	Ci.	Cu.	4	Ci.	Cu.
12..	N	NNE	SE	WSW	SSE	Calm	26.2	25.9	40.4	14.5	107	10	Ci.-S.	Fr.-N.	8	Ci.-S.	Cu.
13..	N	Calm	NNE	SE	E	NE	32.5	30.6	56.3	21.4	140.8	10	Ci.-S.	Fr.-N.	8	Ci.	Fr.-Cu. SE
14..	N	NE	SE	SE	Calm	N	25.2	45.3	44.6	20.1	135.2	9	Ci.-S.	Fr.-N.	9	Ci.-S.	Fr.-N. E
15..	N	NE	S	S	W	N	25.2	37	69.2	20.9	152.3	10	Ci.-S.	N. NE	8	Ci.	Cu.
16..	N	NNE	WSW	W	NW	NE	17.7	41.8	93.6	20.4	173.5	9	Ci.-S.	Fr.-N.	7	Ci.-S.	Cu. W
17..	N	NNE	WSW	W	W	NNE	28	34.9	33.2	22.3	118.4	9	Ci.-S.	Fr.-N.	8	Ci.-S.	Fr.-N.
18..	NNE	NE	SE	S	W	N	21.9	34.8	58.7	15.5	130.9	8	Ci.	Fr.-N. NE	8	Ci.-S.	Cu.
19..	N	NE	W	S	Calm	NNE	17.1	49.3	27.1	17.9	111.4	4	Ci.	N.	9	Ci.-S.	Fr.-N.
20..	N	Calm	SE	SW	SW	NNE	22.2	67.8	78.1	22.8	190.9	9	Ci.-S.	N.	5	Ci.-S.	Cu.-N.
21..	N	NE	SSE	SW	Calm	NE	26.2	35.4	70.6	22.5	154.7	10	Ci.-S.	Fr.-N.	7	Ci.-S.	Cu.
22..	NNE	NE	SSE	SW	W	WSW	19.6	31.9	95.6	44.6	191.7	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. SW
23..	N	NE	SSE	NW	WNW	Calm	24.1	37.8	68.4	19.1	149.4	10	Ci.-S.	N.	10	Ci.-S.	N.
24..	NE	NE	SSE	W	NW	Calm	21.1	49.9	64.9	11.1	147	9	Ci.	Fr.-N.	8	Ci.-S.	Fr.-N.
25..	N	Calm	SW	SE	WSW	NW	15.3	35.9	92	48.3	191.5	10	Ci.-S.	Fr.-N.	8	Ci.-S.	Cu.
26..	NNW	NW	W	W	W	WNW	26	101.6	168.6	79.1	375.3	9	Ci.-S.	Fr.-N.	8	Ci.-S.	Fr.-N. W
27..	Calm	NE	W	W	W	Calm	31.7	25.1	127.4	27.7	211.9	10	Ci.-S.	N. NE	8	Ci.-S.	Cu. W
28..	NNE	N	SSW	W	W	N	22.5	30	33.2	62	147.7	10	Ci.-S.	Fr.-N. N	8	Ci.-S.	Fr.-N. W
29..	N	NNE	S	WNW	WNW	Calm	26.9	37	70.6	11.9	146.4	4	Ci.	Cu.	7	Ci.-S.	Fr.-N NW
30..	N	NE	SE	W	Calm	Calm	19.6	32.2	60	15.1	126.9	8	Ci.-S.	Fr.-N. NE	7	Ci.-S.	Fr.-N. NE
31..	N	NE	SW	W	WNW	Calm	16.3	37.8	66.6	15.1	135.8	9	Ci.-S.	Fr.-N.	7	Ci.	Cu.-N. NE
Mean	.....	.....	.....	.....	.....	.....	31.1	54.8	83.1	30.4	199.4	8.8	.....	.....	8.1	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,179.9	.....	.....	.....	.....	.....	.....

ZAMBOANGA.

[$\phi = 6°\ 54'$ N; $\lambda = 122°\ 05'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.91 mm.]

NOVEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	56.07	56.09	57.74	55.31	56.02	57.23	56.41	24.6	23.6	26.6	28.2	26.5	25.8	25.9	28.5	23	89	90	89	87	83	87	87.5	6.8
2..	56.12	56.28	57.42	55.60	55.80	57.35	56.43	24.5	23.4	27.2	27.5	27.8	25.4	26	29	22.9	93	94	75	79	75	88	84	.....
3..	56.17	56.37	57.42	56.40	56.87	58.47	56.95	24.4	24	27	24	24.5	23.8	24.6	30.3	22.8	90	90	78	97	96	96	91.2	7.7
4..	57.23	56.87	58.93	56.69	57.31	58.91	57.66	24.2	23.8	27.5	26.7	27.6	25.5	25.9	29.2	23.1	94	92	87	77	80	92	87	2
5..	57.16	57.27	58.88	56.18	56.75	58.42	57.44	24.1	23.4	27.6	28.1	27.1	25.4	26	29.6	22.5	91	93	79	73	80	88	84	4.3
6..	57.17	57.32	58.43	56.80	57.37	58.68	57.63	24.4	24	29.5	27.5	24.5	24.1	25.7	31.2	23.3	91	91	71	84	93	94	87.3	16.5
7..	57.89	58.49	59.65	57.09	57.60	59.86	58.43	23.5	24	24.5	27.4	27.2	24.5	25.2	29.6	23.1	97	97	96	80	84	89	90.5	11
8..	58.39	58.61	59.30	56.73	56.92	58.32	58.04	23.8	23	28.5	27.8	27.2	24.8	25.8	29.8	22.6	93	93	73	82	79	94	85.7	.....
9..	56.88	57.14	57.63	55.71	56.49	57.90	56.96	23.8	23.5	28	27.4	27.6	25	25.9	31.6	22.6	93	88	74	81	79	85	83.3	.....
10..	56.77	56.96	58.26	56.82	56.67	58.12	57.27	24	23.5	28.4	25.5	25.7	24.2	25.2	29.5	23	92	96	75	92	91	90	89.3	1.1
11..	57.07	57.82	58.76	56.50	57.51	59.14	57.80	23.5	23.2	28	28.2	27.3	25.2	25.9	29	22.5	87	87	76	76	78	87	81.8	.....
12..	57.97	58.59	59.85	57.01	57.88	59.60	58.48	23.6	23.4	28.1	28.4	27.4	25.8	26.1	29.5	23	88	88	76	73	81	89	82.5	.....
13..	57.86	58.80	59.03	56.28	57.29	58.45	57.95	24.8	25.4	28.4	28.7	27.3	25.5	26.7	30.5	24	89	91	77	80	85	96	86.3	3.3
14..	56.66	56.67	57.55	55.17	56.57	56.79	56.57	25.2	23.8	27.5	27	24.2	23.5	25.2	28.4	22.5	94	93	83	88	94	96	91.3	78.2
15..	55.77	55.96	56.77	55.27	56.27	57.77	56.30	25	24.2	25.7	26.7	26.2	25.8	25.6	27.5	22.8	96	97	81	75	80	81	85	4.1
16..	56.79	56.67	58.05	56.22	57.43	58.66	57.30	24.5	25.4	26	27.3	24.2	27	25.7	27.6	23.5	88	86	85	76	90	86	85.2	3.9
17..	57.78	58.63	58.76	56.93	57.50	58.75	58.06	26.7	26.4	28	29	27.1	24.6	27	29.5	23.6	87	85	74	69	79	85	79.8	.....
18..	58.21	58.23	58.59	56.84	57.56	58.91	58.06	24	23.9	28	28.5	27.5	25.2	26.2	29.5	23.5	88	88	72	75	76	90	81.5	4.6
19..	58.21	58.77	59.20	57.14	57.84	58.91	58.34	23.4	23.3	28.2	28.5	27.3	24.6	25.9	29	22.6	97	96	76	74	85	91	86.5	.....
20..	58.50	59.14	59.95	57.47	58.29	59	58.72	24	23.8	28.1	27.6	28	25.2	26.1	29.8	23.3	90	86	76	84	79	88	83.8	.....
21..	58.01	59.01	59.78	57.87	58.23	59.14	58.67	24.3	23.8	27.7	28.7	28	25.2	26.3	29.2	23.1	89	86	79	77	79	92	83.7	.5
22..	57.97	58.29	59.03	56.95	57.22	58.30	57.96	24.6	24	28	28	25.2	24.8	25.8	29.5	23.4	89	89	79	81	90	95	87.2	12
23..	57.21	57.27	58.53	55.88	56.31	57.71	57.15	24.2	24.5	25.3	26	26	24.8	25.2	27.5	23.5	94	89	93	83	85	95	89.8	.3
24..	56.56	56.37	57.78	55.78	56.59	58.33	56.90	24.2	24	27.7	27.8	27.4	25	26	28.8	23.4	91	91	83	82	81	93	86.8	1
25..	57.20	57.77	59.35	56.84	57.87	58.87	57.98	24.2	24	27.2	27.5	26.6	25.3	25.8	28.3	23.5	94	96	85	74	84	89	87	.....
26..	57.67	58.17	59.16	58.09	58.80	59.69	58.60	24.8	23.8	28.9	24.5	26.3	25.3	25.6	31.2	23.2	90	93	73	82	80	80	83	.....
27..	57.90	58.87	59.69	57.02	57.57	58.65	58.28	23.9	24.1	29.2	29	28.2	25	26.6	30.2	22.9	84	84	57	64	69	88	74.3	.....
28..	58.10	59.21	60.18	57.95	58.49	60.03	58.99	24.5	24	28.1	28	7 27.9	25	26.4	29.5	23.5	87	87	78	69	78	88	81.2	1.8
29..	59.30	59.87	60.45	58.83	59.33	60.70	59.75	24.3	24.2	28	28.4	26.3	24.5	26	30	23.4	86	86	79	78	82	86	82.8	.....
30..	59.72	59.71	60.55	58.05	59.05	60.14	59.54	23.4	23	30.5	29.1	27.5	25	26.4	32	22.2	90	88	60	74	78	88	79.7	.....
Mean	57.48	57.84	58.82	56.71	57.38	58.69	57.82	24.3	23.9	27.7	27.6	26.7	25	25.9	29.5	23.1	90.7	90.3	78	78.9	82.4	89.5	85	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	159.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	NE	N	W	W	WNW	23.9	27.6	102	69.8	223.3	7	A.-Cu.	Fr.-N.	8	Ci.-S.	Fr.-N.
2..	N	ESE	S	WSW	Calm	E	18.7	31.6	66.5	28.2	145	10	Ci.-S.	Fr.-N. ESE	8	Ci.-S.	Fr.-N. E
3..	N	NE	E	NE	ENE	NE	17.5	41.2	31.4	19.9	110	10	Ci.-S.	Fr.-N. E	10	Ci.-S.	Fr.-N. SE
4..	NNE	NE	ENE	WSW	NW	ENE	21.5	26.9	67.4	14.5	130.3	4	Ci.	N.	7	Ci.	Cu. E
5..	N	NE	WSW	WNW	SSW	N	23.5	35.4	46.5	20.3	125.7	9	Ci.-S.	Fr.-N.	9	Ci.-S.	Fr.-N. NW
6..	N	ENE	E	E	W	N	20.7	45.9	59.2	19.1	144.9	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N. SE
7..	N	E	E	E	Calm	ENE	26.6	28.4	30	31.9	116.9	10	.....	N. E	10	Ci.-S.	Fr.-N. E
8..	N	Calm	E	SE	W	N	16.7	39.1	77	32	164.8	10	Ci.-S.	Fr.-N. NE	9	Ci.-S.	Fr.-N. SE
9..	N	N	SSW	W	SW	N	26.6	39.2	46.5	24.6	136.9	4	Ci.	Cu.	9	Ci.-S.	Fr.-N. W
10..	N	NE	S	S	Calm	NE	23.3	32.2	66.5	19.3	141.3	8	Ci.-S.	N. WNW	10	Ci.-S.	Fr.-N. S
11..	N	NNE	SSW	WSW	Calm	NNE	22	34.1	88.3	20.6	165	7	Ci.	Cu.	7	Ci.-S.	Fr.-N.
12..	N	N	SW	WSW	Calm	NE	30	90.7	105.6	22	248.3	3	Ci.	Cu.	7	Ci.	Fr.-N.
13..	Calm	Calm	W.	W	SE	Calm	14.5	105.6	62	17.7	199.8	8	Ci.-S.	Fr.-N.	9	Ci.-S.	Fr.-N. W
14..	NW	Calm	W	W	W	W	31.6	57.3	120.1	146.6	355.6	8	Ci.-S.	Fr.-N.	9	Ci.-S.	Fr.-N. W
15..	WNW	WSW	WSW	W	W	WSW	223.9	195.8	208.9	182.8	811.4	10	Ci.-S.	Fr.-N. W	8	Ci.-S.	Fr.-N. W
16..	WSW	SW	SW	WSW	W	WSW	112	154.5	151.6	91.9	510	8	Ci.-S.	Fr.-N. SW	9	Ci.-S.	Fr.-N. W
17..	WSW	WSW	W	W	NW	NE	148.7	67.1	81.9	20.9	318.6	6	Ci.-S.	Fr.-N. SW	4	Ci.	Cu.
18..	N	NNE	SE	SE	E	NE	27.6	56	82.9	20.7	187.2	3	Ci.	Cu.	8	Ci.-S.	Fr.-N.
19..	N	N	WSW	W	NE	NE	21.5	30.6	60.2	19.1	131.4	8	A.-Cu.	N.	7	Ci.	Cu.
20..	N	NE	S	SSE	NE	NE	23	34.6	43.1	17.9	118.6	2	Ci.	Cu.	8	Ci.-S.	Fr.-N.
21..	N	NE	WSW	WSW	WNW	N	21.2	39.1	79.1	18.7	158.1	8	A.-Cu.	Fr.-N. NE	8	Ci.	Cu.
22..	N	NNE	SW	SSW	NW	NW	23.6	49.9	52.6	18.3	144.4	8	Ci.-S.	Fr.-N.	9	Ci.-S.	Fr.-N. NE
23..	N	NNW	S	S	NW	ENE	15.8	40.7	48.1	17.7	122.3	10	Ci.-S.	Fr.-N. NNW	10	Ci.-S.	Fr.-N.
24..	N	NE	SW	W	W	Calm	23.6	36.7	96	23.6	179.9	9	Ci.-S.	N.	9	Ci.-S.	Fr.-N.
25..	NE	NNE	W	WSW	Calm	NE	19.5	44.6	58.1	21.4	143.6	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N.
26..	N	Calm	SSW	WNW	W	Calm	20.1	47	108.1	38.9	214.1	9	A.-Cu.	Fr.-N.	9	Ci.-S.	Fr.-N. W
27..	N	N	W	WSW	ENE	NE	22.2	28.4	47.2	18.5	116.3	10	Ci.-S.	Fr.-N.	6	Ci.-Cu.	Cu.
28..	N	NE	SSW	WSW	NW	NE	21.5	33.5	62.5	22.5	140	8	Ci.	Cu. NE	6	Ci.	Cu.
29..	N	NNE	S	WSW	N	NE	29	53.6	50.4	19.5	152.5	9	Ci.-S.	Fr.-N. NE	8	Ci.	Cu.-N. NE
30..	N	NNE	ESE	SSE	Calm	NE	19.9	61.5	76.2	20.3	177.9	3	Ci.	Cu.	7	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	36.3	53.6	75.9	35.3	201.1	7.6	.....	.....	8.3	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,034.1	.....	.....	.....	.....	.....	.....

ZAMBOANGA.

[$\phi = 6°\ 54'$ N; $\lambda = 122°\ 05'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.91 mm.]

DECEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.54	59.66	60.73	58.25	58.85	60.43	59.58	24.2	23.7	28	26.1	26.2	24	25.4	29.8	23	87	85	77	83	84	87	83.8	2
2..	59.35	59.54	60.45	58.05	58.78	60.36	59.42	23.9	23.2	27.7	28.6	27.7	25.3	26.1	30	22.5	88	90	82	71	79	81	81.8	.....
3..	58.80	59.11	60.54	58.20	58.80	59.33	59.13	24.3	23.7	28	27.1	26.5	24.6	25.7	30.2	23.2	86	90	81	78	86	92	85.5	.....
4..	58.72	59.32	59.75	57.65	58.84	59.24	58.92	24.2	24.5	27.6	28.8	27.8	25.1	26.3	31	23.2	91	86	80	69	79	83	81.3	.....
5..	58.38	58.59	59.08	56.99	57.41	58.10	58.09	23.9	23.5	27.7	29.5	27.5	24.7	26.1	29.9	22.8	85	85	82	63	80	83	79.7	.....
6..	56.79	57.11	57.33	55.39	56.99	56.66	56.71	23.5	23.8	29	27.5	26.9	23.2	25.6	31.5	22.5	87	85	69	83	76	92	82	3.6
7..	54.88	55.79	56.31	53.73	55.40	56.33	55.41	24.5	22.8	30.1	28.2	25.5	24.3	25.9	31.6	21.5	86	89	69	77	86	90	82.8	7.9
8..	55.04	55.44	56.18	54.10	55.18	57.05	55.50	23.3	22.8	30	29.8	27	24.7	26.3	31	22.3	93	93	69	71	83	90	83.2	1
9..	56.19	56.97	58.13	56.19	57.03	58.45	57.16	24.2	24.4	28.4	29.6	28.6	25.3	26.8	31.2	23.2	91	91	74	70	77	85	81.3	1.3
10..	57.57	57.81	58.52	55.69	56.48	57.86	57.32	24.4	23.7	28.5	28.1	27.5	24.8	26.2	31.4	23	87	87	78	74	77	89	82	1
11..	56.71	57.01	58.26	55.55	56.73	58.37	57.10	23.9	23.9	29	28.2	26.6	25.8	26.2	29.6	21.9	89	89	76	78	80	84	82.7	42.6
12..	56.79	57.02	58.10	56.45	56.46	58.20	57.17	21.9	21.6	26.8	28.3	27.7	24.4	25.1	28.8	21.1	94	95	76	71	78	85	83.2	.....
13..	57.36	57.74	58.28	56.80	57.75	58.77	57.78	23.8	23.4	27.8	29.2	27.1	25	26	29.9	22.5	88	89	82	71	82	88	83.3	.....
14..	57.54	57.94	59.03	56.67	57.28	58.27	57.79	23.7	23.2	27.6	28.5	27.5	25.2	26	29.5	22.2	90	90	82	78	84	85	84.8	.....
15..	57.55	57.98	58.59	56.52	56.66	58.32	57.60	24.9	24.4	29.2	29.3	27.5	24.7	26.7	32.7	23.2	84	82	66	72	78	81	77.2	.....
16..	57.27	56.90	57.78	56.03	56.45	57.37	56.97	24.1	23.4	30.7	28.5	27	24.6	26.4	32.2	22.5	82	86	62	74	83	84	78.5	.....
17..	56.77	57.01	58.36	56.35	57.25	58.23	57.33	23.9	23.5	27	27.8	26.4	24.2	25.5	28.5	22.5	88	89	81	75	80	90	83.8	9.9
18..	57.77	58.54	58.76	56.89	57.14	58.65	57.96	23.5	23.4	26.8	28	26.6	25.2	25.6	32	22.8	96	97	84	78	85	88	88	.3
19..	57.71	58.16	58.43	57.08	57.36	58.58	57.89	24.4	23.8	29.5	28.8	26.9	24.8	26.4	31.6	23.2	92	93	68	71	83	90	82.8	.3
20..	57.29	57.38	57.80	56.08	56.85	58.15	57.26	24.3	23.3	27.4	29.5	27.3	25.3	26.2	30.8	22.8	89	89	79	68	82	87	82.3	.....
21..	57.82	57.88	57.90	55.78	56.25	57.62	57.21	24	23.6	30.2	29	27.8	24.3	26.5	31.6	23.2	91	90	66	67	77	82	78.8	.....
22..	57.16	57.22	57.83	56.16	56.25	57.23	56.98	23.2	23	31.2	29.3	28.5	25	26.7	32	22.1	83	83	62	74	67	81	75	.....
23..	56.34	56.39	57.58	55.78	56.74	58.69	56.92	24.4	24.4	30	27.7	26	22.5	25.8	31.4	22	83	83	65	81	84	96	82	63.5
24..	57.83	57.27	58.14	55.61	56.21	57.53	57.10	23.3	23	25	27.2	26.5	23.5	24.8	28.7	22.4	96	96	89	79	86	96	90.3	4.6
25..	56.42	56.83	57.39	55.44	55.85	57.04	56.50	23.3	23.3	27.8	25.4	25.3	23.8	24.8	28.8	22.5	93	93	78	80	90	97	88.5	13.5
26..	55.18	56.32	57.31	55.07	55.49	56.67	56.01	23.3	23.8	25.7	26.3	24.7	24.8	24.8	27	22.8	97	97	90	86	92	91	92.2	16
27..	55.83	56.01	57.52	54.90	55.57	57.17	56.17	23.8	24.5	25.3	27.5	26.7	24.7	25.4	27.9	23	93	92	93	79	78	90	87.5	11
28..	56.57	56.34	57.73	55.80	55.74	57.53	56.62	24.3	24.3	29	25.8	23.6	23.5	25.1	30	23	89	89	72	91	97	96	89	25.2
29..	56.71	57.28	58.23	56.92	56.96	57.89	57.33	24.2	23.7	27.5	23.6	24.5	24.1	24.6	28.5	23.2	94	93	82	97	92	92	91.7	15.7
30..	57.33	57.30	58.34	56.73	57.10	58.79	57.60	23.7	23.4	27.8	27.8	26.6	24.5	25.6	29	23	94	95	76	78	84	90	86.2	.....
31..	58.21	58.02	58.89	57.30	57.76	59.67	58.31	24.7	23.5	28.3	26.2	25.6	24.1	25.4	29.9	22.9	88	87	72	85	90	97	86.5	.....
Mean	57.21	57.48	58.30	56.26	56.89	58.15	57.38	23.9	23.6	28.2	27.9	26.7	24.5	25.8	30.3	22.6	89.5	89.6	76.2	76.5	82.5	88.5	83.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	219.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	NNE	SSW	SW	Calm	NE	28.5	34.1	68.1	21.4	152.1	8	Ci.	Cu.	10	Ci.-S.	N.
2..	Calm	N	SSE	W	NW	Calm	16.3	47	79.5	14.8	157.6	6	Ci.	Cu.	6	Ci.	Cu.
3..	Calm	Calm	E	W	Calm	Calm	21.1	31.4	69.2	9.1	130.8	5	Ci.-S.	Fr.-N. NE	9	Ci.-S.	Fr.-N.
4..	N	NE	ESE	SSE	Calm	N	24.7	59.7	80.7	19.5	184.6	9	Ci.	Fr.-N. NE	7	Ci.	Cu. NE
5..	N	NNE	W	WSW	Calm	N	29.5	34	43.7	22.3	129.5	8	Ci.	Cu.	8	Ci.	Cu.
6..	N	NE	ESE	WNW	E	Calm	22.7	50.7	78.7	23.8	175.9	8	Ci.-S.	Fr.-N. NE	9	Ci.-S.	Fr.-N. W
7..	NE	NE	NE	W	ENE	NE	31.1	43.3	49.1	23	146.5	9	Ci.-S.	Fr.-N. NE	9	Ci.-S.	Fr.-N. W
8..	N	NNE	E	ESE	NE	NNE	25.5	56.8	61.4	23.9	167.6	8	Ci.-S.	Fr.-N.	8	Ci.-S.	Fr.-N. E
9..	N	NNE	SE	E	Calm	NNE	28.4	55.7	52	23	159.1	9	Ci.-S.	Fr.-N. S	8	Ci.	Fr.-Cu. E
10..	N	NNE	SE	SSW	NNW	NNE	23.3	57.1	71.1	26.8	178.3	2	Ci.	Cu.	7	Ci.	Cu.
11..	N	NE	ESE	SSE	N	ESE	20.7	25.5	47.5	36.8	130.5	9	A.-Cu.	Fr.-N. NE	9	Ci.-S.	Fr.-N. SE
12..	N	ENE	WSW	W	Calm	NNE	24.1	31.9	87.9	19.6	163.5	8	A.-Cu.	Fr.-N.	3	Ci.	Cu.
13..	N	NNE	SSE	S	NW	NNW	32.4	40.4	71	19.6	163.4	8	Ci.	Fr.-N.	8	Ci.-S.	Fr.-N. E
14..	N	NNW	WSW	W	Calm	Calm	24.9	60	108.6	16.9	210.4	8	A.-Cu.	Fr.-N.	7	Ci.	Cu.
15..	NNE	NNE	NE	W	NW	NNE	16.7	48.5	65	23.5	153.7	10	Ci.-S.	Fr.-N.	8	Ci.-S.	Cu.
16..	N	NNE	ENE	SE	Calm	Calm	27.4	48	63	13.1	151.5	8	Ci.	N.	8	Ci.-S.	Fr.-N. NE
17..	N	NNE	SE	SSW	NW	NW	25.5	42	53.7	28.7	149.9	10	Ci.-S.	N.	9	A.-S.	N.
18..	Calm	NNE	S	WNW	NW	NNW	17.1	26.9	50.4	20.6	115	10	Ci.-S.	Fr.-N.	9	Ci.-S.	Fr.-N.
19..	N	NNE	ENE	W	WNW	Calm	23.1	47	81	21.1	172.2	10	Ci.-S.	Fr.-N.	9	Ci.-S.	Fr.-N. NE
20..	N	NNE	SE	E	NE	N	23.9	71.9	88.2	16.7	200.7	7	Ci.	Cu.	8	Ci.-S.	Fr.-Cu. E
21..	N	Calm	E	SSE	W	N	15.8	52.5	86.1	22	176.4	7	Ci.	Cu.	6	Ci.	Fr.-Cu. NE
22..	N	Calm	NNE	WSW	SE	N	18	49.9	44.5	24.7	137.1	6	Ci.	Fr.-N.	6	Ci.	Cu.
23..	Calm	NE	NE	W	S	NW	14.8	37.5	91.4	31.7	175.4	10	Ci.-S.	Fr.-N.	9	Ci.-S.	Fr.-N. W
24..	N	NE	Calm	SSE	Calm	NE	35.9	12.1	35.4	24.4	107.8	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N. NE
25..	N	NE	SSE	SSW	Calm	NNW	25.4	43.3	78.1	18.3	165.1	8	Ci.-S.	Fr.-N.	10	Ci.-S.	N.
26..	NNW	NNE	WNW	NW	NW	NW	17.7	69.8	139.4	64.7	291.6	10	Ci.-S.	Fr.-N. SE	7	Ci.-S.	Fr.-N.
27..	N	NW	WSW	W	WNW	NNW	29.8	60	105.2	25.9	220.9	9	Ci.-S.	Fr.-N. W	8	Ci.-S.	Fr.-N. W
28..	NNE	NE	SE	NE	ENE	NNE	24.4	53.1	53.4	30.4	161.3	9	Ci.-S.	Fr.-N. SE	8	Ci.-S.	Fr.-N. NE
29..	N	NE	SW	SW	WNW	Calm	22.5	44.5	79.9	24.3	171.2	10	Ci.-S.	Fr.-N. S	10	Ci.-S.	N.
30..	N	NNE	SSW	SW	Calm	NE	20.3	27.4	47.8	19.3	114.8	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N.
31..	N	NNE	SSE	S	NE	NNE	24.1	37	52.8	19.6	133.5	8	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N. S
Mean	.....	.....	.....	.....	.....	.....	23.7	45.1	70.4	23.5	162.8	8.3	.....	.....	8.2	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,047.9	.....	.....	.....	.....	.....	.....

TAGBILARAN.

[$\phi = 9°\ 38'$ N; $\lambda = 123°\ 51'$ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

JANUARY, 1917.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.63	58.57	59.01	56.81	58.20	59.36	58.26	24.1	23.2	29.3	29.1	26	23.2	25.8	30.6	22.5	91	95	75	70	86	91	84.7	.....
2	57.81	58.97	59.91	57.30	58.52	59.91	58.74	22.5	22.3	30.6	29	25.5	24	25.6	31.3	21.4	95	96	62	74	84	88	83.2	.....
3	58.67	59.33	60.08	57.86	59.28	60.04	59.21	22.3	23	28.9	26.5	23.4	23.1	24.5	29.8	21.6	94	95	75	87	96	96	90.5	19.8
4	59.09	60.25	60.73	58.57	60.40	61.79	60.14	23.1	23.1	28.2	26.4	24.8	23.2	24.8	29.8	21.9	95	96	73	92	90	91	89.5	2.8
5	61.60	61.99	62.84	60.61	61.98	62.75	61.96	23.2	22.7	28.2	28.5	25	23.1	25.1	29.7	21.8	91	94	63	68	80	92	81.3	.....
6	61.81	62.52	62.46	60.75	61.07	61.56	61.70	21.8	22.4	26.9	25.3	24	23.1	23.9	28.7	21	90	91	69	81	85	90	84.3	.....
7	60.73	61.20	61.56	59.48	60.64	61.66	60.88	23.1	23.1	27.4	30.4	25.4	23	25.4	30.9	21.7	91	92	74	58	81	91	81.2	.....
8	60.78	61.99	62.95	61.18	61.47	62.16	61.76	23	22.6	28	24.9	24	23	24.2	29.6	21.7	93	95	67	83	91	95	87.3	.....
9	61.86	62.37	62.65	60.58	61.55	62.42	61.90	23.1	23.2	28.4	30.3	25.6	24	25.8	31.2	22.4	90	91	69	62	87	90	81.5	.....
10	61.82	61.75	62.33	60.39	61.02	61.76	61.51	23.3	23.3	29.1	29.2	25	23.5	25.6	31.4	22.4	92	93	64	64	83	92	81.3	.....
11	60.61	60.71	61.34	59.12	60.29	60.94	60.50	23.9	23.8	25.9	27.1	23	23	24.4	28.4	22.1	93	94	93	87	97	96	93.3	15
12	60.30	60.59	60.97	58.67	60.07	61.44	60.34	22.6	22.5	25	27	24.2	23.5	24.1	28.3	21.5	95	96	90	83	91	92	91.2	20
13	59.72	59.60	60.24	58.25	58.85	60.25	59.48	22.6	22.6	29.5	29.4	25.6	24.5	25.7	30.6	21.7	93	94	63	65	85	92	82	.....
14	58.83	59.37	59.88	57.78	58.85	59.98	59.12	23.9	23.4	28.8	27.6	24.6	24	25.4	31.1	22.8	94	97	73	77	93	92	87.7	2.8
15	59.23	59.67	60.03	57.20	58.40	58.81	58.89	23	23.7	26.7	28.4	25.9	24.3	25.3	29.1	22.3	93	94	83	75	85	88	86.3	.....
16	58.09	58.68	58.95	57.14	58.59	58.96	58.40	24	23.3	27.9	26	24.3	23.4	24.8	29.6	22.4	91	94	73	85	94	96	88.8	.....
17	58.09	58.43	59.17	56.76	57.93	59.18	58.26	23.3	23.6	27.7	26.9	25.2	24.5	25.2	28.1	22.4	94	95	80	88	90	92	89.8	31.5
18	57.62	58.04	58.06	55.68	57.55	58.59	57.59	23.9	24.2	29.5	27.8	24.5	23.2	25.5	30.4	22.3	93	95	70	82	94	91	87.5	6.1
19	57.19	57.79	58.76	55.83	57.71	58.27	57.59	23.1	22.8	27.4	27.2	26	24.8	25.2	29.2	21.7	92	94	81	81	86	93	87.8	.....
20	57.33	57.89	58.23	55.79	56.77	58.43	57.41	23.9	23.7	28.3	29	26.8	24.4	26	29.7	22.5	93	94	76	74	85	89	85.2	.....
21	57.42	57.74	58.51	56.50	57.87	58.73	57.80	24.2	23.7	28.9	29.3	26.7	24.4	26.2	30	22.7	93	95	70	74	85	91	84.7	.....
22	57.77	58.34	58.35	56.07	57.34	58.40	57.71	23.1	23	28	28	25.8	24.6	25.4	30.3	22.2	93	94	79	79	89	92	87.7	8.6
23	57.91	58.79	58.54	56.44	57.02	58.56	57.88	24.1	23.4	28.4	28.9	26.1	24.5	25.9	30.1	22.7	94	96	73	70	85	92	85	.....
24	57.79	58.28	58.51	56.67	57.32	58.68	57.88	24.1	24	29.5	26.3	25.2	24.3	25.6	31	23.4	92	94	69	90	92	92	88.2	6.6
25	57.51	58.39	58.89	57.03	58.44	60.18	58.41	23.7	23	30	30.1	25.2	22.4	25.7	31.4	21.5	93	95	66	68	74	91	81.2	.....
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
29	57.76	58.44	58.96	57.14	58.55	59.83	58.45	24.1	23.8	29.5	26.1	24.4	23.8	25.3	30.5	23	91	93	68	83	87	93	85.8	4.6
30	58.23	59.02	59.40	57.14	58.32	59.28	58.56	23.2	22.3	29.4	28.4	25.3	23.3	25.3	30.5	21.6	93	94	61	77	87	90	83.7	.....
31	58.32	59	59.41	56.97	57.39	58.58	58.28	22.5	22.1	28.4	28.5	25	23.4	25	29.5	21.5	92	94	68	71	91	91	84.5	.....
Mean	58.98	59.56	60.03	57.85	58.98	60.02	59.24	23.3	23.1	28.4	27.9	25.1	23.7	25.2	30	22.1	92.6	94.3	72.4	76.7	87.6	91.8	85.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	117.8

Day.	Wind.													Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.	6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Mean force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	Calm	....	NE	1	N	2	N	2	Calm	....	Calm	....	0.8	5	Ci.-S.	Cu. ESE	6	Ci.-S.	Cu. ESE
2	Calm	....	Calm	....	W	2	S	3	Calm	....	Calm	....	.8	2	Ci.	Cu. ESE	3	Ci.	Cu. E
3	Calm	....	Calm	....	W	2	S	2	Calm	....	Calm	....	.7	4	Ci.	Cu ESE	10	A.-S.	Fr.-N. E
4	Calm	....	Calm	....	SE	2	S	1	Calm	....	NE	2	.8	7	Ci.-S.	Cu. ESE	9	Ci.-S.	Fr.-N. E
5	Calm	....	Calm	....	N	2	N	3	N	2	N	1	1.3	10	A.-S.	Cu. E	10	A.-S.	Fr.-N.NE
6	Calm	....	N	1	NNE	2	N	3	N	2	N	2	1.7	10	Ci.-S.	Cu. E	10	Ci.-S.	Fr.-N.NE
7	Calm	....	N	1	NNE	3	NE	3	Calm	....	Calm	....	1.2	10	Ci.-S.	Cu. ENE	6	Ci.-S.	Cu. ENE
8	Calm	....	Calm	....	NNE	1	S	4	Calm	....	Calm	....	.8	10	Ci.-S.	Cu. E	10	Ci.-S	Cu. E
9	Calm	....	NNE	1	N	2	NE	3	Calm	....	Calm	....	1	9	Ci.-S.	Cu. E	6	Ci.-S.	Cu. E
10	Calm	....	NE	1	N	3	ENE	2	Calm	....	Calm	....	1	5	Ci.	Cu. ESE	9	Ci.-S.	Cu. ESE
11	Calm	....	N	2	N	2	N	4	N	2	N	1	1.8	10	Ci.-S.	Cu. E	10	A.-S.	N. E
12	Calm	....	N	1	NNE	1	Calm	....	Calm	....	Calm	....	.3	7	Ci.-S.	Cu. E	10	A.-S.	Fr.-N.NE
13	Calm	....	Calm	....	S	2	NNE	1	Calm	....	Calm	....	.5	7	Ci.-S.	Cu. ESE	8	Ci.-S.	Cu. ESE
14	Calm	....	Calm	....	SSE	1	NNE	1	N	1	Calm	....	.5	8	Ci.-S.	Cu. ESE	9	Ci.-S.	Cu. E
15	Calm	....	N	1	N	2	N	1	Calm	....	Calm	....	.7	10	A.-S.	Cu.	10	Ci.-S.	Cu. E
16	Calm	....	Calm	....	N	3	N	2	N	1	Calm	....	1	9	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
17	Calm	....	Calm	....	N	1	N	1	NNE	1	Calm	....	.5	10	A.-S.	Cu. ESE	10	Ci.-S.	Cu. NE
18	Calm	....	Calm	....	N	2	N	1	N	1	Calm	....	.7	7	Ci.-S.	Cu. ESE	9	Ci.-S.	Cu. NE
19	Calm	....	Calm	....	NNW	1	N	1	S	2	Calm	....	.7	10	A.-S.	Cu.	7	Ci.-S.	Cu. NE
20	Calm	....	Calm	....	S	4	NNW	2	S	1	Calm	....	1.2	5	Ci.	Cu. E	6	Ci.	Cu. NE
21	Calm	....	Calm	....	S	3	S	2	Calm	....	Calm	....	.8	4	Ci.	Cu. ENE	5	Ci.-S.	Cu. E
22	Calm	....	Calm	....	NNW	1	S	2	Calm	....	Calm	....	.5	4	Ci.	Cu.	8	Ci.-S.	Cu. ENE
23	Calm	....	Calm	....	N	1	S	1	S	2	Calm	....	.7	10	A.-S.	Cu.	7	Ci.-S.	Cu. NE
24	Calm	....	Calm	....	NNW	1	SSE	2	Calm	....	Calm	....	.5	9	Ci.-S.	Cu.	10	A.-S.	Cu.-N. E
25	Calm	....	Calm	....	S	2	S	4	Calm	....	Calm	....	1	8	Ci.-S.	Cu. NE	5	Ci.	Cu. E
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
29	Calm	....	Calm	....	N	2	S	1	N	1	Calm	....	.7	8	Ci.-S.	Cu. E	9	Ci.-S.	Fr.-N. E
30	Calm	....	Calm	....	N	2	S	1	Calm	....	Calm	....	.5	3	Ci. NNE	Cu.	7	Ci.-S.	Cu. E
31	Calm	....	Calm	....	NNW	1	N	2	Calm	....	Calm	....	.5	8	Ci.-S.	Cu.	7	Ci.-S.	Cu. ENE
Mean	.....	0	.....	0.3	.....	1.9	.....	2	.....	0.6	.....	0.2	0.8	7.5	.....	.....	8.1	.....	.....

This station was temporarily closed from January 26 to 28.

TAGBILARAN.

[$\phi = 9°\ 38'$ N; $\lambda = 123°\ 51'$ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

FEBRUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	57.78	58.38	58.49	56.37	57.36	58.28	57.78	22.3	22	29	25.5	25.1	23	24.5	30.5	21	95	96	69	89	92	95	89.3	9.1
2..	57.23	58	58.61	56.44	57.63	58.89	57.80	22.8	22.8	26.3	29.2	25	23.4	24.9	29.7	21.7	95	96	86	75	87	93	88.7	7.4
3..	58.21	59.05	59.67	57.65	59.21	60.70	59.08	23.3	23.4	26.7	27.9	24	23.3	24.8	28.5	22.5	96	97	83	72	90	96	89	.....
4..	59.99	59.72	60.57	59	59.93	61.52	60.12	23.1	22.3	28.2	27.3	25.3	23.2	24.9	29.5	21.2	91	92	68	73	84	92	83.3	.....
5..	60.27	60.87	61.55	59.43	60.78	61.92	60.80	22.2	22	28.6	28.3	24.7	21.9	24.6	30.2	20.9	94	95	66	67	89	92	83.8	4.1
6..	60.88	61.25	62.06	59.96	60.85	61.84	61.14	22.1	22.4	27.2	29.7	26	23.9	25.2	30.3	21.2	94	95	79	60	77	91	82.7	.....
7..	60.84	61.03	61.58	59.25	60.32	61.97	60.83	23.2	23.2	28.2	28.7	25.4	23.2	25.3	29.7	22.2	93	94	76	73	82	91	84.8	1
8..	60.78	60.72	61.29	58.99	60.12	61.25	60.52	22.1	21.8	27.9	30	25.6	23.6	25.2	31.1	20.9	95	96	73	75	88	90	86.2	5.6
9..	60.60	60.70	61.28	59.05	59.98	60.05	60.28	22.5	22.5	28.4	25.9	22	23	24	29.7	21.5	95	96	71	84	93	92	88.5	21.3
10..	59.80	60.72	61.06	58.61	59.61	60.69	60.08	22.6	22.7	27.4	28.3	24.5	23.1	24.8	30.2	21.5	94	95	77	78	94	92	88.3	2.5
11..	60.19	60.24	60.58	58.30	59.34	60.76	59.90	22.4	22.3	29	29	26	23	25.3	29.7	21.4	93	95	69	74	87	95	85.5	.....
12..	59.95	60.09	61.09	58.88	60.53	61.06	60.27	22.4	22.3	27.9	29.1	24.3	23.5	24.9	29.7	21.5	95	96	77	71	87	95	86.8	1
13..	59.80	60.23	60.82	58.46	59.83	60.84	60	22.4	22.3	28.4	28	25.3	23.9	25	30.9	21.5	96	96	71	74	89	91	86.2	1.3
14..	59.88	59.98	60.21	58.05	58.95	60.80	59.64	23.5	22.9	28.2	29.1	25	24.1	25.5	30.2	22.1	92	95	72	68	87	92	84.3	.....
15..	60.13	60.87	61.21	58.53	59.44	60.93	60.18	23.3	23.4	27.3	28.2	25.2	23.3	25.1	29.8	22.4	96	97	76	77	90	91	87.8	.....
16..	59.82	60.38	60.64	58.16	58.77	59.64	59.57	23.1	21.9	29.5	27.9	25.7	23.1	25.2	30.4	21.2	94	96	69	78	86	89	85.3	.....
17..	58.95	59.59	60.63	57.30	58	59.42	58.98	22.2	21.8	28	29.3	25.4	23.6	25	30.5	20.7	91	93	71	72	88	90	84.2	.....
18..	57.97	58.10	58.76	56.09	56.84	58.13	57.65	23.2	22.5	27.5	28.4	26.3	25	25.5	30.5	21.5	92	94	73	76	81	89	84.2	.....
19..	57.01	57.76	58.76	56.27	57.29	58.47	57.59	23.9	23.3	29.2	28.4	25.3	24.2	25.7	29.6	22.4	92	94	75	75	88	91	85.8	.....
20..	57.58	58.43	59.55	57.39	58.45	59.87	58.54	22.8	22.9	29.5	27.6	26.5	24.3	25.6	29.9	21.6	93	94	70	73	79	91	83.3	.....
21..	59.37	59.66	60.02	58.32	59.25	60.86	59.58	24.3	23.4	30	24.5	25.1	23.8	25.2	31.4	22.5	91	94	71	89	83	91	86.5	11.7
22..	59.77	60.08	60.40	58.33	58.87	60.69	59.69	22.9	22.4	27	26.9	25.3	24.3	24.8	29.6	21.5	94	96	81	77	86	91	87.5	16.8
23..	59.20	59.60	60.05	57.85	58.70	59.70	59.18	23.3	23.4	29	24.6	24.4	24	24.8	29.6	21.7	92	95	73	90	94	90	89	9.9
24..	58.40	59.10	60	57.40	57.60	59.30	58.63	23.1	23	27.9	28.8	25.9	22.8	25.2	30	22.2	95	97	74	76	91	91	87.3	.....
25..	58.70	59.30	60	56.90	57.30	58.70	58.48	22	20.9	29.3	29.1	26.2	24.2	25.3	31.2	20.4	92	94	63	66	84	90	81.5	.....
26..	57.52	57.56	57.94	55.66	56.14	57.42	57.04	21.8	22.4	29.3	30.5	25.8	23.5	25.6	31.5	20.7	94	96	68	67	86	90	83.5	.....
27..	56.27	57.11	57.81	55.64	56.24	56.67	56.62	23.1	22.4	28.9	29	25	22.7	25.2	30.2	21.6	92	95	66	72	79	90	82.3	.....
28..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.14	59.57	60.17	57.86	58.79	60.01	59.26	22.8	22.5	28.3	28.1	25.2	23.5	25.1	30.2	21.5	93.6	95.1	72.9	74.9	86.7	91.5	85.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]91.7

Day.	Wind.												Clouds.						
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Mean force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	Calm	....	N	1	NNW	1	NNE	1	Calm	....	Calm	....	0.5	3	Ci.	Cu.	9	A.-S.	Cu. E
2..	Calm	....	Calm	....	S	1	S	1	Calm	....	Calm	....	.3	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
3..	Calm	....	Calm	....	S	1	NNW	1	Calm	....	Calm	....	.3	10	A.-S.	Fr.-N. E	9	Ci.-S.	Cu. E
4..	Calm	....	Calm	....	S	1	Calm	....	Calm	....	Calm	....	.2	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
5..	Calm	....	Calm	....	S	2	S	4	Calm	....	Calm	....	1	7	Ci.-S.	Cu.	6	Ci.-S.	Cu. E
6..	Calm	....	Calm	....	S	1	ESE	2	N	1	Calm	....	.7	5	Ci.-S.	Cu. ENE	8	Ci.-S.	Cu. NE
7..	Calm	....	Calm	....	S	3	S	4	Calm	....	Calm	....	1.2	9	Ci.-S.	Cu. ENE	8	Ci.-S.	Cu. ENE
8..	Calm	....	Calm	....	S	1	SSW	1	Calm	....	Calm	....	.3	2	Ci.	Cu.	7	Ci.-S.	Cu. SE
9..	Calm	....	Calm	....	S	2	S	1	S	3	Calm	....	1	2	Ci.	Cu.	10	Ci.-S.	Cu. E
10..	Calm	....	Calm	....	N	2	S	4	Calm	....	Calm	....	1	10	Ci.-S.	Cu. E	10	Ci.-S.	Fr.-N. SE
11..	Calm	....	Calm	....	S	3	S	1	Calm	....	Calm	....	.7	2	Ci. NNE	Cu.	5	Ci.	Cu. E
12..	Calm	....	Calm	....	NW	1	W	2	Calm	....	Calm	....	.5	5	Ci.-S.	Cu.	6	Ci.-S.	Cu. NNE
13..	Calm	....	Calm	....	S	1	S	3	S	2	Calm	....	1	7	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E
14..	Calm	....	Calm	....	NNW	1	NE	4	S	1	Calm	....	1	7	Ci.-S.	Cu. ESE	10	Ci.-S.	Fr.-N. ESE
15..	Calm	....	Calm	....	S	1	NNE	2	Calm	....	Calm	....	.5	10	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E
16..	Calm	....	Calm	....	NE	2	S	3	Calm	....	Calm	....	.8	3	Ci.	Cu.	10	Ci.-S.	Cu. E
17..	Calm	....	Calm	....	NNW	1	W	2	Calm	....	Calm	....	.5	2	Ci.	Cu.	8	Ci.-S.	Cu. SSE
18..	Calm	....	Calm	....	S	4	N	3	Calm	....	Calm	....	1.2	6	Ci.-S.	Cu. ESE	8	Ci.-S.	Cu. E
19..	Calm	....	Calm	....	S	3	S	4	Calm	....	Calm	....	1.2	4	Ci.	Cu. SE	5	Ci.	Cu. E
20..	Calm	....	Calm	....	S	4	S	1	Calm	....	Calm	....	.8	2	Ci.	Cu.	7	Ci.-S.	Cu. E
21..	Calm	....	NNE	1	SSE	4	S	1	Calm	....	Calm	....	1	8	Ci.-S.	Cu. E	10	A.-S.	Cu. E
22..	Calm	....	Calm	....	N	4	NNW	1	N	2	Calm	....	1.2	4	Ci.	Cu. ENE	10	Ci.-S.	Fr.-N. NE
23..	Calm	....	Calm	....	S	3	SE	1	N	1	Calm	....	.8	10	A.-S.	Fr.-N. ENE	9	A.-S.	Cu. NE
24..	Calm	....	Calm	....	S	3	N	2	Calm	....	Calm	....	.8	1	Ci.	Cu.	5	Ci.	Cu. E
25..	Calm	....	Calm	....	S	3	N	1	Calm	....	Calm	....	.7	1	Ci.	Cu.	4	Ci.	Cu. E
26..	Calm	....	Calm	....	N	2	S	2	Calm	....	Calm	....	.7	1	Ci.	Cu.	2	Ci.	Cu. E
27..	Calm	....	Calm	....	N	1	NW	1	Calm	....	Calm	....	.3	1	Ci.	Cu.	7	Ci.-S.	Cu. NE
28..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	.....	0	.....	0.1	.....	2.1	.....	2	.....	0.4	.....	0	0.7	5.3	.....	.....	7.7	.....	.....

NOTE: Beginning with February 26 the height of the barometer above sea level was 21.3 meters. This station was temporarily closed from February 28 to March 7.

[a] 27 days of observation.

TAGBILARAN.

[$\phi = 9°\ 38'$ N; $\lambda = 123°\ 51'$ E; barometer above sea, 21.3 meters; gravity correction not applied, —1.86 mm.]

MARCH, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	57.15	57.51	57.43	55.15	55.73	57.23	56.70	23.3	22.3	30.3	31.3	26.8	24.9	26.5	32.4	21.6	90	94	63	62	70	92	78.5	.....
9	56.27	56.97	57.90	55.71	56.56	57.94	56.89	23.2	23	30.3	30.4	26.6	24.1	26.3	32.1	22.4	92	94	63	64	82	89	80.7	.....
10	57.66	58.24	58.53	56.28	56.54	58.11	57.56	23.2	23	30.6	30.6	26	23.7	26.2	31.4	22.4	92	94	63	61	80	91	80.2	.....
11	57.14	57.69	58.15	55.66	56.75	57.82	57.20	24	23.4	31.2	32	25.9	24.4	26.8	32.8	22.6	90	93	56	61	75	86	76.8	.....
12	56.81	57.45	58.24	55.49	56.73	57.80	57.09	23.5	23.6	30.1	30.7	26.3	24.7	26.5	31.4	22.7	93	94	64	61	75	89	79.3	2
13	57.15	57.96	58.50	56.79	57.57	59.13	57.85	23.6	23.1	28.4	29	25.9	24.5	25.8	30.6	22.4	93	96	73	71	88	84	84.2	.....
14	57.99	58.17	58.87	57.76	58.73	59.55	58.51	23.3	23	29.4	29.1	24.7	23.5	25.5	30.7	22.4	92	94	64	63	89	89	81.8	.....
15	59.21	59.82	60.45	58.82	59.54	60.10	59.66	24	23.5	29.4	27.5	25.5	23.5	25.6	30	22.7	94	96	70	75	82	89	84.3	.....
16	59.01	59.49	59.55	57.08	58.36	59.44	58.82	23.2	23	30.9	29.7	26.6	24	26.2	31.7	22.2	94	95	67	70	83	90	83.2	.....
17	58.92	59.56	60.05	57.26	58.19	59.77	58.96	22.7	22.4	29.9	29.7	26.9	24	25.9	31.4	21.8	93	95	71	68	76	83	81	.....
18	58.81	59.40	59.95	57.68	58.34	59.58	58.96	23.7	22	28.9	30	27	24	25.9	31.3	21.2	94	95	73	77	78	86	83.8	.....
19	58.27	59.09	59.43	57.23	57.83	59.39	58.54	23.1	22.9	30.3	30.1	27.4	24.8	26.4	31.4	22.3	92	93	75	71	79	86	82.7	.....
20	58.85	59.12	59.83	57.63	58.13	59.94	58.92	23.8	22.6	30.5	28.9	26.3	24	26	31.2	21.6	93	95	68	74	82	94	84.3	.....
21	58.75	59.62	60.58	58.26	58.97	60.71	59.48	23.9	23.5	28.5	30.6	25.4	23.5	25.9	31.9	22.6	93	95	66	71	88	90	83.8	.....
22	60.13	60.64	60.99	58.67	59.17	60.45	60.01	24.1	23.9	30.7	29.7	26.6	24	26.5	31.9	23	91	93	69	68	87	91	83.2	.....
23	59.21	59.70	60.03	58.32	58.60	59.45	59.22	23.7	22.3	29.6	27.6	26	23.8	25.5	30.9	21.6	93	95	68	78	87	90	85.2	3
24	58.97	59.26	59.85	57.57	58.47	60.02	59.02	23.6	22.1	29.4	29	26	24.2	25.7	30.7	21.3	92	94	68	74	89	91	84.7	.....
25	59.05	59.67	60.35	58.02	58.59	59.78	59.24	22.6	21.7	30	30.8	26.6	24.7	26.1	32.1	21	93	95	71	67	80	89	82.5	.....
26	59.04	59.30	59.85	57.16	57.88	59.81	58.84	23.6	22.4	29.4	29.9	27	24.4	26.1	31	21.7	93	95	68	72	83	91	83.7	.....
27	59.10	59.86	60.38	58.99	59.24	60.61	59.70	24	23.5	30.7	31.4	27.3	23.8	26.8	32.7	22.8	93	94	70	65	78	90	81.7	.....
28	59.54	60.30	60.93	58.86	60.03	61.63	60.22	22.9	21.7	30.2	32	27.9	26	26.8	33.4	21.1	93	95	66	65	77	84	80	.....
29	60.53	60.69	61.23	59.09	59.65	61.45	60.44	23.6	23.4	27.2	28.4	27	23.8	25.6	30.8	22.6	94	95	82	75	78	91	85.8	4.1
30	60.32	60.47	60.61	57.71	58.21	59.91	59.54	22.9	23.1	29.5	30.4	26.9	23.1	26	32.2	21.6	93	94	69	70	83	90	83.2	.....
31	59.30	59.94	60.45	57.86	57.98	59.86	59.23	23.7	22.3	29.5	30.1	26	24.4	26	31.5	21.5	92	94	70	68	87	90	83.5	.....
Mean	58.63	59.16	59.67	57.46	58.16	59.56	58.78	23.5	22.8	29.8	30	26.4	24.2	26.1	31.6	22	92.6	94.5	68.2	68.8	81.5	89	82.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]9.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Mean force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	Calm	....	Calm	....	SSE	2	S	2	N	2	N	1	1.2	1	Ci.	Cu.	3	Ci.	Cu. E
9	Calm	....	Calm	....	SE	2	S	2	Calm	....	Calm	....	.7	1	Ci.	Cu.	5	Ci.	Cu. E
10	Calm	....	Calm	....	S	2	N	1	Calm	....	Calm	....	.5	4	Ci.	Cu. E	7	Ci.-S.	Cu. E
11	Calm	....	Calm	....	S	4	SE	3	Calm	....	SE	4	1.8	4	Ci.	Cu. NE	2	Ci.	Cu. NE
12	Calm	....	N	2	S	1	S	2	Calm	....	Calm	....	.8	10	Ci.-S.	Cu. E	4	Ci.	Cu. E
13	Calm	....	Calm	....	W	1	NW	1	Calm	....	Calm	....	.3	10	Ci.-S.	Cu. E	6	Ci.-S.	Cu. NE
14	Calm	....	NNE	1	SE	2	S	3	Calm	....	N	2	1.3	10	Ci.-S.	Cu. E	7	Ci.-S.	Cu. NE
15	Calm	....	N	1	N	2	NNE	4	Calm	....	Calm	....	1.2	5	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. E
16	Calm	....	Calm	....	NE	3	S	4	Calm	....	Calm	....	1.2	7	Ci.-S.	Fr.-Cu. NE	6	Ci.	Fr.-Cu. E
17	Calm	....	Calm	....	S	2	S	2	Calm	....	Calm	....	.7	3	Ci.	Cu.	5	Ci.	Cu. NE
18	Calm	....	Calm	....	S	3	S	1	Calm	....	Calm	....	.7	1	Ci.	Cu.	4	Ci.	Cu. E
19	Calm	....	Calm	....	SSE	4	NW	3	Calm	....	Calm	....	1.2	1.	Ci.	Cu.	2	Ci.	Cu. NE
20	Calm	....	Calm	....	NNW	2	S	1	Calm	....	Calm	....	.5	1	Ci.	Cu.	6	Ci.-S.	Cu.-N. NE
21	Calm	....	Calm	....	N	1	W	2	N	2	Calm	....	.8	5	Ci.	Cu. ENE	4	Ci.	Cu. NE
22	Calm	....	Calm	....	NNW	1	S	3	Calm	....	Calm	....	.7	5	Ci.-Cu.	Cu. NE	2	Ci.	Cu. E
23	Calm	....	Calm	....	S	2	NNE	2	Calm	....	Calm	....	.7	1	Ci.	Cu.	7	Ci.-S.	Cu. E
24	Calm	....	Calm	....	S	2	S	1	Calm	....	Calm	....	.5	1	Ci.	Cu.	6	Ci.-S.	Cu. E
25	Calm	....	Calm	....	S	2	S	2	Calm	....	Calm	....	.7	2	Ci. NNE	Cu.	2	Ci.	Cu. E
26	Calm	....	Calm	....	S	2	S	3	Calm	....	Calm	....	.8	1	Ci.	Cu.	2	Ci.	Cu. E
27	Calm	....	N	1	S	1	S	2	Calm	....	Calm	....	.7	6	A.-Cu.	Cu. E	5	Ci.-S.	Cu. SE
28	Calm	....	Calm	....	S	2	S	2	Calm	....	Calm	....	.7	1	Ci. NE	Cu.	2	Ci.	Cu. E
29	Calm	....	Calm	....	S	2	S	1	Calm	....	Calm	....	.5	1	Ci.	Cu.	7	Ci.-S.	Cu. E
30	Calm	....	Calm	....	SE	3	S	2	Calm	....	Calm	....	.8	2	Ci.	Cu.	1	Ci.	Cu. E
31	Calm	....	Calm	....	S	3	S	4	Calm	....	Calm	....	1.2	1	Ci.	Cu.	1	Ci.	Cu. E
Mean	.....	0	.....	0.2	.....	2.1	.....	2.2	.....	0.2	.....	0.3	0.8	3.5	.....	.....	4.4	.....	.....

[a] 24 days of observation.

TAGBILARAN.

[$\phi = 9°\ 38'$ N; $\lambda = 123°\ 51'$ E; barometer above sea, 21.3 meters; gravity correction not applied, —1.86 mm.]

APRIL, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	59.18	59.89	60.02	57.62	58.28	59.86	59.14	24.1	23.9	29.6	28.8	26.1	23.8	26	31.3	21.6	91	93	67	71	83	88	82.2	.....
2	58.42	58.79	59.14	56.87	57.64	59.03	58.32	23.5	23.2	30	30	25.2	24.5	26.1	32.3	22.4	92	94	66	67	90	90	83.2	.....
3	57.88	58.85	59.09	56.98	57.55	58.76	58.18	24.2	24	30.4	29.5	25.5	23.4	26.2	31.6	22.8	93	94	66	68	87	90	83	.....
4	58.42	59.05	59.32	56.94	57.73	59.32	58.46	22	21.7	30.2	30.9	27.3	25.7	26.3	33	21	93	95	69	71	76	86	81.7	.....
5	58.50	58.98	59.42	57.32	58.15	59.06	58.57	24.2	24	30.4	24.6	25.4	24.4	25.5	31	23.1	91	92	68	87	80	85	83.8	16.8
6	58.05	58.21	59.05	57.40	58.21	59.03	58.32	24.4	24.2	29.4	25.4	24.9	24.3	25.4	30.8	23.5	91	93	67	82	84	91	84.7	1.5
7	58.09	58.10	58.77	56.28	57.25	58.83	57.89	23.9	23.3	29.5	28.3	26.6	25.8	26.2	31.5	22.4	92	93	66	71	80	85	81.2	.....
8	57.14	57.71	58.24	55.89	56.79	58.53	57.38	24.2	24	30.1	29.4	27.2	24.8	26.6	31.3	22.8	94	95	65	68	81	92	82.5	.....
9	57.53	57.47	58.98	56.09	57.58	59.11	57.79	24.8	23.5	29.5	30.7	28	24.5	26.8	32.4	22.7	92	93	68	68	77	89	81.2	.....
10	57.71	58.39	59.44	56.75	57.69	58.25	58.04	24.4	24.3	30.7	27.7	27.2	25	26.6	31.6	22.8	91	93	67	73	78	91	82.2	.....
11	56.95	57.33	57.86	55.57	56.46	57.99	57.03	24.5	24.4	30.6	29.6	26.7	24.5	26.7	32	22.9	94	94	70	70	86	90	84	.....
12	56.98	57.29	58.18	55.94	56.45	58.16	57.17	24	23.8	30.5	31.1	26.3	25.6	26.9	32.4	22.8	92	94	64	66	88	88	82	.....
13	57.51	57.91	58.64	56.89	56.97	58.91	57.80	23	22.4	31	30.6	27.3	24.9	26.5	32.3	21	91	95	65	66	79	90	81	.....
14	58.58	58.97	59.47	57.41	58.19	60	58.77	24.2	23.5	30.3	29.5	27	24.5	26.5	31.6	22.4	92	94	70	68	80	89	82.2	.....
15	58.86	58.99	59.07	56.56	57.06	58.64	58.20	24.2	24	30.3	29.8	26.8	24.7	26.6	32	22.8	93	95	69	72	84	91	84	.....
16	57.80	58.10	58.06	56.04	57.14	58.27	57.57	23	22.7	29.7	30.2	27	25.1	26.3	32.5	22	92	94	71	73	80	91	83.5	.....
17	57.66	58.51	58.58	56.59	57.03	58.52	57.82	23.7	23.1	31.1	29.6	27	25.4	26.6	32.4	22.3	91	94	64	70	81	90	81.7	.....
18	57.95	58.25	58.98	56.37	56.98	58.52	57.84	23.4	23.2	30.6	30.4	27.4	24.5	26.6	31.5	22.5	91	93	65	64	74	91	79.7	.....
19	58.04	58.54	58.74	56.21	56.76	58.45	57.79	24	23.9	31.3	31	27.8	25.2	27.2	32.8	22.5	93	94	63	67	78	90	80.8	.....
20	57.89	58.11	58.22	55.60	56.63	58.38	57.47	24.5	24.4	30.9	31.5	28.1	25.2	27.4	32.8	23.4	92	93	67	64	70	90	79.3	.....
21	56.83	57.25	58.11	55.44	56.48	58.20	57.05	25	24.8	31.4	28	27	24.8	26.8	32	23.5	90	91	66	82	87	91	84.5	.....
22	57.23	58.09	58.19	56.19	57.20	57.37	57.38	24.4	24	29.5	28.4	25.9	24	26	31.5	23	91	94	75	77	89	95	86.8	.....
23	56.93	56.90	57.73	55.97	56.51	58.04	57.01	23.5	23.3	30.3	30.9	28.4	25.4	27	32.2	21.6	94	95	64	66	75	88	80.3	.....
24	57.47	57.93	58.48	56.17	57.21	58.54	57.63	24	24	31	31.3	28.2	25.7	27.4	33.1	22.7	91	92	64	66	79	88	80	.....
25	57.41	58.06	58.86	56.71	57.54	58.55	57.86	24.5	24.5	30.3	29.6	26.7	25.3	26.8	31.6	23.4	92	92	72	74	89	89	84.7	19.8
26	57.20	57.99	58.05	56.33	56.99	58.33	57.48	24	24	31	29.8	27.6	25.2	26.9	32	22.8	93	95	61	68	79	88	80.7	.....
27	57.30	57.53	58.39	56.39	56.88	58.12	57.44	23.9	25	29.7	28	26.4	25.1	26.4	31.6	23.4	91	89	72	67	85	91	82.5	.....
28	56.84	57.60	57.83	55.51	56.72	57.89	57.06	23.5	23.6	30.4	31.1	28.1	25.7	27.1	32.4	22.5	92	93	68	66	82	93	82.3	.....
29	56.86	57.31	57.52	55.23	56.02	57.28	56.70	24.9	24.7	31.6	30.9	28	25.8	27.6	32.8	24	93	94	66	66	75	88	80.3	.....
30	56.43	56.86	57.82	55.36	56.26	57.74	56.74	24.3	24	31	31	28	26.2	27.4	32	23.5	91	93	63	64	74	89	79	.....
Mean	57.65	58.10	58.61	56.35	57.14	58.52	57.73	24	23.8	30.4	29.6	27	25	26.6	32	22.7	92	93.4	66.9	70.1	81	89.6	82.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	38.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Mean force.	Amount.	Form and direction.		Amount.	Form and direction.	
															Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	Calm	....	Calm	....	S	2	SSE	1	Calm	....	Calm	....	0.5	3	Ci.	Cu.	7	Ci.-S.	Cu. E
2	Calm	....	Calm	....	S	1	N	2	Calm	....	Calm	....	.5	1	Ci.	Cu.	1	Ci.	Cu. E
3	Calm	....	Calm	....	S	2	S	1	Calm	....	Calm	....	.5	4	Ci.	SE Cu.	5	Ci.-S.	Cu. E
4	Calm	....	Calm	....	WNW	3	N	2	Calm	....	Calm	....	.8	3	Ci.	Cu. ENE	1	Ci.	Cu.
5	Calm	....	Calm	....	S	3	S	1	Calm	....	Calm	....	.7	7	Ci.-S.	Cu. E	10	A.-S.	Cu. E
6	Calm	....	Calm	....	S	2	Calm	....	Calm	....	Calm	....	.3	6	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
7	Calm	....	Calm	....	S	2	NNE	1	Calm	....	Calm	....	.5	5	Ci.	Cu. ENE	7	Ci.-S.	Cu.-N. E
8	Calm	....	Calm	....	S	4	NW	1	Calm	....	Calm	....	.8	5	Ci.	Cu. E	7	Ci.-S.	Cu. E
9	Calm	....	Calm	....	NNW	1	S	4	Calm	....	Calm	....	.8	3	Ci.-Cu.	Cu.	2	Ci.	Cu. E
10	Calm	....	Calm	....	S	1	S	1	Calm	....	Calm	....	.8	2	Ci.-Cu.	Cu. E	8	Ci.-S.	Cu. NE
11	Calm	....	Calm	....	S	3	W	2	Calm	....	Calm	....	.8	5	Ci.	Fr.-Cu. NE	6	Ci.-S.	Cu. NE
12	Calm	....	Calm	....	NW	2	S	2	Calm	....	Calm	....	.7	4	Ci.	Cu. E	2	Ci.	Cu. E
13	Calm	....	Calm	....	S	3	N	2	Calm	....	Calm	....	.8	7	Ci.-S.	Cu.	2	Ci.	Cu.
14	Calm	....	Calm	....	S	2	S	2	Calm	....	Calm	....	.7	4	Ci.	Cu.	6	Ci.-S.	Cu. E
15	Calm	....	Calm	....	S	2	S	4	Calm	....	Calm	....	1	9	Ci.-S.	Cu.	6	Ci.-S.	Cu. E
16	Calm	....	Calm	....	S	4	S	3	Calm	....	Calm	....	1.2	2	Ci.	NE Cu.	2	Ci.	Cu. E
17	Calm	....	Calm	....	S	2	S	3	Calm	....	Calm	....	.8	4	Ci.	Fr.-Cu. SE	6	Ci.-S.	Cu. E
18	Calm	....	NNE	1	S	4	S	2	Calm	....	Calm	....	1.2	3	Ci.	N Cu.	2	Ci.	Fr.-Cu. E
19	Calm	....	Calm	....	S	2	N	3	Calm	....	Calm	....	.8	3	Ci.	Cu. NE	2	Ci.	Cu. E
20	Calm	....	Calm	....	S	3	NNW	2	Calm	....	Calm	....	.8	6	Ci.	Fr.-Cu. SE	2	Ci.	Cu. NE
21	Calm	....	Calm	....	WNW	3	NW	1	Calm	....	Calm	....	.7	7	Ci.	Cu. NNE	9	A.-S.	Cu. NE
22	Calm	....	Calm	....	S	5	W	2	Calm	....	Calm	....	1.2	7	Ci.-S.	Fr.-Cu. NE	9	Ci.-S.	Cu. NE
23	Calm	....	Calm	....	S	4	N	2	Calm	....	Calm	....	1	8	Ci.-S.	Cu. NE	3	Ci.	Cu. E
24	Calm	....	Calm	....	S	2	S	3	Calm	....	Calm	....	.8	5	Ci.	Cu. E	2	Ci.	Cu. E
25	Calm	....	Calm	....	SSE	2	S	2	Calm	....	Calm	....	.7	4	Ci.-S.	Cu. E	6	Ci.-S.	Cu. E
26	Calm	....	Calm	....	NNW	1	S	4	Calm	....	Calm	....	.8	10	A.-S.	Cu.	7	Ci.-S.	Cu. E
27	Calm	....	Calm	....	S	2	S	2	Calm	....	Calm	....	.7	9	Ci.-S.	Cu. E	9	A.-S.	Cu. E
28	Calm	....	Calm	....	NW	1	S	4	Calm	....	Calm	....	.8	6	A.-S.	Fr.-Cu. E	7	A.-S.	Cu. E
29	Calm	....	Calm	....	S	3	S	4	Calm	....	Calm	....	1.2	8	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E
30	Calm	....	Calm	....	S	3	S	4	Calm	....	Calm	....	1.2	8	Ci.-S.	Cu.	5	Ci.-S.	Cu. E
Mean	.....	0	.....	0	.....	2.6	.....	2.2	.....	0	.....	0	0.8	5.3	.....	.....	5.3	.....	.....

TAGBILARAN.

[$\phi = 9°$ 38′ N; $\lambda = 123°$ 51′ E; barometer above sea, 21.3 meters; gravity correction not applied, —1.86 mm.]

MAY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.10	57.90	58.28	55.95	57.88	58.89	57.67	24.9	24.8	30.9	31	27.8	25.2	27.4	32.3	23.9	91	92	66	68	77	93	81.2	.....
2..	57.09	57.60	58.71	56.09	57.46	58.62	57.60	24.5	25	31.4	28.8	26.3	25	26.8	32.7	23.8	92	93	69	76	88	92	85	3.8
3..	56.91	57.14	57.94	55.28	57.41	58.64	57.22	24.4	24.8	31.1	30	28.5	26	27.5	32.1	24	92	94	66	67	74	91	80.7	.....
4..	57.39	58.06	58.84	56.16	57.28	58.84	57.76	23.9	24.4	30	31.9	28.2	26.1	27.4	33	23.4	92	95	67	61	76	89	80	.....
5..	57.74	58.19	59.04	56.52	57.92	58.93	58.06	24.5	24.6	31.4	31.2	29.2	26.9	28	33.3	23.7	89	90	62	65	72	86	77.3	2
6..	58.44	58.38	58.97	56.53	58.09	59	58.24	24	24	29.3	29	27	25.7	26.5	30.9	23.4	94	95	70	75	82	90	84.3	.....
7..	58.24	57.93	59.03	56.57	57.83	58.79	58.06	25	24.1	30.9	29.1	27.9	26.3	27.2	32.4	23.6	92	94	65	73	81	88	82.2	.....
8..	57.59	58.17	58.84	56.43	57.88	59.47	58.06	24.9	25.3	30.4	29	28.7	25.7	27.3	32.9	24.4	92	94	69	72	78	88	82.2	.....
9..	59	59.09	59.11	56.82	57.83	60.05	58.65	25.3	24.9	31	30.4	28.6	26.9	27.8	34.5	24.2	91	92	67	65	76	87	79.7	1.5
10..	59.23	59.12	59.35	56.31	57.18	59.01	58.37	24.8	24.8	30.5	30.6	27.9	25.2	27.3	33	24.1	93	94	68	67	79	90	81.8	.....
11..	57.92	57.93	58.31	56.32	57.01	58.91	57.73	23.9	24.9	31.9	30	28.6	27.4	27.8	33.3	23.5	91	91	63	70	71	78	77.3	.....
12..	58.41	58.77	59.53	57.03	58.88	59.91	58.76	25.3	24.8	30.9	29.7	28	25.4	27.4	32.7	24.4	92	94	67	69	75	88	80.8	.....
13..	58.91	59.24	60.17	58.13	58.73	59.88	59.18	24.3	24.2	30.5	29.6	27.7	25.6	27	31.5	23.5	91	93	67	70	78	87	81	.....
14..	59.33	59.88	60.50	57.94	59.26	61.36	59.71	24.7	24.2	31.2	29.7	26.7	22.7	26.5	32.2	22	90	93	67	72	80	94	82.7	4.6
15..	59.44	60.70	60.56	58.33	58.98	60.32	59.72	22.9	23.2	29.7	30.4	28	25	26.5	31.1	22	93	95	68	69	78	88	81.8	.....
16..	58.89	59.70	60.15	57.86	58.37	60.09	59.18	23.4	24.3	29.5	30.3	28.3	25.3	26.8	32.7	22.6	91	92	73	70	79	89	82.3	.....
17..	58.86	59.46	59.93	57.50	58.83	60.09	59.11	23.6	25	30.3	31.9	28	26.2	27.5	33.3	23.2	90	92	70	61	77	88	79.7	7.4
18..	59.66	59.66	59.82	57.82	58.49	59.86	59.22	24.7	24.5	30	27.2	27.2	24.7	26.4	31.8	23.6	93	94	69	81	81	92	85	24.4
19..	58.69	58.95	59.07	56.98	57.69	58.54	58.32	24.2	24.4	31.2	25	27.6	25.9	26.4	32.7	23.5	93	94	66	85	79	88	84.2	1.5
20..	57.31	57.53	58.69	56.12	58.10	58.96	57.78	24.8	24.4	30.2	29.7	25	24.2	26.4	31.7	23.5	92	93	69	71	91	92	84.7	.....
21..	57.30	57.56	58.20	56.19	57.24	58.55	57.51	24	24	30	30.9	27.4	26.1	27.1	32.1	23.3	93	94	73	65	81	89	82.5	.....
22..	57.63	57.93	58.59	57.20	58.44	60.39	58.36	25.1	25	30.5	27.8	24.7	23.2	26	31.9	22.5	93	94	70	79	91	91	86.3	32.5
23..	58.75	58.79	59.54	57.98	58.83	59.98	58.98	24	24.4	29.7	28.1	27.1	24.4	26.3	31.3	23.2	92	93	72	76	79	90	83.7	.....
24..	58.54	58.74	59.48	57.41	58.22	59.48	58.64	23.3	24.7	29.6	29.6	27.1	24.9	26.5	30.5	23	92	93	69	68	83	90	82.5	.....
25..	58.13	58.35	58.54	56.87	57.75	59.29	58.16	24.4	24	30.8	28.9	26.1	25.2	26.6	31.8	23.3	92	95	67	74	90	92	85	.....
26..	58.35	58.38	58.75	57.13	57.51	59.07	58.20	24.1	24	29.8	27.8	27.8	25.4	26.5	31.9	22.7	93	94	72	77	78	90	84	.....
27..	58.35	59.09	59.21	57.59	58.50	58.90	58.61	24.8	23.4	30	30.4	27	24.8	26.7	32.3	22.7	91	94	71	70	83	90	83.2	.....
28..	58.08	58.39	59.29	56.52	58.81	58.88	58.33	24.6	24.6	29	30.9	24.1	23.6	26.1	32.2	22.7	92	93	72	68	91	91	84.5	16.3
29..	58.37	58.22	58.39	55.57	56.77	57.89	57.54	23.2	24.1	29.6	28.7	25.8	25.1	26.1	31.7	22.6	93	94	69	73	87	91	84.5	48.3
30..	58.29	58.67	59.36	57.14	58.48	59.24	58.53	23.8	23.7	25.3	29.2	26	25.8	25.6	30.5	22.8	95	96	84	70	87	89	86.8	.....
31..	57.83	58.69	59.30	57.34	58.37	59.52	58.51	24.6	24.8	30.3	30.4	27.8	26.2	27.4	31.5	23.5	95	93	70	68	80	90	82.7	.....
Mean	58.25	58.59	59.14	56.89	58.07	59.33	58.38	24.3	24.4	30.2	29.6	27.3	25.4	26.9	32.2	23.3	92.1	93.5	68.9	70.8	80.7	89.4	82.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	142.3

Day.	Wind.													Clouds.						
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.	
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*			
1..	Calm	....	Calm	....	S	3	S	4	Calm	....	Calm	....	1.2	6	Ci.-S.	Cu. ESE	7	Ci.-S.	Cu.	E
2..	Calm	....	Calm	....	W	2	N	1	Calm	....	Calm	....	.5	7	Ci.-S.	Cu. E	8	Ci.-S.	Cu.	E
3..	Calm	....	Calm	....	S	3	S	4	Calm	....	Calm	....	1.2	6	Ci.-S.	Cu. E	7	Ci.-S.	Cu.	E
4..	Calm	....	Calm	....	S	2	S	4	Calm	....	Calm	....	1	10	Ci.-S.	Cu. E	5	Ci.-S.	Cu.	E
5..	Calm	....	Calm	....	S	3	NNW	2	Calm	....	Calm	....	.8	4	Ci.	Cu.	2	Ci.	Cu.	E
6..	Calm	....	Calm	....	S	2	S	3	Calm	....	Calm	....	.8	10	A.-S.	Cu. E	10	Ci.-S.	Cu.	E
7..	Calm	....	Calm	....	S	2	S	1	Calm	....	Calm	....	.5	4	Ci. NE	Cu.	8	Ci.-S.	Cu.-N.	E
8..	Calm	....	Calm	....	S	2	S	1	Calm	....	Calm	....	.5	5	Ci.-Cu.	Cu. NE	6	A.-S.	Cu.	E
9..	Calm	....	Calm	....	S	3	S	1	Calm	....	Calm	....	.7	2	Ci.	Cu.	5	Ci.	Cu.	E
10..	Calm	....	Calm	....	S	2	S	2	Calm	....	Calm	....	.7	7	Ci.-S.	Cu. E	3	Ci.	Cu.	SE
11..	Calm	....	Calm	....	S	2	S	1	S	3	S	3	1.5	4	Ci.	Fr.-Cu. ESE	6	Ci.-S.	Cu.	E
12..	Calm	....	Calm	....	S	2	S	2	Calm	....	Calm	....	.7	8	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu.	E
13..	Calm	....	Calm	....	S	3	S	2	Calm	....	Calm	....	.8	7	Ci.-S.	Cu. E	8	Ci.-S.	Cu.	E
14..	Calm	....	Calm	....	S	2	N	1	Calm	....	S	2	.8	1	Ci.	Cu.	6	Ci.-S.	Cu.	E
15..	Calm	....	Calm	....	S	2	S	1	Calm	....	Calm	....	.5	2	Ci.	Cu.	6	Ci.-S.	Cu.	SE
16..	Calm	....	S	1	S	2	S	1	Calm	....	Calm	....	.7	1	Ci.	Cu.	5	Ci.	Cu.	ENE
17..	Calm	....	Calm	....	S	2	N	2	Calm	....	Calm	....	.7	3	Ci.	Fr.-Cu. NE	5	Ci.	Cu.	E
18..	Calm	....	Calm	....	S	4	S	1	Calm	....	Calm	....	.8	5	Ci.-S.	Cu. SE	8	Ci.-S.	Cu.	NE
19..	Calm	....	E	1	S	3	NNE	1	Calm	....	Calm	....	.8	3	Ci.	Cu.	10	A.-S.	Cu.	E
20..	Calm	....	Calm	....	S	2	N	2	Calm	....	Calm	....	.7	9	Ci.-S.	Cu. NE	10	A.-S.	Cu.	E
21..	Calm	....	Calm	....	NW	1	N	1	Calm	....	Calm	....	.3	9	Ci.-S.	Cu. SE	5	A.-S.	Cu.	E
22..	Calm	....	Calm	....	S	1	N	1	S	1	Calm	....	.5	8	A.-S.	Cu. SE	10	Ci.-S.	Cu.	NE
23..	Calm	....	S	1	S	3	N	1	Calm	....	Calm	....	.8	2	Ci.	Fr.-Cu. SE	7	Ci.-S.	Cu.	E
24..	Calm	....	Calm	....	SSE	2	S	2	Calm	....	Calm	....	.7	6	Ci.-S.	Cu. E	6	Ci.-S.	Cu.	E
25..	Calm	....	Calm	....	S	2	S	1	Calm	....	Calm	....	.5	2	Ci.	Cu.	9	A.-S.	Cu.	E
26..	Calm	....	Calm	....	NW	2	N	1	Calm	....	Calm	....	.5	3	Ci.	Cu.	8	Ci.-S.	Cu.	E
27..	Calm	....	Calm	....	S	2	S	1	S	1	Calm	....	.7	1	Ci.	Cu.	5	Ci.	Cu.	E
28..	Calm	....	Calm	....	N	1	W	1	Calm	....	Calm	....	.3	7	Ci.	Cu. E	7	Ci.-S.	Cu.	NE
29..	Calm	....	Calm	....	NW	1	S	1	N	2	S	3	1.2	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu.-N.	E
30..	Calm	....	Calm	....	S	2	NNE	1	Calm	....	S	2	.8	10	A.-S.	Cu. E	7	Ci.-S.	Cu.	E
31..	Calm	....	Calm	....	S	2	S	3	Calm	....	Calm	....	.8	3	Ci.-Cu.	Cu. E	2	Ci.	Cu.	SE
Mear	.....	0	.....	0.1	.....	2.2	.....	1.6	.....	0.2	.....	0.3	0.7	5.3	.....	.....	6.7	.....	.....	

TAGBILARAN.[a]

[$\phi = 9°\ 38'$ N; $\lambda = 123°\ 51'$ E; barometer above sea, 21.3 meters; gravity correction not applied, —1.86 mm.]

JUNE, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1	58.53	58.85	59.34	57.18	57.24	58.33	58.24	24.8	25.2	30.9	29.9	28.2	25.9	27.5	32.5	24.3	91	92	68	70	75	85	80.2	.....
2	57.40	57.91	58.44	55.83	56.74	57.72	57.34	24.9	25.1	30.7	28.8	27	25.2	27	32.5	24	88	89	69	76	81	90	82.2	2.5
3	56.99	57.18	57.34	55.66	56.59	57.36	56.85	24.9	24.9	31.4	29.9	27.7	23.9	27.1	32	23.6	93	94	66	71	79	90	82.2	.....
4	56.44	57.11	57.69	55.86	56.78	58.02	56.98	23.7	24.1	30.8	30.7	26.6	25	26.8	31.8	23.4	92	94	67	67	81	92	82.2	.....
5	57.14	57.56	58.62	56.99	57.49	59.26	57.84	24	24.8	30.8	28.9	28.4	25.2	27	31.6	23.6	91	93	66	74	75	90	81.5	1.5
6	58.96	58.85	59.02	57.32	57.99	58.99	58.52	23.8	23.9	29.6	30.1	27.1	25.4	26.6	31.7	23.3	95	96	72	73	82	88	84.3	.....
7	58.07	58.34	58.29	57.09	57.59	59.05	58.07	24.2	25	30.8	27.3	26.5	25.8	26.6	32.5	23.4	91	94	67	85	85	89	85.2	.....
8	57.96	58.71	59.28	57.39	58.47	60	58.64	23.1	23.9	30	29.5	25.8	25.4	26.3	30.9	22.6	94	96	71	73	85	88	84.5	.....
9	58.87	59.10	59.60	57.47	58.72	59.63	58.90	23.9	24	29	30.1	26	25	26.3	30.7	23.3	92	93	75	73	84	92	84.8	3.6
10	58.62	59.26	59.09	57.17	58.57	59.60	58.72	23.9	24.5	29.7	28	26.2	24.9	26.2	31.6	23.4	94	96	71	77	84	89	85.2	.....
11	58.49	58.12	58.13	56.24	57.05	57.79	57.64	24.4	23.8	29.6	29	26.8	24.8	26.4	31.6	23.2	91	94	72	72	80	91	83.3	6.9
12	56.86	57.51	57.70	56.19	57.10	58.45	57.30	24	24.2	30.4	29.2	26.2	24.7	26.4	31.2	23.2	93	94	71	75	87	91	85.2	.....
13	57.51	58.35	58.27	55.93	56.80	57.73	57.43	23.9	23.6	29.8	28.5	26.1	24.9	26.1	31.3	23	93	95	72	75	83	92	85	35.4
14	57.84	58.91	58.79	56.31	56.97	58.81	57.94	23	22.1	27	30.2	26	24.9	25.5	31.5	21.5	93	97	75	69	83	87	84	.....
15	58.24	58.77	58.64	57.48	58.29	59.82	58.54	24	23.9	30.2	28.9	27.4	25.8	26.7	31.5	22.6	92	93	72	72	76	87	82	.....
16	58.85	58.19	58.24	56.37	57.12	58.74	57.92	24.8	24.7	30	25.2	25.8	24.8	25.9	31.7	23.5	93	94	73	83	81	91	85.8	5.8
17	57.26	57.76	58.03	55.58	57.03	58.08	57.29	23.9	25.6	30.4	29.7	27	25.3	27	30.9	22.7	92	92	71	71	78	90	82.3	.....
18	57.15	57.94	58.42	57.01	58.61	60.75	58.31	24.5	24	28.2	29.7	25.7	24	26	30.9	22.4	92	95	75	72	84	92	85	22.3
19	58.51	59.70	60.10	58.32	58.85	60.38	59.31	23.3	25	28.5	29.4	26.5	25.2	26.3	30.5	22.8	95	96	74	72	82	88	84.5	.....
20	59.35	59.85	60.02	57.88	59.29	59.80	59.36	24	24.2	29.8	30.2	23.3	23.6	25.8	31.4	22.6	91	92	68	73	87	91	83.7	1.3
21	58.85	58.89	58.75	57.10	58.04	59.02	58.44	23.5	24	29.3	26.3	25.3	24.1	25.4	31.3	22.7	94	95	74	76	88	91	86.3	42.7
22	57.90	58.31	58.35	56.65	57.13	58.37	57.78	23.4	25.3	29.1	27.6	24.4	23.3	25.5	30.5	22.4	91	93	69	72	87	90	83.7	.....
23	57.51	58.14	58.51	55.53	57.09	59.14	57.65	22.3	23.9	28	29.7	27.4	22.1	25.6	31.7	21.4	93	94	74	71	76	90	83	32
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	57.96	58.26	58.55	57.09	58.19	59.50	58.26	25.7	25	29.5	30.3	26.6	24.6	27	31.3	24	88	93	73	70	80	88	82	.....
28	58.96	59.56	59.34	57.66	58.47	59.84	58.97	24	23.9	30.2	30.7	26.9	25	26.8	31.6	23.2	92	94	70	68	83	92	83.2	.....
29	59	59.81	59.36	57.38	57.74	58.89	58.70	24.7	25.6	30.5	28	25.9	24.3	26.5	32.1	23.5	92	93	70	76	85	91	84.5	3.1
30	57.74	58.30	58.04	56.51	57.14	58.84	57.76	23.5	24.3	30	25	25.6	25.1	25.6	31.2	23	92	94	73	85	84	88	86	2.3
Mean	58.04	58.49	58.66	56.78	57.67	58.96	58.10	24	24.4	29.8	28.9	26.4	24.7	26.4	31.5	23.1	92.1	93.9	71	73.7	82	89.7	83.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[b]159.4

Day.	Wind.														Clouds.						
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.				6 a. m.			2 p. m.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Mean force.		Amount.	Form and direction.		Amount.	Form and direction.		
																Upper.	Lower.		Upper.	Lower.	
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–12*	*0–10*			*0–10*			
1	Calm	....	Calm	....	NNW	2	S	1	Calm	....	Calm	....	0.5	3	Ci.	Cu.	ENE	4	Ci.-S.	Cu.	E
2	Calm	....	Calm	....	S	2	S	1	Calm	....	Calm	....	.5	1	Ci.	Cu.		7	A.-S.	Cu.	E
3	Calm	....	Calm	....	S	2	S	2	Calm	....	Calm	....	.7	2	Ci.	Fr.-Cu.	E	4	Ci.	Cu.	E
4	Calm	....	Calm	....	S	3	N	1	Calm	....	Calm	....	.7	6	Ci.-S.	Cu.	E	6	Ci.	Cu.-N.	SE
5	Calm	....	Calm	....	S	2	N	1	Calm	....	S	4	1.2	1	Ci.	Cu.		8	Ci.-S.	Cu.	ENE
6	Calm	....	Calm	....	SSE	2	NW	1	Calm	....	Calm	....	.5	10	Ci.-S.	Cu.	SE	7	Ci.-S.	Cu.-N.	NE
7	Calm	....	Calm	....	S	3	N	1	Calm	....	S	3	1.2	5	Ci.-S.	Cu.	SE	10	Ci.-S.	Cu.	E
8	Calm	....	Calm	....	S	3	NNE	1	SSE	2	S	4	1.7	7	Ci.-S.	Cu.	E	5	Ci.	Cu.	NE
9	Calm	....	Calm	....	S	4	S	3	S	1	Calm	....	1.3	4	Ci.-Cu.	Cu.	SE	4	Ci.	Cu.	WSW
10	Calm	....	Calm	....	S	2	Calm	....	Calm	....	Calm	....	.3	7	Ci.-S.	Cu.	SE	8	Ci.-S.	Cu.	SE
11	Calm	....	Calm	....	S	2	N	1	Calm	....	Calm	....	.5	8	Ci.-S.	Cu.		8	Ci.-S.	Cu.-N.	E
12	Calm	....	SSE	1	S	3	S	1	Calm	....	S	4	1.5	3	Ci.	Cu.		7	Ci.-S.	Cu.	E
13	S	2	Calm	....	S	3	S	1	Calm	....	Calm	....	1	10	Ci.-S.	Cu.	E	10	Ci.-S.	Fr.-N.	E
14	NE	2	Calm	....	S	1	S	2	N	1	Calm	....	1	10	A.-S.	Fr.-N.	E	3	Ci.	Cu.	E
15	Calm	....	NNE	1	SSE	2	S	1	Calm	....	Calm	....	.7	3	Ci.	NE Cu.		9	Ci.-S.	Cu.	E
16	Calm	....	Calm	....	S	2	NNE	1	Calm	....	Calm	....	.5	4	Ci.	Cu.	NE	10	A.-S.	Cu.	NE
17	Calm	....	Calm	....	SSE	4	S	3	Calm	....	Calm	....	1.2	2	Ci.	Cu.		6	Ci.-S.	Cu.	E
18	Calm	....	Calm	....	SE	1	SSE	1	S	3	S	3	1.3	9	Ci.-S.	Fr.-N.	SE	8	Ci.-S.	Cu.	SW
19	S	2	S	3	S	3	S	2	Calm	....	Calm	....	1.7	10	Ci.-S.	Cu.	SSE	9	A.-S.	Cu.	
20	Calm	....	SE	1	SE	2	N	1	Calm	....	Calm	....	.7	3	Ci.	NNE Cu.		4	Ci.	Cu.	E
21	Calm	....	Calm	....	S	2	N	1	Calm	....	Calm	....	.5	6	Ci.-S.	Cu.	ENE	9	A.-S.	Cu.	
22	Calm	....	Calm	....	N	1	N	1	Calm	....	Calm	....	.3	7	Ci.-S.	Cu.	SE	10	Ci.-S.	N.	E
23	Calm	....	Calm	....	S	1	SE	1	S	1	S	3	1	2	Ci.	Cu.		4	Ci.	Cu.	NE
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	Calm	....	Calm	....	S	2	S	1	Calm	....	Calm	....	.5	4	Ci.	Cu.		2	Ci.	Cu.	W
28	Calm	....	Calm	....	SW	1	S	2	NNE	1	Calm	....	.7	5	Ci.	Cu.	NE	2	Ci.	Cu.	SE
29	Calm	....	Calm	....	SE	1	NE	1	Calm	....	Calm	....	.3	4	Ci.	Fr.-Cu.	E	10	Ci.-S.	Cu.-N.	E
30	Calm	....	Calm	....	SE	1	NNE	1	Calm	....	S	4	1	7	Ci.-S.	Cu.	E	10	A.-S.	Fr.-Cu.	E
Mean	.....	0.2	.....	0.2	.....	2.1	.....	1.3	.....	0.3	.....	0.9	0.9	5.3	.....	.....		6.8	.....	.....	

[a] This station was temporarily closed from June 24 to 26.

[b] 27 days of observation.

TAGBILARAN.[a]

[$\phi = 9° 38'$ N; $\lambda = 123° 51'$ E; barometer above sea, 21.3 meters; gravity correction not applied, —1.86 mm.]

JULY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.77	57.65	58.45	56.71	57.74	58.86	57.86	23.9	23.9	29.7	30	27	25.3	26.6	30.8	22.5	94	96	71	73	78	89	83.5	.....
2..	57.81	58.13	58.52	56.51	57.86	58.89	57.95	25.3	24.9	30.5	30.9	27	24.8	27.2	31.4	23.6	90	92	68	69	78	88	80.8	.....
3..	57.85	57.69	57.96	56.31	57.44	58.52	57.63	23.6	24.2	30.2	29.9	27.1	27	27	31.4	22.6	92	94	73	73	82	83	82.8	.....
4..	57.48	57.17	57.62	55.96	56.46	57.52	57.04	26.2	26.5	30.9	31.1	27.7	26.8	28.2	32.5	25.4	83	85	69	69	82	84	78.7	.....
5..	56.30	56.75	57.39	55.33	55.54	57.32	56.44	26.1	26.7	29.7	32	28	26.2	28.1	32.7	25.5	87	91	72	64	78	87	79.8	.....
6..	56.38	56.80	57.23	55.30	56.52	57.32	56.59	24.9	25.5	30	29.3	27.5	26.7	27.3	31.3	23.5	91	92	73	74	76	84	81.7	.....
7..	56.52	57.15	57.62	55.47	56.51	57.57	56.81	25.9	25	29.8	30	27	25	27.1	31.4	23.6	89	93	72	74	77	89	82.3	.....
8..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17..	56.41	57.14	58.09	56.45	56.60	57.85	57.09	23.7	24.7	28.4	29.7	26.5	25	26.3	30.2	23	93	94	75	71	82	89	84	.....
18..	56.66	57.36	58.08	55.56	56	58.25	56.98	24	23.8	29.9	29.3	27	25.5	26.6	31.5	22.6	92	93	71	72	82	88	83	.....
19..	57.14	57.44	57.76	56.29	57.26	59.50	57.56	24.9	25.1	29	28.9	27.3	22.8	26.3	31.6	22	90	91	76	71	78	90	82.7	47.2
20..	58.44	58.69	59.68	57.27	57.98	59.05	58.52	22.8	23.1	27.5	26.3	25.5	25.1	25	29.4	22.4	93	94	78	80	81	88	85.7	.....
21..	58.45	57.90	57.85	56.67	57.64	59.60	58.02	24.1	23.9	29.7	28.2	24	23.8	25.6	31.1	23.1	91	93	71	77	90	92	85.7	.....
22..	58.82	59.81	59.98	57.40	58.43	59.98	59.07	23.7	23.9	27.5	29.3	26.5	25.6	26.1	30.4	22.9	94	95	75	72	82	88	84.3	.....
23..	59.66	59.79	60.37	58.14	59.09	59.94	59.50	24	24.8	30.7	29.2	27.5	24.6	26.8	31.8	23.4	90	91	69	74	75	88	81.2	45.2
24..	58.99	60.19	59.87	57.84	58.24	59.33	59.08	23.9	23.2	27.5	29.6	26.6	24.3	25.8	30.4	22.2	92	96	75	73	79	90	84.2	.....
25..	58.80	58.62	58.81	57.13	57.54	58.42	58.22	23.7	23.5	30	29.4	26.8	24.8	26.4	31.9	22.4	93	94	71	74	81	86	83.2	.....
26..	57.99	57.96	58.32	56.62	57.73	59.12	57.96	23.8	24.8	31.5	28.5	27.7	26.5	27.1	32.8	22.8	91	92	67	76	78	83	81.2	1
27..	57.63	57.49	57.87	55.67	56.83	58.34	57.30	25.9	25.9	31	30	28	27.1	28	33.4	25.2	85	87	69	72	76	81	78.3	.....
28..	57.19	57.07	57.68	56.03	56.93	58.69	57.26	26.1	26	31.2	31.6	27.6	27.1	28.3	32.5	25.3	85	87	69	63	79	81	77.3	.....
29..	57.71	57.60	57.62	56.41	57.31	59.09	57.62	25.8	26.5	30.7	30	28.7	27.4	28.2	32.4	25.4	85	88	70	73	73	80	78.2	.....
30..	58.04	58.39	58.88	56.80	58.03	59.78	58.32	26.4	26.1	31	31.7	28	27	28.4	32.6	25	84	85	69	65	77	83	77.2	.....
31..	58.87	58.55	58.83	56.93	58.06	59.55	58.46	25.9	26	29.7	29.9	27.9	25.1	27.4	31.1	24.4	86	87	72	71	76	83	79.2	.....
Mean	57.77	57.97	58.39	56.49	57.35	58.75	57.79	24.8	24.9	29.8	29.8	27.1	25.6	27	31.6	23.6	89.5	91.4	71.6	71.8	79.1	86.1	81.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[b]93.4

Day.	Wind.												Mean force.	Clouds.						
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.	
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*			
1..	S	2	Calm	....	S	3	S	2	Calm	....	Calm	....	1.2	7	Ci.-S.	Cu. SSE	3	Ci.		Fr.-Cu. SW
2..	Calm	....	Calm	....	S	2	S	4	Calm	....	Calm	....	1	2	Ci.-Cu.	Cu. SW	1	Ci.		Cu. SW
3..	Calm	....	Calm	....	SE	1	S	2	Calm	....	S	4	1.2	8	Ci.-S.	Cu. SSW	5	Ci.-S.		Cu. SSW
4..	S	1	S	2	SW	4	W	3	S	2	S	2	2.3	8	Ci.-S.	Fr.-Cu. SW	7	Ci.-S.		Cu. SW
5..	S	1	SSW	3	S	3	SSW	3	S	4	S	3	2.8	10	Ci.-S.	Fr.-Cu. S	2	Ci.		Cu.
6..	Calm	....	Calm	....	S	2	S	4	SSW	1	Calm	....	1.2	7	Ci.-S.	Cu. SSW	7	Ci.-S.		Cu. W
7..	Calm	....	Calm	....	S	2	S	4	Calm	....	Calm	....	1	10	Ci.-S.	Cu. W	2	Ci.		Fr.-Cu. W
8..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17..	S	2	S	1	S	3	S	1	Calm	....	Calm	....	1.2	10	Ci.-S.	Cu. SW	8	Ci.-S.		Cu. WSW
18..	Calm	....	Calm	....	S	1	S	2	Calm	....	Calm	....	.5	7	Ci.-Cu.	Cu. SSW	5	Ci.-S.		Cu. W
19..	Calm	....	Calm	....	S	2	SSE	1	SE	1	S	2	1	8	Ci.-S.	Cu. W	10	A.-S.		Cu.
20..	Calm	....	Calm	....	SSE	1	S	4	Calm	....	Calm	....	.8	10	A.-S.	Cu.	10	Ci.-S.		Cu.
21..	Calm	....	Calm	....	SSE	2	SSW	1	SSE	1	Calm	....	.7	2	Ci. SE	Cu.	10	Ci.-S.		Cu. W
22..	Calm	....	Calm	....	S	2	SSE	2	Calm	....	Calm	....	.7	10	Ci.-S.	Cu. SE	6	Ci.-S.		Cu. E
23..	Calm	....	Calm	....	S	2	SSW	4	Calm	....	Calm	....	1	7	A.-Cu.	Cu. SSW	7	Ci.-S.		Cu. SW
24..	Calm	....	SSE	1	SSE	4	S	4	Calm	....	Calm	....	1.5	10	A.-S.	Fr.-N. SW	8	Ci.-S.		Cu. W
25..	Calm	....	Calm	....	S	3	SSE	2	Calm	....	Calm	....	.8	10	Ci.-S.	Cu. W	7	Ci.-S.		Cu. SW
26..	Calm	....	S	1	SW	2	SW	2	W	4	Calm	....	1.5	1	Ci.	Cu.	10	Ci.-S.		Fr.-N. W
27..	Calm	....	S	1	S	4	SSW	3	SW	3	SSW	1	2	3	Ci.	Cu.	4	Ci.		Fr.-Cu. W
28..	Calm	....	Calm	....	SW	4	S	4	SSW	3	Calm	....	1.8	10	Ci.-S.	Cu. W	4	Ci.		Fr.-Cu. W
29..	Calm	....	S	3	S	4	S	3	SSW	2	SSW	2	2.3	9	Ci.-S.	Cu. WSW	5	Ci.		Cu. SW
30..	Calm	....	S	1	S	4	S	4	SSW	3	SW	4	2.7	2	Ci.	Fr.-Cu. SW	3	Ci.		Fr.-Cu. SW
31..	SSW	2	S	1	S	3	S	2	S	1	Calm	....	1.5	10	Ci.-S.	Cu. SW	6	Ci.-S.		Cu. SW
Mean	.....	0.4	.....	0.6	.....	2.6	.....	2.8	.....	1.1	.....	0.8	1.4	7.3	.....	.....	5.9	.....	.....	.....

[a] This station was temporarily closed from July 8 to 16.

[b] 22 days of observation.

TAGBILARAN.

[$\phi = 9°\ 38'$ N; $\lambda = 123°\ 51'$ E; barometer above sea, 21.3 meters; gravity correction not applied, —1.86 mm.]

AUGUST, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	58.99	58.75	58.67	57.02	57.39	59.09	58.32	25.4	26	30	30.7	27.4	25.6	27.5	32	24.5	85	87	71	69	80	84	79.3	.....
2	58.43	58.38	58.66	56.76	57.67	59.08	58.16	24.3	26.2	30.7	31	27.9	26	27.7	33.2	23.9	85	87	66	68	77	87	78.3	.....
3	58.08	57.57	58.14	56.81	57.43	59.09	57.85	25	25.6	30.3	29	27.7	23.8	26.9	30.8	23.2	89	90	69	73	76	92	81.5	33.8
4	58.11	58.06	58.82	57.33	57.97	59.06	58.22	23	23.8	26.2	24.5	24.8	23.3	24.3	27.6	22.4	93	94	75	91	93	94	90	63
5	58.55	58.80	58.85	56.79	57.58	58.76	58.22	23.1	23.2	28.5	29.9	26.4	24.7	26	32.2	22.6	93	94	71	67	79	89	82.2	.....
6	58.34	59	58.99	56.66	57.17	58.12	58.05	23.3	23.2	30	28.5	27	24.8	26.1	32.6	22.5	91	92	70	71	80	87	81.8	.....
7	57.34	57.34	57.58	55.48	56.50	56.91	56.86	23.9	24	30.2	27.7	26.7	24.8	26.2	32.9	23.3	92	93	71	72	80	87	82.5	32.5
8	56.40	56.43	57.22	55.34	56.03	57.53	56.49	24	24.5	27	29.3	26.5	24.7	26	30.3	23.4	93	94	76	68	80	87	83	.....
9	57	57.51	57.97	56.48	57.02	58.69	57.44	25	24.6	29.3	29.4	26.6	25.7	26.8	31.7	23.5	89	92	74	72	79	87	82.2	.....
10	57.44	57.68	58.26	56.69	57.74	58.45	57.71	24.1	23.8	29.4	28.9	27.7	25.3	26.5	32.3	22.7	91	93	74	73	76	88	82.5	.....
11	57.43	57.79	58.33	56.49	57.74	58.95	57.79	24.9	24.5	29.8	30.5	28.3	25.9	27.3	31	24	89	91	69	68	74	88	79.8	.....
12	57.86	57.84	58.43	56.53	57.63	59.46	57.96	25.1	24.4	30.3	30	26	25.1	26.8	32.5	23.9	91	93	71	71	82	88	82.7	16.3
13	59.05	58.66	58.93	56.17	56.69	58.13	57.94	24.6	24.1	29.9	30.9	27.9	26	27.2	31.9	23.5	92	94	71	68	76	86	81.2	.....
14	57.53	57.48	57.58	55.08	56.31	57.94	56.99	24.5	24.2	30.9	32	26.9	25.5	27.3	32.5	23.5	91	92	69	65	83	89	81.5	.....
15	56.85	56.98	57.24	55.36	55.53	57	56.49	25.1	24.8	29.6	31.2	28.7	26.7	27.7	32.2	24.3	92	93	72	69	73	85	80.7	.....
16	55.73	55.90	55.96	53.87	54.87	56.44	55.46	25.9	25.9	30.8	31.4	28.1	27.3	28.2	32.6	25	89	90	70	68	78	82	79.5	.....
17	55.40	55.67	56.66	54.88	55.38	57.13	55.85	26.2	26.1	29	30.7	27	26.9	27.6	32.2	25.5	90	90	76	69	83	84	82	.....
18	56.35	56.87	57.26	55.81	56.93	58.29	56.92	26.2	26.4	31	31.3	27.9	27.7	28.4	31.8	25.5	85	86	70	70	81	82	79	.....
19	57.70	57.73	58.38	56.92	58.14	59.96	58.14	26.7	26.6	31.6	29.2	27.9	24.6	27.8	32.5	23.6	86	87	68	78	77	87	80.5	7.1
20	58.14	58.23	58.91	57.01	58.19	60.10	58.43	23.7	23.4	29.9	30.1	26	25.9	26.6	30.7	22.6	91	93	68	71	80	88	81.8	.....
21	59.09	59.18	59.94	58.07	57.53	59.33	58.86	23.9	23.8	30	31.4	27.4	25	26.9	32.4	23	93	94	70	69	73	88	81.2	.....
22	59.09	59.41	59.73	57.61	57.89	59.19	58.82	24.1	24.3	31.4	31.9	29.3	25.8	27.8	32.6	23.5	91	92	68	64	70	86	78.5	.....
23	58.44	58.80	59.23	58.01	58.79	59.87	58.86	23.9	23.4	31.8	30	26.6	24.8	26.8	32.3	22.6	89	91	65	69	80	89	80.5	1.3
24	59.36	60.03	60.67	58.61	59.71	61.51	59.98	24	24	30.4	29.5	28	23.4	26.6	31.7	22.4	91	93	68	68	72	90	80.3	13.7
25	60.72	60.44	60.19	57.72	59.08	60.50	59.78	23.5	23.4	29.9	31.4	28.2	24.5	26.8	32.4	22.4	93	94	69	66	73	88	80.5	.....
26	59.19	59.19	59.09	56.84	57.79	58.57	58.44	23.9	24	30.7	28.1	25.9	25.4	26.3	31.7	23.2	91	91	69	77	82	85	82.5	.....
27	57.18	57.81	58.91	56.56	57.98	59.52	57.99	24.2	23.6	31	29.9	28.1	23.4	26.7	31.6	22.7	87	90	67	69	73	90	79.3	5.1
28	58.49	59.15	59.46	57.52	57.82	59.14	58.60	23	24.1	30	28.5	26.4	25	26.2	31.4	22.5	91	93	71	78	82	88	83.8	.....
29	57.85	57.96	58.48	56.37	56.59	58.31	57.59	24.5	25	29.7	29	25.7	24.2	26.4	30.2	23.5	91	92	69	71	85	88	82.7	.....
30	56.68	56.38	56.92	55.19	55.80	57.21	56.36	24	24.1	28	29	27.2	25.4	26.3	29.7	23.4	89	91	71	70	77	88	81	.....
31	56.10	55.99	56.79	54.87	56.11	57.55	56.24	25	25.2	29.7	30.1	25.3	24.7	26.7	31.4	24.4	89	90	71	71	89	89	83.2	.....
Mean	57.84	57.97	58.40	56.48	57.26	58.67	57.77	24.5	24.5	29.9	29.8	27.2	25.2	26.9	31.7	23.5	90.1	91.5	70.3	70.7	78.8	87.4	81.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	172.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Mean force.	Amount.	Form and direction.		Amount.	Form and direction.
															Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	S	2	S	2	S	4	S	3	Calm	....	Calm	....	1.8	9	Ci.-S.	Cu. SW	1	Ci.	Fr.-Cu. SW
2	Calm	....	S	2	S	2	S	4	Calm	....	Calm	....	1.3	3	Ci.	Fr.-Cu. SSW	1	Ci.	Cu. SW
3	Calm	....	Calm	....	S	3	Calm	....	Calm	....	S	3	1	8	Ci.-S.	Cu. SW	9	Ci.-S.	Cu.
4	S	2	S	4	SSE	2	Calm	....	Calm	....	Calm	....	1.3	10	A.-S.	Fr.-N. SE	10	A.-S.	Cu. SSE
5	Calm	....	Calm	....	SSE	2	S	2	Calm	....	Calm	....	.7	10	Ci.-S.	Cu. S	3	Ci.	Cu. SSE
6	Calm	....	Calm	....	W	1	NW	1	Calm	....	Calm	....	.3	7	Ci.-S.	Cu. SSW	9	Ci.-S.	Cu.
7	Calm	....	Calm	....	S	2	SSE	1	Calm	....	Calm	....	.5	3	Ci. SW	Cu.	10	Ci.-S.	Cu. SW
8	Calm	....	Calm	....	SE	4	SE	2	Calm	....	Calm	....	1	8	Ci.-S.	Cu. W	4	Ci.	Cu. SSW
9	Calm	....	Calm	....	S	1	S	2	Calm	....	Calm	....	.5	7	Ci.-S.	Cu. SSE	9	Ci.-S.	Cu. SSE
10	Calm	....	Calm	....	NW	1	S	1	Calm	....	SSE	1	.5	2	Ci.	Cu. SSW	9	Ci.-S.	Cu. SSW
11	Calm	....	Calm	....	S	2	S	1	Calm	....	Calm	....	.5	10	Ci.-S.	Cu. SSW	7	Ci.-S.	Cu. SSE
12	Calm	....	SE	1	WNW	2	W	1	Calm	....	Calm	....	.7	2	Ci.-Cu.	Cu. SSE	6	Ci.	Cu. SW
13	S	2	SE	1	SSW	2	W	2	Calm	....	Calm	....	1.2	7	Ci.-S.	Cu. SSE	2	Ci.	Cu. SW
14	Calm	....	Calm	....	WNW	1	SSW	2	Calm	....	Calm	....	.5	1	Ci.	Cu.	1	Ci.	Cu. W
15	Calm	....	Calm	....	SSW	2	SSE	2	Calm	....	Calm	....	.7	9	Ci.-S.	Cu. SW	7	Ci.-S.	Cu. SW
16	Calm	....	Calm	....	S	4	SW	4	SSW	3	SW	4	2.5	8	Ci.-S.	Cu. W	6	Ci.-S.	Cu. W
17	SSW	3	SSW	4	W	4	SW	4	SW	4	SW	4	3.8	10	Ci.-S.	Cu. SW	7	Ci.-S.	Cu. W
18	SW	3	SSW	2	S	2	S	1	Calm	....	Calm	....	1.3	7	Ci.-S.	Cu. SW	6	Ci.-S.	Cu. SSW
19	Calm	....	SSE	1	S	3	S	2	SW	2	SSW	5	2.2	9	Ci.-S.	Cu. SW	7	Ci.-S.	Cu. SW
20	S	2	Calm	....	S	2	SSW	2	Calm	....	Calm	....	1	10	Ci.-S.	Cu. SSW	7	Ci.-S.	Cu. SW
21	Calm	....	Calm	....	S	2	S	1	Calm	....	Calm	....	.5	9	Ci.-S.	Cu. SSW	2	Ci.	Cu. SE
22	Calm	....	Calm	....	S	2	S	2	Calm	....	Calm	....	.7	2	Ci.	Cu.	1	Ci.	Cu. SE
23	Calm	....	Calm	....	SSE	3	SSE	2	Calm	....	Calm	....	.8	1	Ci.	Cu.	7	Ci.-S.	Cu. ENE
24	Calm	....	Calm	....	SE	3	SSW	1	Calm	....	S	4	1.3	8	Ci.-S.	Cu. SE	7	Ci.-S.	Cu. SSE
25	Calm	....	E	2	W	1	W	2	SE	3	SSE	2	1.7	9	Ci.-S.	Cu. SSE	1	Ci.	Cu.
26	Calm	....	Calm	....	S	2	S	3	Calm	....	Calm	....	.8	7	Ci.-Cu.	Cu. SE	7	Ci.-S.	Cu. ENE
27	Calm	....	Calm	....	S	2	S	2	Calm	....	SSE	2	1	1	Ci.	Cu.	1	Ci.	Cu. WSW
28	Calm	....	Calm	....	S	2	SSW	1	Calm	....	Calm	....	.5	9	Ci.-S.	Cu. SSE	10	Ci.-S.	Cu. W
29	Calm	....	ESE	3	SSE	2	S	2	Calm	....	Calm	....	1.2	8	Ci.-S.	Cu. SE	10	Ci.-S.	Cu. SW
30	Calm	....	Calm	....	S	2	SSW	2	Calm	....	Calm	....	.7	10	A.-S.	Cu. SW	7	Ci.-S.	Cu. SW
31	Calm	....	S	3	W	2	WNW	1	SW	3	S	2	1.8	9	Ci.-S.	Cu. WSW	6	Ci.-S.	Cu. W
Mean	.....	0.5	.....	0.8	.....	2.2	.....	1.8	.....	0.5	.....	0.9	1.1	6.9	.....	.....	5.8	.....	.....

TAGBILARAN.

[$\phi = 9°\ 38'$ N; $\lambda = 123°\ 51'$ E; barometer above sea, 21.3 meters; gravity correction not applied, —1.86 mm.]

SEPTEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	56.93	56.89	58.40	56.45	57.02	58.29	57.33	25.2	25.2	26.8	28.2	26.6	26	26.3	28.8	24.4	92	92	83	74	80	85	84.3	6.6
2	57.19	58.78	58.96	56.93	56.95	58.78	57.93	24	24.5	28.7	29	27.2	25.5	26.5	30.4	22.6	91	92	71	73	78	88	82.2	5.6
3	57.04	58.01	58.03	56.33	56.94	58	57.39	25.4	24.8	30.1	30.7	27.3	25.7	27.3	32.2	24	88	92	72	70	78	85	80.8	.....
4	57.04	57.23	57.73	56.59	57.59	58.35	57.42	24.3	25.3	28.8	23.4	23	22.9	24.6	30.7	22.4	89	90	72	88	91	91	86.8	50.5
5	57.11	57.50	57.62	55.84	56.89	58.21	57.20	22.8	23.3	28.7	30.8	27.4	25.1	26.4	31.4	22.3	92	93	72	65	76	86	80.7	.....
6	57.49	57.95	58.63	56.88	57.85	59.35	58.02	23.9	24	28.9	30.1	27	24.8	26.4	31.4	23.4	91	92	70	67	79	90	81.5	.....
7	58.41	58.30	58.16	56.02	56.78	59.22	57.82	24.9	25	30.6	30.4	28	23.2	27	31.7	21.7	91	92	67	66	71	91	79.7	21.3
8	57.67	57.61	57.83	55.60	56.52	57.25	57.08	22	22.3	27.8	28.4	25.8	25	25.2	29.2	20.9	94	95	70	72	84	90	84.2	10.7
9	56.76	57.29	58.11	56.03	57.38	58.20	57.30	23.6	24.4	30	29.6	26.9	26.7	26.9	31.6	22.7	92	93	69	71	84	83	82	.....
10	56.99	57.74	58.43	56.64	57.99	59.16	57.82	25.5	25	30.7	30.3	26.8	25.1	27.2	32.6	24.2	88	91	66	71	78	88	80.3	.....
11	58	58.45	59.07	56.88	57.54	59.47	58.24	24.1	24	30	30	26.5	24.9	26.6	30.8	23.2	92	93	73	72	80	90	83.3	.....
12	58.33	58.26	59.35	56.84	57.86	59.37	58.34	24.2	24.5	31	30.4	26.8	23	26.6	31.9	22.2	91	92	67	68	77	92	81.2	19.8
13	58.66	59.15	59.38	56.93	57.89	59.23	58.54	23.3	23.4	29.9	30.6	26.6	25	26.5	31.6	22.6	93	94	67	67	80	89	81.7	12.2
14	57.96	58.58	59	57.26	58.13	59.55	58.41	24.2	24.8	30.7	30.8	26.9	25.2	27.1	31.5	23.5	91	92	69	69	81	83	80.8	.....
15	58.59	58.98	59.28	57.24	58.23	59.09	58.57	23.8	23.4	31	28.3	26	24.9	26.2	32.2	22.5	89	90	68	72	82	88	81.5	14.2
16	58.33	58.14	58.18	56.07	56.49	57.85	57.51	24	24	28.8	29.6	25.8	24.1	26	32	23.3	91	92	72	72	87	89	83.8	.....
17	56.81	57.64	57.81	55.93	57.14	58.96	57.38	23.9	24	30.7	31.3	28.2	25.4	27.2	32.5	22.8	91	92	68	69	73	85	79.7	.....
18	58.61	58.85	59.26	57.32	58.57	60.06	58.78	24	24.3	30	27.7	26.9	23.6	26.1	30.5	22.8	91	94	71	76	77	87	82.7	.....
19	58.57	58.97	59.23	56.60	57.24	58.41	58.17	23	23.2	30.2	28.6	26	24.9	26	31.5	22.4	91	93	69	73	84	87	82.8	.....
20	57.63	58.29	58.62	56.11	57.09	59.16	57.82	24.3	24.4	28	30	26.7	23.3	26.1	31.6	22.4	90	94	77	69	83	91	84	16.8
21	58.21	58.59	59.27	57.04	58.02	59.94	58.51	22.9	23	29.5	30	27	24	26.1	31.7	22.3	94	96	70	71	83	93	84.5	1.5
22	59.84	59.55	59.46	57.64	58.68	60	59.20	24	23.8	27.1	30	27.6	24.9	26.2	30.9	22.9	93	94	81	71	75	87	83.5	.....
23	58.81	58.94	58.70	56.28	57.70	59	58.24	23.9	23.9	30.6	28.8	26.8	25.4	26.6	31.7	23	92	94	68	74	78	87	82.2	.....
24	58.15	58.68	58.72	56.04	56.36	57.98	57.66	24.8	24.6	31	29	27.3	25.9	27.1	31.6	23.6	92	92	67	74	81	87	82.2	1.5
25	57.01	56.84	57.34	55.32	56.23	57.59	56.72	24	24	31	31.7	27.1	26.8	27.4	32.8	23.5	92	95	64	64	78	83	79.3	.....
26	56.63	56.87	57.32	55.46	57.09	58.60	57	26.3	25.3	31.9	31.7	28.7	26.6	28.4	33.5	24.6	85	90	62	65	75	82	76.5	.....
27	57.54	57.73	58.84	56.32	57.44	58.68	57.76	26.2	26.9	31	32.3	28.4	27	28.6	33.3	25.6	84	85	67	64	73	77	75	.....
28	57.70	57.89	58.17	55.86	56.93	58.44	57.50	26.9	27.1	32.3	30.5	29	27.7	28.9	33	25.8	81	83	66	68	73	76	74.5	.....
29	57.79	58.14	58.54	56.53	57.33	58.92	57.88	26.7	25.3	29.7	30	27.8	25.9	27.6	31.5	24.4	84	89	69	69	77	85	78.8	.....
30	58.27	58.23	58.64	56.54	58.38	59.90	58.33	25.1	24.5	31	28.8	26.8	25.9	27	32.8	23.7	88	92	67	71	78	83	79.8	.....
Mean	57.80	58.14	58.54	56.45	57.41	58.83	57.86	24.4	24.4	29.9	29.7	27	25.1	26.7	31.6	23.2	90.1	91.9	69.8	70.5	79.1	86.6	81.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	160.7

Day.	Wind.												Clouds.							
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.				2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Mean force.	Amount.	Form and direction.			Amount.	Form and direction.	
															Upper.	Lower.			Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*				*0–10*		
1	S	3	SSW	4	S	3	S	4	S	3	SSW	2	3.2	10	Ci.-S.	Fr.-N.	SW 10	A.-S.		Cu. WSW
2	Calm	....	W	3	S	2	S	1	Calm	....	Calm	....	1	10	Ci.-S.	Fr.-N.	WSW 10	Ci.-S.		Cu. SW
3	Calm	....	Calm	....	S	2	S	2	Calm	....	Calm	....	.7	10	Ci.-S.	Cu.	SW 7	Ci.-S.		Cu. W
4	Calm	....	Calm	....	S	1	SW	4	Calm	....	Calm	....	.8	10	Ci.-S.	Cu.	SW 10	.....		N. W
5	Calm	....	Calm	....	S	1	SSE	3	Calm	....	Calm	....	.7	10	Ci.-S.	Cu.	SW 4	Ci.-S.		Cu. SW
6	Calm	....	Calm	....	S	3	S	1	Calm	....	Calm	....	.7	10	Ci.-S.	Cu.	10	Ci.-S.		Fr.-Cu. SW
7	Calm	....	Calm	....	SSE	2	S	2	Calm	....	S	4	1.3	5	Ci.-S.	Fr.-Cu.	SW 3	Ci.		Cu. W
8	SSW	3	Calm	....	SSE	1	S	2	Calm	....	Calm	....	1	10	Ci.-S.	Cu.	10	Ci.-S.		Cu.
9	Calm	....	Calm	....	SSW	2	S	1	Calm	....	Calm	....	.5	10	Ci.-S.	Cu.	SW 10	Ci.-S.		Cu. SW
10	Calm	....	Calm	....	SSW	3	S	1	SSE	2	Calm	....	1	10	Ci.-S.	Cu.	SW 9	Ci.-S.		Cu. SW
11	Calm	....	Calm	....	S	2	SSE	2	Calm	....	Calm	....	.7	9	Ci.-S.	Cu.	SSW 6	Ci.		Cu. SSW
12	Calm	....	Calm	....	SSE	1	SSE	1	SSW	2	S	2	1	5	Ci.	Cu.	SE 5	Ci.		Cu. SW
13	Calm	....	Calm	....	S	2	NW	1	Calm	....	Calm	....	.5	10	A.-S.	Cu.	SE 10	Ci.-S.		Fr.-N. NE
14	Calm	....	Calm	....	S	2	S	3	Calm	....	Calm	....	.8	10	Ci.-S.	Fr.-N.	SE 2	Ci.		Cu.
15	Calm	....	Calm	....	S	2	SSE	1	Calm	....	Calm	....	.5	1	Ci.	Cu.	9	Ci.-S.		Cu. E
16	Calm	....	Calm	....	SSE	2	S	1	Calm	....	Calm	....	.5	4	Ci.	Fr.-Cu.	NNE 6	Ci.-S.		Fr.-Cu. NE
17	Calm	....	Calm	....	S	1	S	2	Calm	....	Calm	....	.5	5	Ci.	Cu.	E 1	Ci.		Cu.
18	Calm	....	Calm	....	S	2	SSW	1	Calm	....	Calm	....	.5	7	Ci.-S.	Cu.	ESE 10	Ci.-S.		Cu. SE
19	Calm	....	Calm	....	W	2	SSE	1	Calm	....	Calm	....	.5	10	Ci.-S.	Cu.	10	Ci.-S.		Fr.-N. E
20	Calm	....	Calm	....	SSE	2	S	1	SE	2	Calm	....	.8	10	Ci.-S.	Cu.	SW 7	Ci.-S.		Cu. SW
21	Calm	....	Calm	....	S	2	S	1	Calm	....	Calm	....	.5	10	Ci.-S.	Cu.	5	Ci.		Cu. E
22	Calm	....	Calm	....	SSE	2	S	3	Calm	....	Calm	....	.8	10	Ci.-S.	Cu.	3	Ci.		Cu. SW
23	Calm	....	Calm	....	S	2	SSE	1	Calm	....	Calm	....	.5	5	Ci.	ENE	Cu. 8	Ci.-S.		Cu. WSW
24	Calm	....	Calm	....	NW	1	S	2	Calm	....	Calm	....	.5	7	Ci.-S.	Cu.	SW 9	Ci.-S.		Cu.
25	S	3	Calm	....	SSW	1	SSW	2	Calm	....	Calm	....	1	8	Ci.-S.	Cu.	SSE 3	Ci.		Cu. W
26	Calm	....	Calm	....	SSW	3	S	3	Calm	....	Calm	....	1	3	Ci.	Fr.-Cu.	W 6	Ci.-S.		Cu. W
27	Calm	....	S	2	S	3	W	2	SW	2	SSW	2	1.8	8	Ci.-S.	Cu.	W 3	Ci.		Cu. SW
28	Calm	....	SW	1	SSW	4	S	3	SSW	1	Calm	....	1.5	7	Ci.-S.	Cu.	W 4	Ci.		Cu. WSW
29	Calm	....	Calm	....	S	4	S	1	Calm	....	Calm	....	.8	10	Ci.-S.	Cu.	SW 10	Ci.-S.		Cu. W
30	Calm	....	S	1	S	3	Calm	....	Calm	....	Calm	....	.7	7	Ci.-Cu.	Cu.	SW 10	Ci.-S.		Cu. WSW
Mean	.....	0.3	.....	0.4	.....	2.1	.....	1.8	.....	0.4	.....	0.3	0.9	8	.....	.....		7	.....	.....

TAGBILARAN.

[$\phi = 9°\ 38'$ N; $\lambda = 123°\ 51'$ E; barometer above sea, 21.3 meters; gravity correction not applied, −1.86 mm.]

OCTOBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm*
1..	58.80	59.11	59.74	57.06	58.07	59.52	58.72	25.2	24	29.8	27.9	25.9	24.7	26.2	31.6	23.4	88	92	68	75	84	92	83.2	11.4
2..	58.64	59	59.63	56.58	57.54	58.98	58.40	24.3	24.8	28.4	28.2	26	24.9	26.1	31.1	23.6	93	93	70	72	82	89	83.2	1.8
3..	58.02	58.34	58.84	56.55	57.20	58.36	57.88	23.1	23.9	28.3	26.9	25.9	25	25.5	30.7	22.5	91	94	74	77	81	89	84.3	.....
4..	57.04	57.56	58.23	55.49	56.18	57.09	56.93	24	25	29	30	26.9	26.5	26.9	31.9	23.6	90	91	72	70	77	84	80.7	.....
5..	56.04	56.63	57.33	55.54	56.49	57.19	56.54	26.6	26.2	27.7	26.3	24.3	24.3	25.9	29.6	23.5	87	90	70	83	87	91	84.7	21
6..	55.81	56.35	56.52	55.13	55.85	56.54	56.03	24.1	24.3	25.3	24.9	23.4	24.9	24.5	26	22.6	92	94	88	92	90	92	91.3	16.8
7..	55.64	56.42	56.88	55.66	56.99	57.18	56.46	23.7	24	27	24.7	25.9	25.9	25.2	27.6	23.2	94	95	81	83	83	88	87.3	6.1
8..	56.27	57.81	58.08	55.99	57.43	58.79	57.40	24.4	25.4	27.8	30.1	24.7	25	26.2	31.2	23.5	90	91	74	69	84	87	82.5	7.6
9..	57.51	58.56	58.79	56.69	57.90	59.68	58.19	25.8	25.2	30.2	30.6	27.5	26.4	27.6	31.5	24.2	88	90	70	68	79	86	80.2	.....
10..	58.26	59.03	59.23	57.03	58.23	59.52	58.55	26	25.7	30.1	29.6	27.1	26.7	27.5	31.4	24.6	87	88	71	72	75	80	78.8	.....
11..	58.53	58.83	59.19	56.80	57.63	59.11	58.35	24.9	24.2	29.2	28.1	26	25.3	26.3	31.9	23.7	88	92	72	75	82	88	82.8	.....
12..	58.13	58.81	59.06	57.18	58.50	59.36	58.51	24.8	24.8	30	29.3	25.8	24.8	26.6	31.6	23.8	89	91	68	71	85	85	81.5	.....
13..	58.46	59.73	60.20	57.93	59.05	60.09	59.24	24.3	25.8	25	28	26.1	23.7	25.5	31.4	22.8	86	88	85	75	82	89	84.2	23.7
14..	59.35	59.89	59.49	57.40	58.17	59.29	58.93	23.7	24.3	29.5	27.2	25.8	24.6	25.8	30.5	23.4	93	93	70	78	88	88	85	.....
15..	58.69	59	59.05	56.69	57.25	58.56	58.21	22.8	23.2	30.5	29.7	26.3	24.7	26.2	31.7	22.3	96	93	68	73	85	86	83.5	.....
16..	57.57	58.30	58.14	55.30	56.20	57.24	57.12	23.1	23.4	31	30.7	26.3	24.8	26.6	32.2	22.4	91	93	68	67	83	87	81.5	.....
17..	56	56.40	56.60	54.28	55.14	56.30	55.79	23.5	24	28.8	29.4	25.8	24.2	26	31.9	22.6	89	90	72	69	84	90	82.3	2.5
18..	55.28	56.46	56.58	54.56	55.76	56.99	55.94	23.9	24.5	30.1	24.3	24.8	23.8	25.2	32.1	22	91	92	73	82	87	91	86	37.6
19..	56.47	56.81	57.43	55.44	56.24	57.96	56.72	23.9	24.4	28.4	29.8	25.1	24.8	26.1	32.2	23.5	92	94	70	68	88	88	83.3	.....
20..	56.82	57.53	57.78	55.56	56.44	57.92	57.01	24.2	25.3	29.9	31	27.7	25.6	27.3	32	23.8	91	94	69	68	74	90	81	.....
21..	57.10	57.88	57.94	55.29	57.08	59.10	57.40	25	24.9	31	30.6	27	24.1	27.1	32.4	23.6	92	93	67	68	76	91	81.2	2
22..	57.65	58.59	58.58	56.09	57.50	59.11	57.92	23.8	23.6	29.2	28.5	24.3	24.2	25.6	30.7	23	94	95	70	73	81	90	83.8	9.9
23..	58.01	58.61	58.82	56.27	57.55	58.69	57.99	24.6	24	29.5	27.3	25	24.5	25.8	31.3	23.4	92	95	69	79	83	89	84.5	.....
24..	58.14	58.50	58.04	56.14	56.85	58.15	57.64	24.1	24.1	29.7	29	26.1	24.5	26.2	30.8	23.4	91	93	71	71	81	89	82.7	4.1
25..	57.25	58.10	57.73	55.79	56.60	57.79	57.21	23.3	24	30.6	28.3	26	24.7	26.2	31.9	22.6	91	92	68	75	83	87	82.7	.....
26..	57.23	57.94	57.49	54.85	56.05	57.76	56.89	24.1	24.6	28.7	28.3	26.1	24.7	26.1	31.6	23.4	91	92	74	72	82	87	83	.....
27..	56.46	57.03	57.24	54.75	56.02	57.21	56.45	24.2	24.3	31.1	27.7	25.4	24.8	26.2	31.8	23.4	90	91	69	73	82	88	82.2	.....
28..	56.82	57.81	58.39	56.55	57.66	59.18	57.74	23.7	23.9	29.9	29.1	25	25	26.1	32	23.2	93	94	71	70	86	87	83.5	3.9
29..	58.19	58.61	58.95	57.03	57.69	58.66	58.19	23.8	24.3	28.7	24.5	24.1	23.7	24.8	31.7	22.8	93	91	73	91	82	91	86.8	47.2
30..	57.40	57.45	57.78	55.88	57.11	58	57.27	23.6	23.8	29.5	29	26.1	23.8	26	31.2	22.5	92	93	70	71	82	91	83.2	20.1
31..	56.71	56.85	57.90	55.35	56.50	57	56.72	23.3	23.3	25.4	26	24.6	23.6	24.4	26.8	22.4	91	94	80	80	79	90	85.7	.....
Mean	57.36	58	58.25	56.03	57.06	58.27	57.49	24.2	24.4	29	28.2	25.7	24.8	26.1	31	23.2	90.8	92.3	72.1	74.5	82.5	88.4	83.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	215.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Mean force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	Calm	....	Calm	....	S	1	SSW	1	Calm	....	Calm	....	0.3	9	Ci.-S.	Cu. SW	10	Ci.-S.	Cu. W
2..	Calm	....	Calm	....	SSE	1	SSW	1	Calm	....	Calm	....	.3	10	Ci.-S.	Cu. ESE	10	Ci.-S.	Cu. W
3..	Calm	....	Calm	....	S	3	SSE	2	Calm	....	Calm	....	.8	10	A.-S.	Cu. E	10	A.-S.	Fr.-N. SW
4..	Calm	....	Calm	....	SSW	2	WSW	3	S	2	Calm	....	1.2	10	Ci.-S.	Cu. W	9	Ci.-S.	Cu. SW
5..	Calm	....	SSW	1	S	4	SSW	1	SW	3	SW	4	2.2	10	Ci.-S.	Cu. W	10	Ci.-S.	Cu. W
6..	Calm	....	SSW	2	S	4	S	3	S	3	SSW	3	2.5	10	.....	N. WSW	10	.....	N. SW
7..	S	2	S	5	S	4	S	2	S	3	S	2	3	10	A.-S.	Fr.-N. SW	10	.....	N. SW
8..	S	2	S	4	S	2	S	4	S	2	S	1	2.5	10	A.-S.	Cu. SW	7	Ci.-S.	Cu. SW
9..	SSW	1	S	2	SW	4	SSW	2	SSW	2	Calm	....	1.8	9	Ci.-S.	Cu. SW	7	Ci.-S.	Cu. W
10..	Calm	....	S	3	S	3	S	2	Calm	....	Calm	....	1.3	8	Ci.-S.	Cu. WSW	6	Ci.-S.	Cu. SW
11..	Calm	....	Calm	....	S	2	S	1	Calm	....	Calm	....	.5	5	Ci.	Cu. WSW	8	Ci.-S.	Cu. SSW
12..	Calm	....	Calm	....	S	2	SW	1	Calm	....	Calm	....	.5	7	Ci.-S.	Cu. SSW	7	Ci.-S.	cu.-N. SSE
13..	Calm	....	Calm	....	S	1	Calm	....	Calm	....	S	2	.5	6	Ci.-S.	Cu. SSE	10	Ci.-S.	Cu. SE
14..	Calm	....	Calm	....	S	2	SSW	1	Calm	....	Calm	....	.5	10	Ci.-S.	Cu. SE	10	Ci.-S.	Fr.-N. SE
15..	Calm	....	Calm	....	S	2	S	1	Calm	....	Calm	....	.5	2	Ci.	Cu.	6	Ci.-S.	Cu. SE
16..	Calm	....	Calm	....	SSE	2	S	1	Calm	....	Calm	....	.5	1	Ci.	Cu.	6	Ci.	Cu. E
17..	Calm	....	Calm	....	W	2	SSW	1	Calm	....	Calm	....	.5	1	Ci.	Cu.	7	Ci.-S.	Cu. SSE
18..	Calm	....	Calm	....	W	1	SSW	1	Calm	....	Calm	....	.3	4	Ci.-S.	Cu.	10	A.-S.	Cu. SW
19..	Calm	....	Calm	....	W	2	S	1	Calm	....	Calm	....	.5	9	A.-S.	Cu. SSW	6	Ci.	Cu. SW
20..	Calm	....	S	2	NW	2	W	1	Calm	....	Calm	....	.8	10	Ci.-S.	Cu. SSW	5	Ci.	Cu. SW
21..	S	2	Calm	....	S	2	W	1	Calm	....	SSW	1	1	7	Ci.-S.	Cu. SSW	5	Ci.	Cu. SSW
22..	Calm	....	Calm	....	S	2	Calm	....	Calm	....	Calm	....	.3	10	Ci.-S.	Cu. SSE	10	Ci.-S.	Cu. SSW
23..	S	2	Calm	....	S	2	SSE	1	Calm	....	SSW	1	1	10	A.-S.	Cu. SE	9	Ci.-S.	Cu. ESE
24..	Calm	....	Calm	....	S	3	WNW	1	Calm	....	Calm	....	.7	10	Ci.-S.	Cu. E	9	Ci.-S.	Cu. W
25..	Calm	....	NE	1	S	2	S	1	Calm	....	Calm	....	.7	3	Ci.	Cu. E	9	Ci.-S.	Cu. SSE
26..	Calm	....	Calm	....	W	2	ESE	1	Calm	....	Calm	....	.5	4	Ci. NNE	Cu.	9	Ci.-S.	Cu. SE
27..	Calm	....	Calm	....	SSE	2	SE	1	Calm	....	Calm	....	.5	1	Ci.	Cu.	9	Ci.	Cu. SSE
28..	Calm	....	Calm	....	SSW	2	S	1	Calm	....	Calm	....	.5	2	Ci. ESE	Cu.	9	Ci.-S.	Cu.-N. E
29..	Calm	....	Calm	....	SSE	1	SSW	1	Calm	....	Calm	....	.3	2	Ci.	Cu.	10	A.-S.	Fr.-N. E
30..	Calm	....	Calm	....	NW	1	S	1	Calm	....	Calm	....	.3	10	A.-S.	Cu. E	9	Ci.-S.	Cu. ESE
31..	Calm	....	Calm	....	Calm	....	N	2	Calm	....	NNE	1	.5	10	A.-S.	Fr.-N. E	10	A.-S.	Cu. E
Mean	.....	0.3	.....	0.6	.....	2.1	.....	1.3	.....	0.5	.....	0.5	0.9	7.1	.....	.....	8.5	.....	.....

TAGBILARAN.

[$\phi = 9°\ 38'$ N; $\lambda = 123°\ 51'$ E; barometer above sea, 21.3 meters; gravity correction not applied, —1.86 mm.]

NOVEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.						Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	56.81	56.46	57.23	54.91	55.62	56.57	56.27	23.6	23.7	30.5	24.3	24.3	23.6	25	31.6	22.6	92	94	70	81	88	89	85.7	49.5
2..	56.09	56.77	57.17	55.24	55.80	56.89	56.33	23.9	24.4	29.3	28.9	25.6	24.8	26.2	31.3	23.2	90	91	70	70	81	88	81.7	11.5
3..	56.62	56.80	57.35	55.30	56.15	58.29	56.75	23.2	23.9	31.4	31.6	27.1	24.6	27	32.5	22.5	91	92	66	66	73	87	79.2	.....
4..	56.74	57.65	58.24	56.52	57.72	58.56	57.57	23.9	24.4	29.7	28.1	26.1	24.8	26.2	32	23.5	92	93	71	77	83	91	84.5	.....
5..	57.65	58.20	58.49	55.81	56.84	58.10	57.52	24.4	23.9	25	26.1	24.7	23.4	24.6	26.7	22.6	93	96	85	80	85	91	88.3	2.3
6..	57.19	57.65	58.59	56.28	57.36	58.45	57.59	23.5	24	29.4	30.4	26	24	26.2	31.3	22.5	93	94	72	69	82	90	83.3	.....
7..	58.02	58.50	58.88	56.79	57.88	59.18	58.21	23.8	24	29.2	28.7	26.1	24.9	26.1	31.6	22.7	91	92	75	73	82	89	83.7	.....
8..	58.24	59.27	58.90	56.43	57.13	58.09	58.01	24	24.2	28.5	28	25.6	24.6	25.8	32.2	23.4	91	92	75	77	84	88	84.5	14.2
9..	56.99	57.16	56.90	54.86	55.89	56.96	56.46	23.7	23.7	29	26	25.8	24.7	25.5	30.8	22.7	94	93	73	85	80	90	85.8	31.7
10..	56.71	57.10	57.63	55.51	56.78	57.82	56.92	24.3	23.7	31	30.6	26.6	25.6	27	31.8	22.7	91	94	67	68	77	82	79.8	.....
11..	56.48	57.38	58.09	56.19	57.45	58.46	57.34	25.2	24.9	31.3	28.7	25.9	24.8	26.8	32.3	23.6	89	91	66	75	85	88	82.3	.....
12..	57.46	58.13	58.67	56.28	57.41	58.46	57.74	24.2	24.1	30.2	30.4	27.4	23.8	26.7	33.2	23.4	92	93	69	71	80	93	83	11
13..	57.79	58.40	58.44	55.99	57.44	57.95	57.67	23.7	24.5	30	29.6	26.2	24.4	26.4	31.4	23	93	94	70	70	83	92	83.7	.....
14..	56.36	56.43	56.48	53.97	53.30	55.61	55.36	24	24.4	26.7	25.4	24.1	24	24.8	27.6	23.5	93	94	77	82	89	92	87.8	60.7
15..	55.08	56.06	56.50	54.49	55.36	56.91	55.73	23.4	24.3	30.7	27.7	25.5	24.9	26.1	31.8	22.9	93	94	66	75	82	88	83	16
16..	55.94	56.96	57.61	55.70	56.93	57.75	56.82	24.6	23.8	26.7	29.3	25.7	24.3	25.7	29.9	23.4	90	93	81	70	81	86	83.5	.....
17..	57.15	57.94	58.08	55.87	56.83	57.86	57.29	24.3	25.3	30.	30.7	27.2	24.8	27	31.6	23.6	87	88	71	69	79	88	80.3	.....
18..	57	57.90	57.98	56.03	57.13	58.16	57.37	23.9	24.9	30.8	30.2	26.3	24.2	26.7	31.7	23.1	91	92	65	70	81	91	81.7	.....
19..	57.19	57.92	58.34	56.38	57.49	58.43	57.62	23.8	23.7	29.7	30	27	25.1	26.6	31.2	22.8	92	94	69	70	80	83	81.3	.....
20..	57.65	58.85	59.09	56.69	57.74	59	58.17	23.7	23.1	30.9	29.3	25.9	24.8	26.3	32.6	22.5	88	91	67	73	83	87	81.5	.....
21..	58.16	59	59.32	56.99	58.12	59.20	58.46	24.1	24	28.2	29.4	26.9	25	26.3	31.4	23.4	90	92	74	68	79	90	82.2	2
22..	58.26	58.38	58.78	56.73	57.71	58.25	58.02	24.9	24	29.8	26.5	25.2	24	25.7	30.9	23.4	92	95	69	79	82	89	84.3	4.5
23..	57.34	57.85	58.18	55.50	56.63	58.06	57.26	23.9	24	27.5	28	25.5	24.4	25.6	29.6	22.5	92	93	76	74	84	91	85	7.9
24..	56.09	56.99	57.45	55.24	56.71	57.75	56.70	23.4	23.8	30.5	27	23.5	23.8	25.3	31.1	22.6	92	94	67	77	90	93	85.5	12.4
25..	56.60	57.54	58.53	56.71	58.46	58.54	57.73	24	23.7	26.9	25.7	24.4	23.4	24.7	28.8	22.7	94	96	77	81	87	91	87.7	14.7
26..	57.62	58.96	59.19	56.60	58.04	58.91	58.22	22.9	22.8	27.9	29.6	25.7	24.3	25.5	30.5	22.3	92	94	70	66	83	89	82.3	.....
27..	57.79	58.27	58.82	56.69	57.81	58.44	57.97	24.1	24.4	29.9	29.4	25.7	24.3	26.3	31.3	23.3	91	68	68	85	91		82.3	.....
28..	58.02	59.30	59.73	57.56	58.50	59.65	58.79	23.4	23.9	30.7	30	26.2	24.6	26.5	32.2	22.7	92	93	67	69	83	90	82.3	.....
29..	59.22	59.99	60.28	58.47	59.60	60.40	59.66	23.4	23.1	29.7	29.8	27	25	26.3	32	22.4	90	92	71	71	82	87	82.2	.....
30..	59.59	59.90	60.04	57.94	58.75	59.48	59.28	23.5	23.7	28	26.9	26.4	24.4	25.5	30.9	22.4	90	92	73	77	73	90	82.5	13.2
Mean	57.26	57.92	58.30	56.12	57.15	58.21	57.49	23.9	24	29.3	28.5	25.9	24.4	26	31.1	22.9	91.4	92.9	71.2	73.4	82.2	89.1	83.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	251.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Mean force.	Amount.	Form and direction.		Amount.	Form and direction.	
															Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	Calm	....	Calm	....	NNW	1	NE	2	Calm	....	N	1	0.7	4	Ci.	Cu. SE	10	A.-S.	Fr.-N. E
2..	Calm	....	Calm	....	SE	3	N	1	Calm	....	Calm	....	.7	10	Ci.-S.	Cu. SE	10	Ci.-S.	Cu. ESE
3..	Calm	....	Calm	....	S	2	S	5	Calm	....	SSW	2	1.5	2	Ci.	Fr.-Cu. SE	3	Ci.	Cu. E
4..	Calm	....	Calm	....	S	1	Calm	....	Calm	....	Calm	....	.2	10	Ci.-S.	Cu. ESE	10	Ci.-S.	Cu. E
5..	Calm	....	Calm	....	NNW	1	N	1	Calm	....	Calm	....	.3	10	A.-S.	Cu.	10	A.-S.	Fr.-N. E
6..	Calm	....	Calm	....	N	1	NNE	1	Calm	....	Calm	....	.3	10	Ci.-S.	Cu. SE	7	Ci.-S.	Cu. E
7..	Calm	....	N	1	S	1	SSW	1	Calm	....	Calm	....	.5	9	Ci.-S.	Cu. E	9	Ci.-S.	Cu. ESE
8..	Calm	....	Calm	....	NW	2	NNE	1	Calm	....	Calm	....	.5	4	Ci.	Cu. ENE	7	Ci.-S.	Cu. E
9..	Calm	....	Calm	....	NW	2	Calm	....	Calm	....	Calm	....	.3	1	Ci.	Cu.	10	A.-S.	Cu.
10..	Calm	....	Calm	....	S	2	NW	1	Calm	....	Calm	....	.5	8	Ci.-S.	Cu. SSE	4	Ci.	Cu. NE
11..	Calm	....	SSE	1	S	2	NE	1	Calm	....	Calm	....	.7	3	Ci.	Fr.-Cu. SE	8	Ci.-S.	Cu. E
12..	Calm	....	Calm	....	W	2	SE	1	Calm	....	Calm	....	.5	2	Ci.	NE Cu.	6	Ci.-S.	Cu. E
13..	Calm	....	Calm	....	NW	3	W	3	Calm	....	Calm	....	1	10	Ci.-S.	Cu.	6	Ci.-S.	Cu. NE
14..	Calm	....	Calm	....	N	3	N	2	N	3	Calm	....	1.3	10	A.-S.	Cu. NNE	10	Ci.-S.	Fr.-N. NW
15..	Calm	....	Calm	....	SE	2	NNE	2	Calm	....	Calm	....	.7	10	Ci.-S.	Cu.	9	Ci.-S.	Cu. E
16..	Calm	....	SSE	1	W	1	S	1	Calm	....	S	1	.7	10	A.-S.	Fr.-N. E	8	Ci.-S.	Cu. SE
17..	S	1	S	2	S	2	SSW	4	SSW	2	Calm	....	1.8	4	Ci.	Cu. SSW	5	Ci.-S.	Cu. SW
18..	Calm	....	SE	2	S	3	S	1	Calm	....	Calm	....	1	8	Ci.-S.	Cu. SSW	1	Ci.	Cu.
19..	Calm	....	Calm	....	SSE	1	SSE	2	Calm	....	Calm	....	.5	9	Ci.-S.	Cu. SW	3	Ci.	Cu.
20..	Calm	....	Calm	....	S	3	S	1	Calm	....	Calm	....	.7	1	Ci.	Cu.	6	Ci.-S.	Cu. SSW
21..	Calm	....	Calm	....	SSE	1	S	2	SSW	1	S	2	1	2	Ci.	Cu.	5	Ci.	Cu. E
22..	Calm	....	Calm	....	N	3	SSE	1	Calm	....	Calm	....	.7	10	A.-S.	Cu. ENE	10	A.-S.	Cu. NE
23..	Calm	....	Calm	....	SSE	1	NNW	1	Calm	....	Calm	....	.3	10	Ci.-S.	Cu. E	9	Ci.-S.	Fr.-N. NE
24..	Calm	....	Calm	....	SE	1	NNE	1	Calm	....	Calm	....	.3	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
25..	Calm	....	N	2	S	2	NE	2	W	2	Calm	....	1.3	10	A.-S.	Fr.-N. SE	10	Ci.-S.	Cu. SE
26..	Calm	....	NE	1	W	1	W	1	Calm	....	Calm	....	.5	10	Ci.-S.	Cu. SE	5	Ci.	Cu. SSE
27..	Calm	....	NNE	1	W	1	NNW	2	Calm	....	Calm	....	.7	10	Ci.-S.	Cu. SE	5	Ci.	Cu. SE
28..	Calm	....	Calm	....	W	1	NE	1	Calm	....	Calm	....	.3	3	Ci.	Cu.	4	Ci.	Cu. SE
29..	Calm	....	Calm	....	WNW	1	W	1	Calm	....	Calm	....	.3	3	Ci.	Cu.	6	Ci.-S.	Cu. S
30..	Calm	....	Calm	....	SSE	1	NW	1	Calm	....	Calm	....	.3	1	Ci.	Cu.	7	Ci.-S.	Cu. SSW
Mean	.....	0	.....	0.4	.....	1.7	.....	1.5	.....	0.3	.....	0.2	0.7	6.8	.....	.....	7.1	.....	.....

TAGBILARAN.

[$\phi = 9°\ 38'$ N; $\lambda = 123°\ 51'$ E; barometer above sea, 21.3 meters; gravity correction not applied, —1.86 mm.]

DECEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.75	59.55	59.85	57.86	58.44	59.99	59.07	23.4	23.4	30.7	29.4	24.9	24	26	31.4	22.5	92	94	67	74	84	91	83.7	7.4
2..	58.88	59.60	59.55	58.15	59.10	59.68	59.16	23.9	24	28.6	27.9	25.5	24.9	25.8	30.4	22.8	92	93	72	75	81	87	83.3	10.8
3..	58.66	59.44	59.84	58.29	58.95	59.39	59.10	23.8	23.8	30.8	28	24.9	23.7	25.8	32	22.6	92	94	67	74	87	92	84.3	50.5
4..	58.63	59.67	59.66	58	58.91	59.75	59.10	23.1	22	30.5	27.5	24	23.5	25.1	31.4	20.9	93	95	71	77	90	90	86	5.6
5..	58.61	58.65	58.69	56.75	57.60	58.09	58.06	23	23.2	29.5	30.7	26.4	23.9	26.1	32.1	22	91	92	73	69	82	91	83	.....
6..	56.76	57.22	56.79	55.13	56.01	56.15	56.34	23.1	24	31.1	27.4	24.2	23.7	25.6	31.8	22.6	93	94	67	73	90	92	84.8	.....
7..	55.12	55.40	56.07	53.31	54.51	55.56	55	23.3	23.9	29.2	28.4	25.3	24.1	25.7	30.9	22.6	93	95	72	70	88	91	84.8	15.5
8..	54.47	55.23	55.52	53.56	54.94	56.29	55	23.2	24.1	26.9	28.1	25.7	24	25.3	29.9	22.6	91	92	78	75	84	91	85.2	4.8
9..	55.70	57.02	57.52	55.52	57.05	58.49	56.88	24	23.6	28.4	30	26	24.9	26.2	31.2	22.5	91	94	70	70	85	92	83.7	.....
10..	57.56	57.83	57.53	55.34	56.59	57.30	57.02	24.3	24.3	30.5	29.2	26	24.2	26.4	31.4	23.4	92	94	68	74	82	91	83.5	.....
11..	56.15	57.34	57.99	55.18	57.24	58.45	57.06	24	24.4	24.7	27.6	22	22.6	24.2	28.2	21.5	92	93	91	75	93	91	89.2	50.3
12..	56.60	57.61	57.81	56.61	57.09	57.89	57.27	22.5	22.9	28	24.3	23.9	23.1	24.1	30.5	21.5	95	96	71	86	89	92	88.2	.....
13..	57.60	57.86	58.02	56.44	57.40	58.85	57.70	22.4	22.9	30	29.9	26.1	23.7	25.8	31.3	21.4	93	94	74	72	79	88	83.3	.....
14..	57.72	58	58.89	56.87	57	58.26	57.79	23.1	22.7	30	30.1	26	23.3	25.9	31.4	21.7	91	93	70	71	81	90	82.7	.....
15..	57.71	58.55	58.50	56.09	56.95	58.08	57.65	22.3	23	29.6	29.2	25.7	24	25.6	31.5	21.6	92	92	71	72	84	90	83.5	.....
16..	57.01	57.31	57.57	55.58	56.54	57.16	56.86	24	24.3	29.5	29.6	25.6	24	26.2	31.7	23	90	91	72	71	85	91	83.3	.....
17..	56.39	57.11	57.58	55.74	57.15	57.85	56.97	23.1	23	29.4	29.3	25.4	23.7	25.6	31.9	22.3	91	94	71	73	82	91	83.7	.....
18..	57.51	58.31	58.69	56.47	57.74	58.71	57.90	23.1	22.9	28.3	28	25.8	23.9	25.3	31.5	21.6	92	95	74	74	78	87	83.3	5.6
19..	57.70	58.45	58.45	56.97	57.78	58.67	58	22.3	22.1	29.7	26.2	24.3	23.5	24.7	31.7	21.5	91	93	69	77	88	89	84.5	16.8
20..	57.62	58	57.77	55.87	57.22	57.93	57.40	22.7	23.4	29.6	30.4	25.9	23.8	26	31.5	21.7	92	93	67	70	78	91	81.8	.....
21..	57.64	58	58.03	55.76	56.87	57.49	57.30	23	23	29.5	29.4	25.7	23.5	25.7	32.3	21.5	93	95	71	68	82	90	83.2	.....
22..	56.94	58.01	58.12	55.92	56.85	57.65	57.25	22.9	22.9	29.7	29.2	26	24.8	25.9	31.7	21.6	90	92	68	70	79	91	81.7	2.9
23..	56.44	56.95	58.11	56.39	57.02	58	57.15	23.8	23.4	26.7	23.9	23.5	23	24	27.4	22.5	92	94	77	91	87	92	88.8	6.4
24..	57.06	57.55	57.91	55.50	56.66	57.01	56.95	23.1	23.5	29	25.7	23.9	23.9	24.8	30.2	22.1	93	95	69	78	91	92	86.3	24.2
25..	56.04	56.70	57.08	54.79	55.34	56.05	56	23.2	22.9	29.9	27.2	26	24.1	25.6	30.5	22.1	94	96	67	75	81	87	83.3	.....
26..	55.38	55.86	56.71	54.28	55.34	56.11	55.61	24	23.2	27.7	29.2	25.9	24.7	25.8	30.3	22.5	90	93	71	66	77	89	81	.....
27..	55.20	55.92	56.64	55.15	55.68	56.96	55.92	23.7	23.5	28.3	26	24.5	23.4	24.9	29.1	22.5	90	90	75	79	84	88	84.3	15.1
28..	56.22	56.19	57.38	55.16	55.57	57.21	56.29	23.3	23.4	27.7	27.4	25.8	24.4	25.3	30.4	22.6	91	92	73	74	78	90	83	3.6
29..	56.84	57.30	57.84	55.70	56.69	57.79	57.03	23.4	23.3	28.5	29	25.3	24.8	25.7	30.4	22.4	90	93	73	72	82	85	82.5	.....
30..	56.30	57.17	57.66	55.74	56.80	58.31	57	23.4	23.4	27.8	29.8	26	24.5	25.8	30.5	22.6	91	93	70	68	82	87	81.8	.....
31..	57.68	58.14	58.48	56.63	57.83	58.84	57.93	24	24	28	27	24.8	24	25.3	28.5	23.4	90	91	74	78	86	91	85	.....
Mean	57	57.61	57.94	55.96	56.93	57.87	57.22	23.3	23.4	29	28.2	25.2	23.9	25.5	30.8	22.2	91.7	93.4	71.7	73.9	83.8	90	84.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	219.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p.m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Mean force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	Calm	....	Calm	....	W	1	NNE	1	Calm	....	Calm	....	0.3	7	Ci.-S.	Cu. SE	7	Ci.-S.	Cu.-N. NE
2..	Calm	....	Calm	....	S	2	S	2	Calm	....	Calm	....	.7	4	Ci.	Cu. E	9	Ci.-S.	Cu. E
3..	Calm	....	Calm	....	W	1	SSE	1	Calm	....	Calm	....	.3	10	Ci.-S.	Cu. E	10	A.-S.	Cu. E
4..	Calm	....	Calm	....	E	1	S	1	Calm	....	Calm	....	.3	1	Ci.	Cu.	9	Ci.-S.	Cu. SE
5..	Calm	....	Calm	....	NE	1	N	2	Calm	....	Calm	....	.5	5	Ci.	Cu. E	7	Ci.-S.	Cu. NE
6..	Calm	....	Calm	....	NNW	2	Calm	....	Calm	....	Calm	....	.3	7	Ci.-S.	Cu. ESE	10	Ci.-S.	Cu. E
7..	Calm	....	NE	1	NW	3	NNE	1	Calm	....	Calm	....	.8	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
8..	Calm	....	Calm	....	NNW	1	N	2	Calm	....	Calm	....	.5	8	Ci.-S.	Cu. SE	7	Ci.-S.	Cu. E
9..	Calm	....	NNW	1	NW	2	WSW	2	Calm	....	Calm	....	.8	9	A.-Cu.	Cu. E	4	Ci.	Cu. SSW
10..	Calm	....	Calm	....	SSW	1	WNW	2	Calm	....	Calm	....	.5	7	Ci.-S.	Cu. ENE	6	Ci.-S.	Cu. SSW
11..	Calm	....	Calm	....	Calm	....	W	2	S	1	S	2	.8	10	Ci.-S.	Cu. SSW	7	Ci.-S.	Cu. SSW
12..	Calm	....	Calm	....	W	2	NE	3	Calm	....	Calm	....	.8	6	Ci.-S.	Cu. SE	10	Ci.-S.	Fr.-N. E
13..	Calm	....	Calm	....	S	2	N	2	Calm	....	Calm	....	.7	5	Ci.-S.	Cu.	5	Ci.	Cu. E
14..	Calm	....	Calm	....	W	2	S	2	Calm	....	Calm	....	.7	1	Ci.	Cu.	3	Ci.	Cu. E
15..	Calm	....	Calm	....	W	2	SE	1	Calm	....	Calm	....	.5	2	Ci. NNE	Cu.	7	Ci.-S.	Cu. E
16..	Calm	....	Calm	....	NW	2	S	3	Calm	....	Calm	....	.8	9	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu. E
17..	Calm	....	Calm	....	SSE	1	SE	1	Calm	....	Calm	....	.3	2	Ci.	Cu. E	7	Ci.-S.	Cu. E
18..	Calm	....	Calm	....	NNE	1	N	1	Calm	....	Calm	....	.3	8	Ci.-S.	Cu. ESE	7	Ci.-S.	Cu. E
19..	Calm	....	Calm	....	NNE	1	N	1	Calm	....	Calm	....	.3	3	Ci. NE	Cu.	10	Ci.-S.	Fr.-N. E
20..	Calm	....	N	2	NNE	1	S	4	Calm	....	Calm	....	1.2	6	Ci.-S.	Cu. ENE	5	Ci.-S.	Fr.-Cu. E
21..	Calm	....	NE	1	SSE	1	S	3	Calm	....	Calm	....	.8	4	Ci. N	Cu.	5	Ci.-S.	Cu. E
22..	Calm	....	NE	2	NNE	2	S	1	Calm	....	Calm	....	.8	1	Ci.	Cu. E	7	Ci.-S.	Cu. E
23..	Calm	....	Calm	....	NNW	1	NNE	1	Calm	....	Calm	....	.3	9	Ci.-S.	Cu.	10	Ci.-S.	Cu. E
24..	Calm	....	Calm	....	N	1	S	1	Calm	....	Calm	....	.3	10	Ci.-S.	Cu. E	10	Ci.-S.	Fr.-N. E
25..	Calm	....	Calm	....	S	2	S	1	Calm	....	Calm	....	.5	7	Ci.-S.	Cu. E	8	Ci.-S.	Cu. E
26..	Calm	....	Calm	....	NNW	1	SSE	1	Calm	....	Calm	....	.3	7	Ci.-S.	Cu. E	4	Ci.-S.	Cu. E
27..	Calm	....	Calm	....	S	1	Calm	....	Calm	....	Calm	....	.2	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
28..	Calm	....	Calm	....	W	2	NNW	1	Calm	....	Calm	....	.5	10	Ci.-S.	Cu. E	10	Ci.-S.	Fr.-N. ENE
29..	Calm	....	Calm	....	SSE	1	NW	1	Calm	....	Calm	....	.3	8	Ci.-S.	Cu. ESE	9	Ci.-S.	Cu. NNE
30..	Calm	....	Calm	....	S	2	S	2	Calm	....	Calm	....	.7	7	Ci.-S.	Cu. SE	5	Ci.-S.	Cu. SE
31..	Calm	....	Calm	....	N	2	N	2	Calm	....	Calm	....	.7	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.
Mean	.....	0	.....	0.2	.....	1.5	.....	1.5	.....	0	.....	0.1	0.5	6.5	.....	.....	7.6	.....	.....

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

JANUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.23	58.63	59.65	57.14	58.26	59.31	58.54	22.3	22	29	30.2	27.1	25.2	26	31	21.4	92	96	71	76	87	90	85.3	.....
2..	58.20	58.50	59.87	57.30	58.93	59.79	58.76	23.5	22.7	28.2	28.6	27.1	24.8	25.8	30.5	22.3	93	97	80	85	87	90	88.7	0.5
3..	58.89	59.09	60.14	57.93	59.19	60.16	59.23	23.8	23.2	27.5	27.5	27.4	25.5	25.8	29.5	22.8	93	97	80	84	85	89	88	176.5
4..	59.98	60.80	60.81	59.29	60.30	61.52	60.45	24.3	23.1	28.4	27.5	27	26	26	30.2	22.7	94	99	85	88	84	83	88.8	16.3
5..	61.56	62	63.06	61.19	62.04	62.85	62.12	26.7	26.5	28.1	27.7	26	26.6	26.9	29.2	24	82	80	74	70	76	77	76.5	10.2
6..	62.30	62.14	63.11	60.91	61	61.58	61.84	26.8	26	27.4	27.1	25	24.8	26.2	28.6	23.8	76	76	71	76	92	92	80.5	25.4
7..	60.93	60.67	61.96	59.92	60.77	61.62	60.98	24.5	24.5	26.2	28	26.5	26	26	28.9	23.5	92	92	74	72	79	79	81.3	1
8..	61.46	61.50	63.43	61.34	61.75	62.60	62.01	26.4	26.4	23.5	28.4	26	26.1	26.1	29	23.3	80	82	96	75	87	85	84.2	16.3
9..	62.36	62.37	62.74	60.85	61.56	62.39	62.04	26	26	28.8	27.6	25.5	25.6	26.6	30.1	25	85	83	79	87	90	90	85.7	6.9
10..	61.95	61.81	62.44	61.18	61.11	61.93	61.74	24.7	25	26.7	24	26.3	25.3	25.3	27.6	23.4	91	91	82	91	88	89	88.7	49.2
11..	60.83	60.54	61.61	59.27	60.20	61.22	60.61	25.3	25.5	26.9	26	25.3	24	25.5	28.6	23	91	93	86	86	91	91	89.7	49.3
12..	60.37	59.92	60.34	58.71	59.65	60.95	59.99	25.3	25	28	26.4	24.4	23.3	25.4	28.9	22.8	91	91	74	84	97	95	88.7	41.4
13..	59.77	59.28	60.40	58.76	59.17	59.94	59.55	24	24.9	27.1	28	25.5	26	25.9	30	23.2	94	92	79	78	92	94	88.2	31.9
14..	59.04	58.93	60.17	58.27	58.71	59.84	59.16	24	24	25.4	26	25.8	25.7	25.2	27.4	23.1	95	97	88	88	93	93	92.3	41.5
15..	58.96	59.47	60.31	57.57	58.37	58.97	58.94	25.8	24.4	25	26	26	25.1	25.4	26.9	23.1	93	94	91	91	91	91	92.2	40.9
16..	58.22	58.47	59.24	57.09	58.30	59.12	58.41	24.6	25	26.5	28.5	27.1	25.5	26.2	30.9	24	92	92	88	79	83	87	86.8	19.8
17..	58.37	58.01	59.08	56.85	58.21	59.12	58.27	24.3	24.5	27.5	26.4	24.1	24.1	25.2	30.6	23.6	91	95	84	89	96	96	91.8	43.4
18..	58.12	57.92	58.46	56.04	57.22	58.13	57.65	24.1	25	27	24.9	24.3	24.2	24.9	29.5	23.5	96	96	88	92	96	96	94	45.7
19..	57.13	57.33	58.93	56.64	57.51	58.49	57.67	24.2	24	25.1	26	25.2	24.4	24.8	28	23.4	97	97	94	90	94	96	94.7	8.3
20..	57.67	57.74	58.57	56.36	57.42	58.33	57.68	23.6	23.1	29.7	30.5	26.5	25.7	26.5	31.5	22.9	97	98	72	72	88	91	86.3	.....
21..	57.38	57.53	58.68	56.66	57.66	58.73	57.77	24.6	23.1	29	29	27	25.1	26.3	31.8	22.9	94	97	79	75	84	88	86.2	2
22..	57.71	57.98	58.71	56.69	57.59	58.50	57.86	24.3	23.5	26.8	26.4	25.1	24.1	25	30.5	23.3	91	97	83	89	94	95	91.5	17.5
23..	57.92	58.63	58.78	56.76	57.44	58.49	58	23.4	22.9	27.4	28	25.8	24.7	25.4	30.1	22.5	96	97	85	82	88	91	89.8	2.5
24..	58.08	58.17	58.63	56.88	58.03	59.09	58.15	24.1	23.9	27.5	26.6	25	24.7	25.3	29.5	23.5	93	97	84	90	92	90	91	6.6
25..	58	58.31	59.28	57.76	58.93	59.83	58.68	24.1	25.5	29	29.3	26.5	23.9	26.4	30.3	23	88	87	68	69	73	79	77.3	.....
26..	58.94	58.75	59.15	57.74	58.81	59.30	58.78	22.5	21.6	29.4	27.9	24.4	23.6	24.9	31.5	21.4	87	96	74	82	92	94	87.5	9.4
27..	58.73	58.96	59.42	57.69	58.37	59.03	58.70	23.1	22.4	28	25.5	24.5	24.4	24.6	30	22.2	96	97	74	91	96	93	91.2	53.7
28..	58.04	58.04	58.97	57.11	57.88	58.94	58.16	24.1	25.4	28.7	27	26	25.3	26.1	31	23.3	91	89	76	83	88	88	85.8	12.2
29..	58.40	58.56	59.32	57.69	58.59	60.36	58.82	24.6	24.9	26	26.9	26.1	26	25.8	28.4	23.9	87	87	88	81	83	83	84.8	5.8
30..	59.18	59.01	59.62	57.65	58.30	59.47	58.87	25.5	25	28	29.3	26.9	23.8	26.4	30	22.6	84	83	73	62	75	81	76.3	.....
31..	58.78	58.89	59.44	57.21	57.73	58.81	58.48	22.5	22	29.4	28.9	25.5	24.4	25.4	31.5	21.9	88	96	72	69	88	91	84	4.8
Mean	59.21	59.29	60.14	58.14	59	59.95	59.29	24.4	24.2	27.5	27.4	25.8	25	25.7	29.7	23.1	90.6	92.3	80.5	81.5	88	89.3	87	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	739

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SSE	SbyE	EbyN	EbyN	ENE	Calm	18.2	47.5	99	33	197.7	8	Ci.-S.	S.-Cu.	6	Ci.-S.	E Cu.
2..	Calm	SbyE	WNW	NbyW	Calm	Calm	15.1	19.9	38.4	17.7	91.1	3	Ci.-S.	E Cu.	5	Ci.-S.	Cu. ENE
3..	SW	SW	WbyN	NbyW	ENE	Calm	20.6	20.9	64.1	52	157.6	6	Ci.-S.	S.-Cu.NNE	4	Ci.-S.	Cu. NE
4..	ENE	E	ESE	EbyN	ENE	ENE	50.5	80.5	187.5	145.6	464.1	10	.....	N. ENE	9	Ci.-S.	S.-Cu. ENE
5..	ENE	ENE	ENE	EbyN	ENE	NE	154.5	206.1	232.3	193.1	786	10	Ci.-S.	S.-Cu.ENE	10	Ci.-S.	S.-Cu. ENE
6..	ENE	ENE	ENE	ENE	ENE	ENE	129.5	147.3	147.6	167	591.4	10	Ci.-S.	S.-Cu.ENE	10	Ci.-S.	S.-Cu. ENE
7..	ENE	EbyN	EbyN	ENE	ENE	EbyN	162.5	189.1	149.7	109.4	610.7	10	Ci.-S.	Fr.-N.ENE	9	Ci.-S.	S.-Cu. E
8..	EbyN	EbyN	ESE	E	Calm	ENE	77.2	83.7	11.3?	50.7?	222.9	10	Ci.-S.	S.-Cu.ENE	10	Ci.-S.	S.-Cu. ENE
9..	EbyN	EbyN	ENE	ENE	ENE	ENE	103.3	130.9	150.5	110.2	494.9	10	Ci.-S.	S.-Cu.ENE	10	Ci.-S.	S.-Cu. ENE
10..	ENE	NE	EbyN	ENE	ENE	NE	96.6	88.5	69.8	116.9	371.8	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	N. NE
11..	ENE	EbyN	EbyS	EbyN	NE	ESE	108.3	131.5	166.5	118.3	524.6	9	Ci.-S.	N. ENE	10	Ci.-S.	N. ENE
12..	EbyN	EbyN	ENE	ENE	ESE	SE	119.1	128.7	71.3	48.9	368	10	Ci.-S.	S.-Cu.ENE	10	Ci.-S.	S.-Cu. ENE
13..	Calm	EbyN	ENE	EbyN	NE	NE	34.3	132	90.1	58.5	314.9	10	A.-Cu.	S.-Cu.ENE	10	Ci.-S.	S.-Cu. ENE
14..	SE	SE	ESE	SE	EbyN	ENE	20.3	66	31.7	69.7	187.7	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.-Cu. ENE
15..	ENE	ENE	NNE	Calm	ENE	SE	49.4	28.2	59.7	59.5	196.8	10	.....	Fr.-N.ENE	10	Ci.-S.	S.-Cu. NE
16..	ENE	ENE	NE	EbyN	ENE	NE	32.2	62.3	99.8	66	260.3	10	Ci.-S.	S.-Cu.ENE	9	A.-Cu.	S.-Cu. ENE
17..	Calm	EbyN	ENE	ESE	ENE	Calm	34.4	113.7	45.1	18.3	211.5	10	Ci.-S.	Fr.-N.ENE	10	Ci.-S.	N. ENE
18..	NNE	ENE	ESE	ESE	Calm	Calm	26.8	33.8	54.2	14.8	129.6	10	Ci.-S.	S.-Cu.ENE	10	Ci.-S.	Fr.-N. ENE
19..	NNW	Calm	Calm	N	EbyS	S	48.9	20.9	28.5	18.8	117.1	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N. S
20..	SE	SE	ESE	EbyN	SE	SE	14.5	55.2	101.4	26.6	197.7	9	Ci.-S.	S.-Cu.ENE	8	A.-Cu.	Cu. ESE
21..	SE	SSE	E	N	EbyN	NE	23.6	23	50.7	37	134.3	8	Ci.-S.	S.-Cu. EbyN	9	Ci.-S.	S Cu.
22..	Calm	SbyW	ENE	ENE	SE	SSW	13.9	31.2	51.3	16.9	113.3	8	Ci.-S.	S.-Cu.ENE	10	Ci.-S.	S.-Cu. E
23..	SSW	Calm	ENE	NbyW	ENE	SE	17.4	23.8	69.8	17.1	128.1	10	Ci.-S.	S.-Cu.ENE	10	Ci.-S.	S.-Cu. E
24..	SSE	Calm	E	NbyW	ENE	SE	18.2	22.5	55	88.8	184.5	10	Ci.-S.	S.-Cu.ENE	10	Ci.-S.	S.-Cu. ENE
25..	ENE	ENE	E	EbyN	EbyS	SbyE	73.7	127.9	96.6	27.6	325.8	8	Ci.-S.	S.-Cu. ESE	9	Ci.-S.	Cu. E
26..	SbyE	S	EbyN	E	Calm	SE	13.1	41.5	62.2	11.9	128.7	8	Ci.-S.	Cu. S	8	A.-Cu.	N. ENE
27..	SbyE	SbyE	ENE	ENE	NE	NE	18.2	41.3	81.9	117.3	258.7	9	Ci.-S.	S.-Cu. E	10	Ci.-S.	Fr.-N. ENE
28..	E	ENE	E	EbyN	ENE	SE	33.3	129.5	98.7	69.5	331	8	A.-Cu.	cu.-N. ENE	9	A.-Cu.	Cu.-N. E
29..	SE	EbyN	E	ENE	NE	NE	70	78.9	94.4	92.2	335.5	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.-Cu. ENE
30..	E	E	ENE	ENE	NE	SE	76.4	87.7	121.5	50.7	336.3	5	Ci.-S.	Cu. ENE	8	A.-Cu.	Cu. ENE
31..	SSE	Calm	SE	ENE	ENE	SE	16.9	37.8	67.1	15	136.8	9	Ci.-S.	S Cu.	9	Ci.-S.	S Cu. ENE
Mean	.....	.....	.....	.....	.....	.....	54.5	78.4	88.6	65.8	287.4	9	.....	.....	9.1	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,909.4	....	.....	.....	.....	.....	.....

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

FEBRUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.08	58.15	59.38	57.32	57.99	58.83	58.29	23.3	22.6	25.3	24.6	23.9	23.6	23.9	27.4	22.3	94	97	93	90	92	92	93	55.7
2..	57.99	58.24	58.71	56.67	57.84	59.19	58.11	23.8	23.7	28	28.4	24.9	24.4	25.5	29.6	23.1	92	92	77	73	89	91	85.7	39.9
3..	58.28	58.77	60.02	58.29	59.20	60.80	59.23	24.3	23.1	23.1	24.6	24	25.6	24.1	26.6	22.7	94	96	95	91	92	92	93.3	21.6
4..	60.40	59.72	61.07	59.47	60.22	61.67	60.42	23.7	23.7	26.5	27.2	26.1	25.8	25.5	29.7	22.3	91	90	74	75	79	81	81.7	.8
5..	60.84	60.70	61.80	60.19	60.96	61.96	61.08	25.6	25.5	27.5	28.4	26.5	25.2	26.4	30.6	24	82	83	74	70	76	80	77.5	3.1
6..	61.18	60.99	62.36	60.60	61.51	61.96	61.43	25.1	25.6	28	27.3	24.4	25.3	26	29	23.5	83	87	73	76	92	90	83.5	8.7
7..	60.40	60.64	61.74	59.76	60.46	61.82	60.80	25.5	25.9	27.2	28	26.5	24.9	26.3	29.1	23.8	88	85	79	77	80	84	82.2	7.4
8..	60.75	60.48	61.61	59.67	60.12	61.31	60.66	23.9	23.6	26.7	27.7	24.2	24	25	30.8	23.3	89	95	88	78	95	97	90.3	22.4
9..	60.71	60.90	61.58	59.40	60.08	60.86	60.59	23.9	23.8	25	25.7	24.2	23.2	24.3	28.2	23	91	97	93	92	97	98	94.7	40.4
10..	60.21	60.32	61.46	59.27	59.77	61.06	60.35	23.5	24.2	26.8	26.5	26.3	26	25.6	29.1	23	97	92	81	79	82	82	85.5	9.2
11..	60.20	60.07	60.84	58.64	59.74	61.05	60.09	24.9	23.3	29.6	30.4	26.6	23.8	26.4	31.7	22.8	....	97	66	61	78	93	79	3.5
12..	60.10	60.17	61.41	59.26	60.39	61.45	60.46	22.6	22.2	27.8	27.9	26.8	24.2	25.2	30.7	22	....	98	80	79	83	95	87	.....
13..	60.20	60.17	61	58.98	59.56	61.07	60.16	23.2	22.8	26.7	25.3	25.2	25	24.7	28.8	22.6	....	97	90	90	92	92	92.2	26.4
14..	60	59.96	60.66	58.67	60.03	60.98	60.05	24.7	23.9	27.8	26.2	24.5	24.4	25.2	29.3	23.3	....	97	82	88	90	93	90	28
15..	60.40	60.36	61.20	58.71	59.67	60.86	60.20	24	23.8	29.3	30.4	26.8	24.2	26.4	31.2	23.1	....	95	74	67	80	95	82.2	9.1
16..	60.30	60.28	60.94	58.51	59.09	59.64	59.79	23.4	23.8	28.7	30.2	26.8	25.8	26.4	31.7	23.2	....	97	76	68	80	88	81.8	.5
17..	59.20	59.18	60.83	58.13	58.29	59.51	59.19	24.5	23.8	26	27.5	26	25.8	25.6	29.7	23.2	....	97	85	76	86	85	85.8	1.1
18..	58.70	57.98	59.19	57.03	57.01	58.35	58.04	24.5	24.8	26.5	27	25.2	24.2	25.4	28.7	23.3	....	91	88	84	92	95	90	1.8
19..	57.70	57.73	58.33	56.56	57.98	58.91	57.87	23.5	22.7	30.1	30.8	26.3	24.5	26.3	31.7	22.4	....	97	68	69	88	94	83.2	.....
20..	58	58.35	59.45	57.36	58.29	59.55	58.50	23.6	22.8	29.5	30.8	27.3	25.1	26.5	32.3	22.6	....	97	75	70	82	90	82.8	.....
21..	59.50	59.78	60.56	58.59	59.26	60.56	59.71	24.2	23.8	26.7	28.5	26	24.2	25.6	29.3	23.6	....	96	80	79	81	93	85.8	13.2
22..	60.10	59.86	60.72	58.63	59.07	60.40	59.80	23.7	22.9	25.3	27.6	26.4	24.2	25	29.7	22.8	....	97	91	80	82	95	89	11
23..	59.20	59	59.56	57.42	57.84	59.03	58.68	23.6	23.2	28.5	26	25.3	24.2	25.1	29.3	23	....	97	83	91	88	96	91	22.2
24..	58	58.49	59.09	57.06	57.76	58.98	58.23	23.4	23.8	28	30.3	26.7	23.9	26	31.7	23	....	97	82	60	77	90	81.2	3.3
25..	58	58.30	58.97	56.76	57.62	58.96	58.10	25	23	28	30	26.8	26.2	26.5	31.5	22.1	....	95	79	64	80	86	80.8	6.6
26..	57.90	57.71	58.36	56.67	56.76	57.87	57.54	25.9	25.6	28.5	26	25.7	24.4	26	30.3	23.5	....	87	76	89	88	95	87	15
27..	57	57.38	57.98	55.97	56.83	57.35	57.08	23.6	23	28.9	30	26.3	24	26	30.8	22.8	....	97	78	66	86	95	84.4	18.9
28..	56.60	56.68	58.11	55.95	56.62	57.83	56.96	23.7	23.7	25	30.2	26.5	26	25.8	31.3	23	....	94	91	71	90	90	87.2	14.2
Mean	59.28	59.30	60.25	58.20	58.93	60.06	59.34	24.1	23.7	27.3	28	25.8	24.7	25.6	30	23	....	94.2	81.1	76.9	85.6	91	86	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	384

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SE	SE	E	EbyN	ENE	NE	16.1	24.4	48.6	71.8	160.9	10	Ci.-S.	s.-Cu. ENE	10	Ci.-S.	S.-Cu. E
2..	SE	SE	ENE	E	EbyN	SE	63.6	154	181.2	86.6	485.4	10	Ci.-S.	Fr.-N. ENE	10	A.-Cu.	s.-cu. EbyS
3..	SE	SE	ESE	E	EbyN	ENE	93.9	60.9	151.9	109.1	415.8	10	Ci.-S.	Fr.-N. E	10	Ci.-S.	S.-Cu. E
4..	EbyN	ESE	ENE	E	EbyN	ENE	30.6	177	178.6	126.8	513	9	A.-Cu.	s.-cu. ENE	10	A.-Cu.	s.-cu. ENE
5..	EbyN	E	ENE	EbyN	EbyS	ESE	98.5	146.4	115.6	60.9	421.4	9	A.-Cu.	s.-cu. ESE	10	Ci.-S.	S.-Cu. ENE
6..	EbyN	EbyN	EbyN	EbyN	EbyS	NE	114.3	193.4	167.1	134.4	609.2	10	Ci.-S.	s.-cu. ENE	10	Ci.-S.	S.-Cu. ENE
7..	ENE	ENE	ESE	EbyN	EbyN	ESE	138.7	123.3	173.8	71.6	507.4	10	A.-Cu.	S.-Cu.	10	Ci.-S.	s.-cu. EbyS
8..	S	ESE	EbyS	E	Calm	Calm	24.1	74.2	67.4	21.5	187.2	10	Ci.-S.	s.-cu. ESE	10	A.-Cu.	Cu.-N. E
9..	Calm	EbyS	Calm	ESE	Calm	Calm	23.9	30.9	42.3	13.2	110.3	10	.....	N. E	10	Ci.-S.	N. ENE
10..	Calm	EbyS	ENE	ENE	ENE	ENE	21.5	76.7	89.9	83.2	271.3	10	Ci.-S.	N. E	9	A.-Cu.	E Cu.-N. ENE
11..	.....	SE	ESE	ESE	ESE	Calm	50.2	69.4	95.8	42.4	257.8	5	Ci.	Cu.	3	Ci.	Cu. E
12..	.....	Calm	Calm	NNW	ENE	Calm	24.3	20.1	38	28.4	110.8	10	Ci.-S.	s.-cu. ENE	9	Ci.-S.	Cu. E
13..	.....	Calm	Calm	ENE	EbyS	EbyS	17.2	23.9	83.2	50.2	174.5	10	Ci.-S.	S.-Cu.	10	Ci.-S.	N. E
14..	.....	EbyS	ENE	EbyS	EbyS	Calm	55.5	97.9	127.17	83.7	364.2	10	Ci.-S.	N. E	8	Ci.	Cu.-N. ESE
15..	.....	Calm	E	E	Calm	Calm	72.1	84	83.4	14	253.5	10	Ci.-S.	S.-Cu. E	4	Ci.	Cu. E
16..	.....	Calm	ESE	EbyS	ESE	ESE	16.6	41	102.2	66.3	226.1	10	Ci.-S.	Fr.-N. E	5	A.-Cu. ESE	Cu. E
17..	.....	Calm	Calm	E	EbyN	EbyS	22.2	30.3	35.2	49.9	137.6	8	A.-Cu.	S.-Cu.	8	A.-Cu.	Cu. ENE
18..	.....	E	ESE	E	E	Calm	17.7	47.5	87.2	11.3	163.7	6	Ci.	S.-Cu.	10	Ci.-S.	Fr.-N. E
19..	.....	Calm	E	E	E	Calm	16.7	55	68.7	16.9	157.3	6	Ci.	Cu.	7	Ci.	Cu.-N. ENE
20..	.....	Calm	Calm	NNE	ENE	Calm	15	16.9	35.7	32	99.6	4	Ci.	S.-Cu.	3	Ci.	Cu.
21..	.....	Calm	Calm	ENE	ENE	Calm	15.5	31.4	72.4	32.2	151.5	10	Ci.	s.-cu. ENE	8	Ci.	Cu.-N. E
22..	.....	Calm	Calm	NNE	ENE	Calm	26.9	11.8	49.9	31.2	119.8	9	A.-Cu. NE	Cu.-N.	10	Ci.-S.	N.-cf. E
23..	.....	Calm	E	EbyS	EbyN	Calm	14	19.1	30.8	11.3	75.2	5	Ci.	S.-Cu.	10	Ci.-S.	N. E
24..	.....	Calm	EbyS	EbyS	ESE	SE	18.2	36.4	76.4	27.9	158.9	9	Ci.-S.	N.-cf. E	3	Ci.	Cu. E
25..	.....	Calm	Calm	EbyS	ESE	SE	53.6	25.5	67.6	91.1	237.8	10	A.-Cu.	N.-cf. E	8	A.-Cu.	N.-cf. E
26..	.....	E	ESE	ESE	ESE	Calm	98.5	93.3	64.1	22	277.9	8	A.-Cu. ENE	Fr.-Cu. E	9	A.-Cu.	N.-cf. ENE
27..	.....	Calm	EbyS	EbyS	E	Calm	18	68.4	134.2	46.9	267.5	8	A.-Cu.	Fr.-N. NE	4	Ci.	Cu. E
28..	.....	SE	EbyN	NNE	ENE	ENE	23.3	40	50.7	58.9	172.9	5	A.-Cu.	Cu.-N. E	3	.....	Cu.-N. E
Mean	.....	.....	.....	.....	.....	.....	42.9	66.9	90	53.4	253.2	8.6	.....	.....	7.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,088.5	....	.....	.....	....	.....	.....

NOTE.—The pressure and temperature for February 11 to May 21, at 2 a. m. are taken from a self-recording instrument.

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

MARCH, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.70	58.08	58.81	56.63	57.08	58.06	57.73	23.8	24	25.4	26.7	26.5	25.7	25.4	28.7	22.8	....	93	86	83	82	90	86.8	8.4
2..	58	57.62	58.31	56.18	56.63	57.74	57.41	24.7	25.3	27.7	26.8	26.3	24.8	25.9	30.3	24	....	91	78	88	88	95	88	31.4
3..	57.50	57.60	58.32	56.51	56.97	58.18	57.51	24.2	24.2	28	27.6	26.5	25.2	26	29.3	23.5	....	94	83	79	86	91	86.6	.9
4..	57.10	56.88	57.98	56.02	57.08	58.28	57.22	23.8	23.2	27.3	28.5	24.3	25	25.4	31.8	22.8	....	96	84	76	95	93	88.8	24.2
5..	57.75	57.95	57.97	55.99	57.08	58.65	57.56	24.4	23.5	29	30.8	26.4	26.3	26.7	31.8	23.2	....	97	79	70	85	87	83.6	1.8
6..	57.80	58.25	58.92	56.62	56.94	58.11	57.77	24.3	23.8	27.5	29.3	27.3	25.6	26.3	31.2	23.5	....	96	81	83	84	93	87.4	18.6
7..	57.30	58.12	59.05	56.85	57.05	58.38	57.79	23.8	24	29.2	29.7	27.5	26.5	26.8	31.3	23.1	....	94	78	72	82	86	82.4	3
8..	57.20	57.14	58.04	55.96	56.45	57.28	57.01	26.2	26.2	30	31.7	26.5	26.2	27.8	32.2	25.6	....	86	74	69	86	89	80.8	1.8
9..	57	57.09	58.16	56.09	57	58.46	57.30	24.5	23.5	30.7	30.7	27.3	26.5	27.2	32.1	22.7	....	96	71	72	85	90	82.8	.5
10..	57.75	58.31	59.31	57.07	56.73	58.36	57.92	25.7	23.8	27.7	27.3	27	26.2	26.3	29.2	23.6	....	96	79	84	83	86	85.6	11.4
11..	57.40	57.46	58.59	56.38	56.94	57.97	57.46	26.2	26	29.2	30.5	26.4	23.8	27	31.7	23.5	....	88	72	72	87	95	82.8	4.8
12..	57.50	57.45	58.41	56.54	57.01	57.73	57.44	23.4	22.7	29.8	30.5	27.4	26.8	26.8	31.7	22.5	....	97	74	73	83	87	82.8	.....
13..	57	57.46	58.67	56.78	57.81	59.52	57.87	25	24.1	29.4	31.2	25.6	24	26.6	32.7	23	....	95	75	72	93	94	85.8	6.8
14..	58.20	58.39	58.97	58	58.56	59.86	58.66	22.3	22.3	28.8	28	26.5	23.3	25.2	32.3	22.1	....	97	80	80	86	96	87.8	5.6
15..	59.45	60.02	61.10	59.31	60.13	60.56	60.10	23	23.2	26.6	25.8	24	23	24.3	29.9	22.3	....	96	81	88	90	96	90.2	30.1
16..	59.70	59.73	60.27	57.86	58.61	59.60	59.30	22.2	21.5	28.6	29	27.2	25.5	25.7	31.9	21.2	....	98	82	79	83	90	86.4	1.8
17..	59.20	59.51	60.19	58.38	58.50	59.83	59.27	23.8	23.2	28.8	26.7	26.2	24.2	25.5	30.7	23	....	97	79	86	85	94	88.2	18
18..	59	59.23	60.11	58.29	58.70	59.93	59.21	22.8	22.7	30.3	30.6	25.4	24.3	26.1	32.3	22.5	....	97	74	73	92	94	86	6.6
19..	58.90	59.23	59.76	57.64	58.17	59.75	58.91	23.7	23.6	27.8	31.5	27.7	24.8	26.5	32.3	22.8	....	97	81	73	85	95	86.2	.5
20..	59.10	59.41	60.27	58.06	58.54	59.81	59.20	23.9	23	28.7	28.9	27.5	25.3	26.2	31.8	22.5	....	96	75	82	87	95	87	11.7
21..	59.20	59.51	60.46	58.76	59.65	60.89	59.74	24	23.6	30	30	26.7	25.2	26.6	31.8	23.2	....	97	79	84	89	92	88.2	10.4
22..	60.50	60.60	61.34	59.19	59.55	60.49	60.28	23.9	23.6	29.2	29.8	27.6	25.5	26.6	31.8	23.3	....	97	78	83	89	92	87.8	.3
23..	59.70	59.57	60.20	58.70	58.71	59.50	59.40	23.9	23.8	30.6	28.8	27.6	25.6	26.7	32.2	23.2	....	97	79	89	89	89	88.6	4.6
24..	59.20	59.27	60.06	58.06	58.61	60.09	59.22	24.6	23.4	30.5	29.7	27.7	25	26.8	32.2	23	....	95	72	84	75	90	83.2	.3
25..	59.30	59.45	60.40	58.44	58.79	59.99	59.40	24.5	26	31	31.8	27.6	26.4	27.9	32.8	23.2	....	81	64	59	74	79	71.4	.....
26..	59.30	59.36	59.88	57.65	58.55	60.01	59.12	24.9	26.3	30.2	29.5	26.3	26.3	27.2	32.7	23.2	....	80	75	80	86	82	80.6	3.8
27..	59.30	59.93	60.66	59.09	59.56	60.64	59.86	26	23.5	30.4	30.3	26.5	24.6	26.9	32.7	22.9	....	96	77	83	88	95	87.8	22.1
28..	59.90	60.59	61.29	59.60	60.24	61.41	60.50	24.5	25	27.4	28.3	26	24.2	25.9	30.7	23.2	....	84	85	79	90	94	86.4	10.4
29..	60.50	60.51	61.31	59.34	59.81	61.01	60.41	23.7	23.3	29	30.6	26.7	24.5	26.3	32.3	22.5	....	95	76	85	87	96	87.8	.8
30..	60.10	60.47	60.71	58.16	58.72	60.31	59.74	23.8	23.6	31.1	31.2	27.8	25.2	27.1	32.7	22.1	....	97	78	63	75	88	80.2	.....
31..	59.40	59.99	60.51	58.26	58.67	60.30	59.52	23.1	22.7	30.7	31.7	28.2	25.5	27	33	22.2	....	96	67	62	79	89	78.6	.....
Mean	58.61	58.84	59.61	57.63	58.16	59.38	58.70	24.1	23.8	29.1	29.5	26.7	25.2	26.4	31.6	23	....	93.9	77.3	77.6	85.4	91	85.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	240.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	.....	EbyS	E	EbyS	ENE	E	24.1	58.4	70.3	71	223.8	10	Ci.-S.	N.-cf. E	10	Ci.-S.	N.-cf. E
2..	.....	E	EbyS	ESE	E	E	73.8	86.6	41.5	38.3	240.2	10	Ci.-S.	N.-cf. E	9	A.-Cu.	N -cf. E
3..	.....	SE	E	EbyS	E	SE	26.8	72.4	71.6	42.1	212.9	10	Ci.-S.	N.-cf. ESE	10	Ci.-S.	N.-cf. E
4..	.....	Calm	Calm	E	EbyS	ESE	13.5	38.4?	69.8	61.4	183.1	6	Ci.	S.-Cu. E	10	Ci.-S.	N. E
5..	.....	Calm	E	E	E	ESE	43.8	45.6	94.4	83.4	267.2	10	Ci.-S.	Fr.-N. E	5	A.-Cu.	Cu.-N. E
6..	.....	Calm	EbyS	EbyS	E	Calm	46.2	62.2	105.7	65.5	279.6	5	A.-Cu.	E s.-cu. ENE	8	A.-Cu.	Cu.-N. ENE
7..	.....	EbyS	E	E	E	E	22.2	78.9	128.1	116.1	345.3	10	Ci.-S.	N. E	5	A.-Cu.	Cu.-N. NE
8..	.....	E	E	E	E	E	111.5	125.2	111.3	72.4	420.4	6	Ci.	Cu.-N. NE	7	A.-Cu.	Cu.-N. ESE
9..	.....	SSW	E	E	E	E	30.6	40.8	110.4	63.6	245.4	5	A.-Cu.	Cu.-N. E	6	Ci.	Cu.-N. E
10..	.....	Calm	E	ESE	E	E	36.2	51.5	71.9	96.4	256	6	Ci.	S.-Cu.	10	Ci.-S.	N.-cf. NE
11..	.....	E	E	E	E	Calm	85.9	156.1	135.2	28.7	405.9	5	Ci.	Cu. E	5	Ci.	Cu.-N. NE
12..	.....	Calm	E	E	E	E	20.7	81	127.1	78.4	307.2	6	Ci.-S.	Cu.	8	Ci.	Cu.-N. NE
13..	.....	SW	E	ESE	SE	SE	32.7	34.9	61.7	32.8	162.1	10	Ci.-S.	Fr.-N. E	10	Ci.-S.	Cu.-N. E
14..	.....	Calm	Calm	ENE	ENE	Calm	15.3	25.1	66.8	29.6	136.8	10	Ci.	S.-Cu. E	8	A.-Cu.	Cu.-N. NE
15..	.....	Calm	NNW	N	ENE	Calm	19.3	15.5	70.2	12.1	117.1	9	A.-Cu.	Cu. NE	10	Ci.-S.	N. NE
16..	.....	Calm	EbyN	E	E	Calm	16.9	36	90.1	57.9	200.9	3	Ci.	Cu.	8	A.-Cu.	Cu.-N. NE
17..	.....	Calm	Calm	Calm	ESE	Calm	16.4	15.1	56.9	17.1	105.5	4	Ci.	cu.-N. ENE	8	A.-Cu. NE	Fr.-N. E
18..	.....	Calm	E	E	SE	Calm	21.9	48	80.2	24.6	174.7	5	A.-Cu.	S.-Cu. E	8	A.-Cu. ENE	Cu.-N. E
19..	.....	Calm	ESE	E	E	Calm	18.2	52.5	93	56.6	220.3	4	A.-Cu.	Cu. E	3	.....	Cu.
20..	.....	Calm	E	NNW	EbyN	Calm	15.9	37	43.3	45.3	141.5	10	A.-Cu.	N.-cf. E	4	A.-Cu. NE	Cu. ENE
21..	.....	Calm	EbyS	E	E	E	15.1	34.9	75.6	36.2	161.8	9	A.-Cu.	N.-cf. E	5	A.-Cu. E	Cu.-N. ENE
22..	.....	E	Calm	ENE	E	Calm	10.5	20.9	82.6	36.8	150.8	4	.....	Cu. NE	3	.....	Cu.
23..	.....	Calm	E	NW	EbyN	Calm	18.7	64.7	78.9	53.9	216.2	8	A.-Cu.	Fr.-N. E	8	.....	Cu.-N. E
24..	.....	Calm	E	E	E	Calm	22.3	47.2	106.4	44.8	220.7	10	.....	Fr.-N. NE	8	Ci.	Cu.-N. NE
25..	.....	E	E	E	E	E	35.7	91.7	91.7	89.5	308.6	3	Ci.	Fr.-Cu. NE	4	Ci.	Cu. NE
26..	.....	E	E	E	E	E	42.3	100.3	120.7	82.9	346.2	8	Ci.	Cu. NE	8	A.-Cu.	Cu.-N. E
27..	.....	Calm	ESE	E	E	Calm	27.4	66.3	71.9	14.8	180.4	5	Ci.	Cu.-N. NE	8	A.-Cu. NE	Cu.-N. E
28..	.....	E	E	SSE	Calm	SSE	72.4	64.9	55.2	18.2	210.7	9	A.-Cu.	cu.-N. ENE	10	A.-Cu. NE	Fr.-N. ENE
29..	.....	Calm	E	E	SE	Calm	11.8	34.1	46.7	12.1	104.7	8	A.-Cu.	Cu. ENE	5	A.-Cu.	Cu. E
30..	.....	Calm	E	E	EbyN	SSE	18	40.7	64.4	43.1	166.2	8	A.-Cu.	Cu. E	4	Ci.	Cu. E
31..	.....	SSE	E	E	E	E	22.8	43.5	95.	47.7	209	4	Ci.	Cu.	8	A.-Cu. NE	Cu. E
Mean	.....	.....	.....	.....	.....	.....	31.9	57.1	83.5	50.8	223.3	7.1	.....	.....	7.2	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,921.2	....	.....	.....	....	.....	.....

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

APRIL, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	59.20	59.77	60.24	57.96	58.56	59.89	59.27	24.4	24	31	30	27.5	26.6	27.2	33.1	23.2	....	96	67	73	84	86	81.2	.....
2	59	58.68	59.14	57.39	58.06	59.61	58.65	24.4	23.8	31.8	30.3	26.3	25	26.9	33.6	23.6	....	96	65	72	90	92	83	10.7
3	58.40	58.73	59.61	57.46	58.09	59.49	58.63	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
4	58.90	58.98	59.71	57.87	58.33	59.79	58.93	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	6.6
5	58.90	58.92	59.95	57.81	58	59.14	58.79	24.3	24	27.7	30.2	27.4	26.7	26.7	31.2	23.8	....	91	82	69	78	82	80.4	.5
6	58.30	58.29	59.34	57.61	57.98	59.48	58.50	26.3	25.2	25.4	25.3	25.3	24.5	25.3	27.8	23.7	....	88	90	85	85	90	87.6	19.2
7	58.90	58.48	59.07	56.49	57.21	59.12	58.21	24.3	24.2	26.1	29.2	28	25.8	26.3	30.8	22.8	....	90	84	71	71	85	80.2	.3
8	57.50	57.57	58.46	56.30	57.06	58.91	57.63	24	23.4	28	28.6	27.7	26.3	26.3	30.8	23.1	....	92	79	73	78	85	81.4	.5
9	58.20	57.44	58.80	56.80	57.84	59.24	58.05	25.1	24	29.2	30.4	28.4	25.9	27.2	31.7	23.5	....	89	71	65	71	85	76.2	.....
10	58.30	58.39	59.44	56.89	57.91	58.97	58.32	24	23.7	27.9	30.5	28	24.7	26.5	32.1	23.5	....	91	77	66	70	86	78	9.5
11	57.90	57.72	58.29	56.35	56.94	58.36	57.59	24.6	24.2	28.7	26.8	26.7	24.8	26	31.2	23.6	....	92	71	84	81	90	83.6	.....
12	57.60	57.50	58.18	56.06	56.64	58.33	57.38	23.6	23	29.2	30	27.9	25.6	26.6	31.2	22.3	....	96	70	67	79	88	80	.....
13	57.90	58.03	58.83	57.19	57.76	59.34	58.18	24.1	23	29.4	30.3	28	25.5	26.7	31.4	22.8	....	96	68	68	82	92	81.2	.....
14	58.90	58.99	59.34	57.49	58.41	59.92	58.84	24	23.3	28.8	30	28	25.2	26.6	31.2	22.8	....	97	76	69	76	92	82	.....
15	59	59.08	59.11	56.64	57.52	58.84	58.36	24	23.3	29.2	30.3	28.2	24.8	26.6	31.3	23.1	....	97	70	70	76	89	80.4	.....
16	58.30	58.33	58.17	56.38	57.01	58.43	57.77	23.7	23	29.3	30.7	28.2	25.4	26.7	32.2	22.3	....	96	67	64	74	90	78.2	.....
17	57.60	58.42	58.98	56.83	57.63	58.79	58.04	24.1	23	30	30.8	28.2	25.8	27	32	22.6	....	95	63	65	81	89	78.6	.....
18	58.30	58.68	59.17	57	57.26	58.57	58.16	24.2	23.8	30.3	30.7	28.5	26.9	27.4	32.3	23.1	....	95	66	66	79	83	77.8	.....
19	58	58.62	59.09	56.81	57.31	58.84	58.11	26.3	24.2	29.4	30.7	27.8	27	27.6	31.3	23.7	....	94	68	69	77	84	78.4	.....
20	58.30	58.45	58.74	56.54	56.91	58.07	57.84	25.1	24	30	30.3	28.3	27.7	27.6	31.8	23.6	....	95	70	70	77	82	78.8	10.4
21	57.30	57.31	58.33	55.86	56.80	58.13	57.29	26.4	24.4	25.8	27.8	26.8	25.7	26.2	29.3	24	....	97	93	82	86	92	90	18.6
22	57.85	58.15	58.70	56.95	57.42	58.03	57.85	24.5	24	28	29.8	27.3	24.2	26.3	30.5	23.5	....	96	79	71	82	96	84.8	2.3
23	57.30	57.26	57.85	56.20	57	58.60	57.37	25.3	24.5	29.5	29.9	28	26.2	27.2	30.7	23.9	....	93	75	73	77	88	81.2	.3
24	57.70	57.87	58.64	56.34	57.51	58.78	57.81	24.5	23.7	29.8	30.4	28.2	25.4	27	31.5	23.3	....	96	72	69	77	93	81.4	.....
25	57.80	58.23	59.11	57.28	57.61	59.03	58.18	24.2	23.7	29	30.5	28.4	25.7	26.9	31.8	23.3	....	96	78	67	78	90	81.8	.....
26	57.80	57.68	58.04	56.61	57.11	58.06	57.55	24.2	23.8	29.2	29.8	28.2	25.5	26.8	31.2	23.3	....	96	76	73	77	89	82.2	.....
27	57.40	57.40	58.59	56.23	56.34	58.27	57.37	23.9	22.5	29	30.3	28.7	25.3	26.6	31.7	22	....	94	71	68	74	91	79.6	.....
28	57.80	57.73	58.16	55.91	56.69	57.96	57.38	24.1	23.3	29.7	30.6	28.5	25.4	26.9	32.1	23	....	95	68	69	78	86	79.2	.....
29	57.30	57.48	57.74	55.64	56.20	57.76	57.02	24	22.7	29.3	30.5	28.5	26	26.8	31.3	22.3	....	94	62	68	75	86	77	.....
30	56.90	56.99	57.71	55.55	56.88	58.01	57.01	24.4	23.3	30.	31	28.5	26	27.2	31.4	22.8	....	95	70	64	74	88	78.2	.....
Mean	58.08	58.17	58.82	56.75	57.40	58.79	58	24.5	23.7	29	29.8	27.8	25.7	26.8	31.4	23.2	....	94.2	73.1	70.4	78.1	88.2	80.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	78.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	.....	Calm	EbyS	NNW	EbyN	Calm	11.9	49.9	40.8	46.1	148.7	3	.....	Cu. E	2	.....	Cu.
2	.....	Calm	E	E	ESE	SSE	21.4	52.1	78.6	15.8	167.9	3	.....	Cu. E	8	.....	Fr.-N. E
3	.....	Calm	E	ESE	E	ESE	17.9	55.7	93.3	23.1	190	4	Ci.	Cu. E	3	Ci.	Cu. E
4	.....	S	E	E	Calm	Calm	18.8	28.8	66.8	23.6	138	8	Ci.	S.-Cu. E	8	Ci.	Cu. E
5	.....	Calm	Calm	Calm	EbyN	E	7.8	15.9	48.8	94.4	166.9	10	Ci.-S.	N.-cf. NE	8	A.-Cu.	Cu. ENE
6	.....	ENE	SE	Calm	Calm	Calm	52.9	48.5	22.2?	14.3	137.9	10	Ci.-S.	N.-cf. NE	10	Ci.-S.	N.-cf. E
7	.....	E	ESE	NNW	E	Calm	34.3	45.9	27.4	16.3	123.9	10	Ci.-S.	Fr.-N. E	4	Ci.	Cu.
8	.....	S	E	ENE	EbyS	SE	17.7	27.7	75.1	15.3	135.8	8	A.-Cu. E	Cu.-N. NE	8	Ci.	Cu.-N. E
9	.....	Calm	EbyN	E	E	SE	20.4	68.1	87.7	23.9	200.1	3	Ci.	S.-cu. ENE	4	Ci.	Cu.-N. E
10	.....	Calm	E	E	SE	Calm	14.5	62.2	98.2	41.8	216.7	3	Ci.	Fr.-Cu. E	4	.....	Fr.-Cu. ENE
11	.....	SE	E	E	ESE	SE	25.7	69.2	82.1	25.9	202.9	4	Ci.	Cu. ENE	8	A.-Cu. ENE	Cu.-N. E
12	.....	SSE	EbyN	E	ESE	Calm	15.3	56.9	86.3	27.4	185.9	6	Ci.	Cu. E	5	Ci. SE	Cu.
13	.....	ESE	ESE	E	E	SE	8.9	54.5	91.7	24.7	179.8	6	Ci.	Cu. E	3	Ci.	Cu. E
14	.....	SSE	E	ENE	E	SE	16.3	52.3	60.4	29	158	5	Ci.	Cu. E	8	Ci.	Cu. E
15	.....	SSE	E	E	E	SE	17.9	51.2	90.7	26.4	186.2	6	Ci.	Cu E	4	Ci. S	Cu. E
16	.....	S	E	E	E	SE	23.3	56.3	78.7	22.8	181.1	3	Ci.	Cu. E	4	Ci.	Cu. E
17	.....	S	E	E	EbyN	SE	19	30.6	71.4	31.2	152.2	4	Ci.	Cu. ENE	5	Ci.	Cu. E
18	.....	Calm	E	E	E	SE	14.3	57.4	101.1	89.5	262.3	3	Ci.	Cu.	3	Ci.	Cu.
19	.....	Calm	E	ESE	ESE	ESE	46.9	71.6	101.4	55.5	275.4	4	Ci.	Cu. E	5	Ci.	Cu. E
20	.....	Calm	E	E	E	E	13.7	56.3	120.1	69.4	259.5	4	Ci.	Cu. E	6	Ci.	Cu.-N. ESE
21	.....	E	S	E	E	Calm	34.9	29.6	103.3	36.4	204.2	5	A.-Cu. ENE	Cu.-N. E	8	A.-Cu.	Cu.-N. E
22	.....	SSW	EbyS	E	E	SSE	14.8	41.2	65.7	15	136.7	10	Ci.-S.	Fr.-N. ESE	8	Ci.	Cu.-N. ESE
23	.....	SSE	E	E	E	SSE	37.8	63.9	108.3	36.4	246.4	8	Ci.	Cu.-N. ENE	6	Ci.	Cu.-N. ENE
24	.....	SSW	E	E	E	Calm	25.2	52.6	108.9	21.9	208.6	5	Ci.	Cu. E	3	Ci.	Cu. E
25	.....	SE	E	E	EbyS	Calm	16.9	42.8	74.6	19	153.3	4	Ci.	S.-Cu.	8	A.-Cu. NE	Cu.-N. ENE
26	.....	Calm	E	N	E	SE	15.5	24.4	42.3	33	115.2	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	Cu. E
27	.....	SW	NNE	NW	E	SSE	19.8	20.1	29	15.1	84	10	Ci.-S.	S.-Cu. ENE	4	Ci.	Cu. E
28	.....	SSE	Calm	E	E	Calm	21.1	17.4	47.2	20.6	106.3	10	Ci.	S.-Cu. E	5	Ci.	Cu. E
29	.....	SSW	E	E	E	SE	15	35.2	77.9	34.9	163	4	Ci.	Cu.	3	Ci.	Cu. E
30	.....	SSE	E	E	E	SE	15.9	51.8	56.1	41	164.8	5	Ci.	S.-Cu.	6	Ci. NE	Cu. ENE
Mean	.....	.....	.....	.....	.....	.....	21.2	46.3	74.5	33	175.1	5.9	.....	.....	5.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	....	....	....	....	5,251.7	....	.....	.....	....	.....	.....

NOTE.—The temperatures for the 3d and 4th are omitted as the thermometer shelter was being repaired. The temperatures for the 5th to 10th have been taken from a self-registering apparatus.

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

MAY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.40	57.65	58.72	56.49	58.01	59.12	57.90	25	24.4	30.2	30.7	28.2	26.2	27.4	31.2	23.8	....	94	78	71	80	90	82.6	.....
2..	57.50	57.41	58.56	56.30	57.53	58.86	57.69	25.3	25	29.4	30.3	28.3	26.7	27.5	31.1	24.6	....	94	68	74	85	90	82.2	.....
3..	57.80	57.61	58.11	55.69	56.94	58.61	57.46	25.3	24.7	30.3	31.8	28.2	25.5	27.6	32	24.3	....	96	68	61	74	88	77.4	.....
4..	57.60	57.67	58.85	56.71	57.16	59.03	57.84	24.4	23.3	29.2	29.8	27.6	26	26.7	30.4	23	....	95	70	63	74	84	77.2	.....
5..	58.20	58.18	59.20	56.95	57.66	59.48	58.28	25.4	24.5	29.6	31	28.8	27	27.7	31.3	23.6	....	93	74	69	79	88	80.6	.....
6..	58.50	58.68	59.21	57.11	58.68	59.16	58.56	25.5	25.2	25.7	28.7	26	25	26	29	24	....	92	93	78	88	93	88.8	2.8
7..	58.25	57.75	58.95	56.43	57.54	59.06	58	24.7	23.8	28.9	29.9	28.5	26.2	27	30.7	23.4	....	96	74	70	79	90	81.8	.....
8..	57.80	58.38	58.91	56.99	58.01	59.94	58.34	25.1	24.2	29.7	31.3	28.9	26.7	27.6	32	23.6	....	96	77	70	75	89	81.4	.....
9..	58.90	58.99	59.26	56.90	57.84	59.93	58.64	24.7	24.5	29	31	28.8	27.7	27.7	32.5	23.6	....	92	78	61	79	83	78.6	.....
10..	58.95	59.01	59.06	56.78	57.36	59.40	58.43	26.2	24.3	29.8	30	28.8	26	27.5	31.4	24	....	93	68	73	76	89	79.8	.....
11..	58.30	57.87	58.18	56.18	57.36	59.13	57.84	25	24.8	29.8	30	27.5	25.5	27.1	31	23.9	....	93	71	69	84	92	81.8	2.5
12..	58.50	58.59	59.31	57.44	58.30	59.49	58.60	24.8	24	29.4	30.2	27	26	26.9	30.7	23.6	....	93	74	68	88	92	83	.....
13..	58.70	59.33	60.19	58.06	58.64	59.99	59.15	24.8	24.2	28.8	30	28.9	25.6	27	31.5	23.6	....	94	80	68	75	89	81.2	.....
14..	59.50	59.62	60.38	58.23	59.14	60.27	59.52	24.3	23.6	29.2	31.4	28.6	25.8	27.2	31.6	23.2	....	95	74	65	79	88	80.2	.....
15..	59.90	60.66	60.75	58.59	59.34	60.56	59.97	24.7	24.4	29	29.3	28	25.7	26.8	30.6	23.3	....	92	78	76	79	90	83	.....
16..	59.40	59.89	60.24	57.91	58.96	60.06	59.41	24.3	23.3	30.3	30.7	28.7	27	27.4	31.4	23	....	95	71	69	78	82	79	.....
17..	59.20	59.40	60.19	58.13	59.36	60.11	59.40	24.9	24.3	30	29.8	28.4	27.7	27.5	30.7	23.8	....	93	73	73	78	83	80	.....
18..	59.70	59.94	60.89	58.28	58.67	59.87	59.56	27.4	25	28	30.7	27.8	25.7	27.4	31	24.5	....	92	81	72	86	94	85	1.8
19..	59	58.81	59.44	57.59	57.74	58.75	58.56	24.9	24.4	30.2	27.7	26.5	25.3	26.5	32.1	23.8	....	96	79	84	84	93	87.2	3.9
20..	57.50	57.68	58.99	56.62	57.94	58.93	57.94	25	24.6	25.7	28.7	27.3	26.4	26.3	29.3	24.3	....	97	86	69	78	81	82.2	1.3
21..	57.80	57.47	58.48	56.50	57.09	58.67	57.67	24.6	24.2	29.5	30	27.9	26	27	31.1	23.2	....	93	72	75	81	92	82.6	8.4
22..	57.68	57.85	58.76	57.61	58.28	59.10	58.21	25.3	24.4	29.4	27.6	24.2	23.9	25.8	31.3	23.2	90	97	72	82	94	92	87.8	3.3
23..	58.78	58.94	59.53	57.91	58.74	59.75	58.94	24	23.5	29.6	30.5	28.5	25.2	26.9	31.5	23	92	96	55	68	77	90	79.7	.5
24..	58.72	58.94	59.41	57.88	58.04	58.97	58.66	24.1	23.7	28.8	30.4	28	25.6	26.8	31.3	23	91	95	73	72	81	88	83.3	.....
25..	58.32	58.38	58.67	56.91	57.64	59.12	58.17	24.5	24	29.5	29.9	28.1	24.6	26.8	30.9	23.7	88	91	76	72	79	93	83.2	2.3
26..	58.43	58.64	58.99	57.05	57.48	58.57	58.19	24.4	24	29.2	31.1	28.5	26.4	27.3	31.4	23.2	92	96	76	71	78	89	83.7	.....
27..	58.27	58.93	59.38	58.33	58.17	59.17	58.71	24.7	24.1	29	29.8	26	25.5	26.5	30	24	92	96	78	74	86	92	86.3	.....
28..	58.65	58.34	58.90	57.11	57.74	58.72	58.24	24.7	24.6	30	30.7	28	26.1	27.4	31.7	23.5	92	92	74	69	77	91	82.5	.....
29..	57.94	58.11	58.26	56.05	56.58	58.02	57.49	25.4	25	29.1	30.6	28.3	26.4	27.5	31.7	24.4	89	92	76	70	75	92	82.3	4.1
30..	57.93	58.42	58.78	57.02	58.74	59.33	58.37	25.3	24.3	27.3	28	24.5	23.9	25.6	29	23.4	91	97	82	77	94	95	89.3	14
31..	58.48	58.11	59.19	57.46	58.20	59.56	58.50	23.2	22.8	28.3	30.1	29.1	26	26.6	31.4	22.7	94	97	75	71	77	92	84.3	.....
Mean	58.44	58.56	59.22	57.20	58.03	59.31	58.46	24.9	24.2	29.1	30.1	27.8	25.9	27	31.1	23.6	....	94.3	75	71.1	80.5	89.5	82.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	.....	SSW	E	E	SW	SE	21.4	11.1	68.9	17.7	119.1	5	Ci.	Cu.	4	Ci. NE	Cu.
2..	.....	Calm	E	N	E	Calm	13.5	49.9	63.4	33.2	160	8	Ci.	Cu. • NE	6	Ci. NE	Cu.
3..	.....	Calm	E	E	Calm	SE	9.5	54.9	87.2	17.2	168.8	8	Ci.	Cu. NE	5	Ci.	Cu. NE
4..	.....	Calm	Calm	WNW	Calm	Calm	19	20.4	17.2	12.3	68.9	8	Ci. SE	Cu.	5	Ci.	Fr.-Cu. W
5..	.....	Calm	E	E	E	E	11.1	61.5	131.8	39.7	244.1	6	Ci.	Cu.	3	Ci. SSW	Cu. S
6..	.....	Calm	S	ESE	Calm	ESE	15.3	32.5	51.7	11.6	111.1	8	Ci.-S.	Fr.-N. SW	3	Ci.-S.	Fr.-N. SW
7..	.....	Calm	Calm	NNW	ESE	Calm	16.6	20.3	56.1	19.3	112.3	8	Ci. S	S.-Cu.	5	Ci. S	Cu.
8..	.....	Calm	E	E	ESE	Calm	15.9	53.6	88.2	17.1	174.8	4	A.-Cu. SE	S.-Cu.	3	Ci.	Cu.-N.
9..	.....	SW	NNW	NNW	E	Calm	21.1	35.2	33.2	27.4	116.9	3	Ci.	Cu.	3	Ci.	Cu.
10..	.....	SE	NW	NW	Calm	Calm	15.3	23.6	24.6	14.5	78	3	Ci.	S.-Cu.	3	Ci.	Cu.
11..	.....	SSW	NNW	WNW	SW	SSW	22.3	34.8	39.9	24.4	121.4	3	Ci.	Cu.	4	Ci.	Fr.-Cu. W
12..	.....	Calm	WbyN	WbyN	Calm	SSW	18.5	34	36	15.5	104	6	Ci. SE	Cu.	8	Ci.-S.	Cu.-N. NW
13..	.....	Calm	W	NW	SE	Calm	17.9	26.2	29.3	11.8	85.2	10	Ci.-S.	S.-Cu. NW	4	Ci.	Cu. SW
14..	.....	S	E	E	E	Calm	19.3	47.5	86.1	23.3	176.2	3	Ci.	Cu.	4	Ci.	Cu.-N. ESE
15..	.....	SSW	E	E	E	Calm	23	44.6	106.2	25.7	199.5	6	Ci. SE	Cu.	8	Ci.-S.	Cu. NE
16..	.....	SSE	E	E	ESE	ESE	16.1	67.6	125.5	32.4	241.6	4	Ci.	Cu.-N. E	3	Ci.	Cu. E
17..	.....	S	E	E	ESE	E	16.6	94.3	106.2	49.9	267	4	Ci. SSE	Cu.	8	Ci.	Cu.-N. E
18..	.....	E	E	E	E	Calm	33.8	53.1	90.1	16.9	193.9	8	Ci.-S.	Fr.-N. E	8	Ci.	Cu.-N. E
19..	.....	Calm	E	N	E	Calm	11.1	13.2	49.4	18.8	92.5	3	Ci.	Cu.	8	Ci.	Cu.-N. E
20..	.....	Calm	SE	ESE	ENE	ENE	8.7	34.8	[a]58.4	[b]26	[c]127.9	10	Ci.-S.	N.-cf. E	8	Ci.-S.	Cu.-N. E
21..	.....	Calm	ENE	NW	ENE	ENE	16.3	59	30.4	29.8	135.5	3	Ci.-Cu.	Cu.-N.	5	Ci.-S.	Cu.-N. E
22..	ENE	Calm	ENE	ENE	SSE	ESE	11.6	9.1	73	17.9	111.6	4	Ci.-S.	Cu.-N. E	5	.....	Cu.-N. E
23..	ESE	SSE	ESE	ENE	ENE	SSE	19.8	20.3	39.7	28.5	108.3	4	Ci.-S.	Cu.	3	.....	Cu.-N.
24..	Calm	SSE	W	NE	E	E	17.5	17.1	29.5	11.6	75.7	6	Ci.-S. NW	Cu.-N.	8	Ci.-S. NNW	Cu.-N. E
25..	E	SSW	ENE	N	E	S	18.2	18.2	33.2	39.9	109.5	3	ci.-s. WNW	Cu.-N.	4	Ci. NW	Cu.-N. E
26..	SW	SW	ENE	E	ENE	ESE	19.1	24.3	86.9	22.5	152.8	3	Ci.-S. E	Cu.	4	Ci.-S.	Cu.
27..	ESE	SW	Calm	E	S	SW	20.1	19.3	79.4	16.4	135.2	3	Ci. E	Cu.-N.	9	.....	Cu.-N. ENE
28..	E	Calm	E	NNW	E	Calm	16.7	20.1	37.2	15	89	9	.....	cu.-N. ENE	4	Ci.-S. E	Cu.-N. ENE
29..	Calm	Calm	E	E	NE	SSE	11.3	26.2	68.2	29	134.7	9	Ci.	cu.-N. ENE	4	Ci.	Cu.-N. E
30..	Calm	SW	NW	NW	SSW	Calm	17.1	35.2	39.1	40.5	131.9	10	.....	N.	10	.....	Cu.-N. E
31..	SW	SW	E	NW	Calm	SE	19.3	25.7	19.3	14.2	78.5	8	Ci.-S. E	Cu.	3	Ci.-S.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	17.2	35.1	60.8	23.2	136.3	5.8	.....	.....	5.2	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,225.9	....	.....	.....	.....	.....	.....

[a] 1 hour missing. [b] 2 hours missing. [c] 3 hours missing.

SURIGAO.

[$\phi = 9°\ 48'$ N; $\lambda = 125°\ 29'$ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

JUNE, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.48	58.83	59.53	57.49	57.64	58.71	58.45	25.5	24.4	30	30	28.3	27.1	27.6	30.9	23.8	89	96	75	71	80	87	83	.....
2..	58.10	58.17	58.81	56.66	56.73	58.04	57.75	26.6	24.8	28.5	28	25.9	24.7	26.4	29.7	24.3	86	93	79	79	93	94	87.3	6.3
3..	57.78	57.35	57.91	55.86	56.77	57.57	57.21	24.7	24	29	30	27.8	26	26.9	31	23	92	97	78	71	81	92	85.2	.8
4..	57.19	57.03	58.05	56.13	56.80	58.10	57.22	25.4	24.9	28.2	30.4	28.7	27.3	27.5	31.1	24.5	93	94	81	74	73	85	83.3	.....
5..	57.08	57.84	58.44	56.98	57.53	59.04	57.82	25.4	24.6	29.6	31	28	26.4	27.5	31.4	24	88	94	74	72	82	90	83.3	5.5
6..	58.62	59.13	59.56	57.96	57.90	59.22	58.73	24.8	23.7	27	29.4	27.8	25.3	26.3	30	23.6	87	96	81	76	79	93	85.3	.5
7..	58.16	58.32	58.73	57.43	57.40	59.24	58.21	24.8	24.7	26.9	27.4	26.9	25	26	27.5	24.5	95	96	90	86	86	96	91.5	5.1
8..	58.35	58.60	59.30	57.94	58.71	59.62	58.75	24.7	24.2	29.4	29.6	24.7	24.1	26.1	30.9	23.5	93	97	75	75	94	97	88.5	6.2
9..	58.88	59.36	59.66	57.91	58.82	59.76	59.06	23.2	23	28	28.4	25.8	24.5	25.5	29.3	22.8	95	96	77	75	91	96	88.3	4
10..	59.03	58.93	59.31	57.70	58.36	59.89	58.87	23.3	23	28	28.7	27.8	25.4	26	30.6	22.8	94	97	60?	73	82	93	83.2	.3
11..	58.96	58.27	58.52	56.96	57	58.08	57.96	24.9	24	27	27	27.5	25.7	26	29.5	23.6	91	97	84	86	82	89	88.2	.8
12..	57.38	57.65	58.06	56.29	57.22	57.37	57.33	24	23.4	28.5	28.6	28	25.4	26.3	30	23	91	94	63	73	77	93	81.8	.5
13..	57.23	57.99	58.45	56.40	56.71	58.10	57.48	24.8	23.3	29	29	27.5	25.6	26.5	29.5	23.2	84	95	73	72	77	87	81.3	.....
14..	57.87	58.38	59.01	57.16	57.42	58.90	58.12	24.5	24	27.4	27	27	26	26	29.6	23.4	91	93	84	80	84	92	87.3	.8
15..	58.42	58.63	58.79	57.36	58.16	59.49	58.48	24.6	24.4	28.5	30	27.3	25.5	26.7	30.9	23.7	97	97	81	73	86	90	87.3	.....
16..	58.72	58.48	58.86	57.04	56.67	58.63	58.07	24.7	23.9	29.6	29.3	27.5	26.2	26.9	30.5	23.6	89	96	74	76	81	95	85.2	.....
17..	57.89	57.58	58.14	56.41	56.34	58.30	57.44	24.2	23.5	30	30	28.4	26.5	27.1	30.8	23.2	91	96	75	72	75	84	82.2	7.1
18..	57.94	57.63	58.36	56.86	58.33	59.62	58.12	24.7	23	29	27.6	23.5	24	25.3	31	22.7	87	97	74	80	94	90	87	11.9
19..	58.52	59.51	60.41	58.76	59.14	60.36	59.45	23.7	23.4	28.3	29	27.3	25.4	26.2	29.7	22.9	95	96	82	71	82	91	86.2	.....
20..	59.53	59.72	60.02	58.43	58.96	59.84	59.42	24.1	23.5	29.3	30.4	28.3	26.2	27	31.8	23.1	92	96	79	64	73	87	81.8	.8
21..	59.44	58.62	59.01	57.91	57.76	58.81	58.59	24.6	24.4	28.3	30.4	27.2	26	26.8	31	24.3	95	96	76	68	84	89	84.7	.....
22..	58.17	57.89	58.30	56.54	56.89	58.17	57.66	24.3	23.6	28.5	29	28.1	25.2	26.4	30.5	22.9	91	95	80	76	77	92	85.2	.....
23..	57.62	57.75	58	56.60	56.35	57.85	57.36	23.9	23.6	28.9	28.4	28.8	24.7	26.4	30.6	23.4	.....	.....	.....	.....	.....	.....	.....	10.2
24..	57.35	57.96	59.27	56.81	57.73	58.39	57.92	24	24.4	24.2	27	26	24.7	25	27.3	23.5	.....	97	97	80	85	90	89.8	7.8
25..	57.14	57.38	57.98	56.39	56.77	57.95	57.27	24.4	23.8	24	25.7	25.6	24.4	24.6	26.5	23.5	92	97	96	90	91	92	93	6.2
26..	56.89	57.39	57.38	56.16	56.10	58.48	57.07	23.9	24	28.2	29.6	28.5	25.2	26.6	31	23.3	97	96	76	67	72	93	83.5	.5
27..	57.97	58.30	58.79	57.21	58.13	59.74	58.36	24.6	24.2	29.9	31	28.5	27.8	27.7	31	23.3	93	95	72	67	78	82	81.2	.....
28..	59.04	59.33	59.39	57.76	58.81	60.10	59.07	25.8	24.3	30.3	31.2	28.2	27.1	27.8	31.5	23.8	84	94	70	66	79	85	79.7	.....
29..	59.14	59.61	59.59	57.67	57.84	58.94	58.80	24.9	24.2	29.6	30.7	28.8	27.4	27.6	31.4	23.7	91	93	76	72	72	81	80.8	4.6
30..	58.13	57.90	58.22	56.54	57.21	58.32	57.72	25.1	24.4	29	27.6	26.3	25.4	26.3	31.3	23.9	92	97	74	82	89	93	87.8	2.8
Mean	58.17	58.32	58.80	57.11	57.54	58.82	58.13	24.6	24	28.4	29	27.3	25.7	26.5	30.3	23.5	91.2	95.6	77.8	74.7	82	90.3	85.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	82.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	ESE	ESE	ENE	E	SE	ENE	18	59.5	142.6	45.9	266	3	Ci. E	Cu.	9	Ci.-S.	Cu.-N. ENE
2..	ENE	Calm	ESE	ENE	Calm	E	32.4	38.6	62.8	13.7	147.5	5	.....	Cu.-N. E	6	Ci.-S.	Cu.-N. E
3..	E	E	E	ENE	ENE	ENE	18.3	57.6	89.5	35.7	201.1	8	.....	Cu.-N. E	6	Ci.-S.	Cu.
4..	E	Calm	E	E	E	SW	12.9	57.3	129.3	42.4	241.9	7	Ci.	Cu.-N. E	6	Ci. NE	Cu.-N.
5..	Calm	SW	E	ENE	ENE	Calm	12.3	46.4	77.5	25.1	161.3	6	Ci.	Cu.-N. E	2	Ci.-S.	Cu.-N.
6..	Calm	Calm	ENE	E	E	Calm	15.5	38.8	91.4	27.7	173.4	10	Ci.	cu.-N. ENE	8	Ci. SE	Cu.-N. ESE
7..	Calm	Calm	SE	E	ENE	E	17.1	37.8	.....	.....	.....	7	Ci. SE	Cu.-N. E	10	.....	N. E
8..	SE	SE	ENE	ENE	S	Calm	.....	.....	96?	18.9	.....	6	Ci.-S.	Cu.-N. E	4	Ci.-S.	Cu.-N.
9..	SSW	SSW	NNW	Calm	S	Calm	22	19.9	15	13.7	70.6	4	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. SE
10..	S	SW	Calm	Calm	Calm	Calm	21.7	13.7	.....	33.3	.....	10	Ci.-S.	cu.-N. ESE	9	Ci.-S.	Cu.-N. ESE
11..	Calm	S	Calm	ENE	SE	Calm	12.1	14.3	.....	.....	.....	4	Ci.	s.-Cu. ESE	9	.....	Cu.-N. ESE
12..	S	S	SSE	ENE	ESE	Calm	17.5	37.3	.....	36.5	.....	3	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N. ENE
13..	Calm	SW	ENE	E	ENE	Calm	32	59.8	121.2	23.9	236.9	3	Ci.	Cu.-N.	8	Ci.	Cu.-N. ENE
14..	Calm	SE	E	E	E	Calm	15.3	45.4	.....	39.4	.....	9	Ci.-S.	S. ESE	10	.....	Cu.-N. ENE
15..	E	Calm	E	E	E	Calm	16.4	22.3	50.5	22	111.2	9	Ci.-S.	cu.-N. ENE	7	Ci.	Cu.-N. ESE
16..	SW	SSW	ENE	E	E	Calm	18.5	51.7	83.4	19.8	173.4	7	Ci. N	cu.-N. ESE	5	Ci.-S.	Cu.-N. ESE
17..	SE	S	E	ENE	ESE	Calm	22	52.6	85.9	27.1	187.6	2	Ci.	Cu.	8	Ci.-S.	Cu.-N. ESE
18..	SE	SSW	Calm	NW	N	N	19.5	16.1	47	27.2	109.8	3	Ci.-S.	Cu.-N.	10	.....	Cu.-N.
19..	SSW	SW	SE	Calm	Calm	Calm	23.5	17.7	31.2	16.1	88.5	10	.....	S.	10	Ci.-S.	Cu.-N.
20..	S	S	ENE	ENE	E	Calm	20.6	48.5	108.8	40.4	218.3	6	Ci.-S. SW	Cu.-N.	2	Ci. ESE	Cu.-N.
21..	ENE	Calm	ENE	ENE	ENE	ESE	14.8	36.7	47.5	37.6	136.6	10	.....	Cu.-N.	7	Ci.-S.	Cu.-N. ESE
22..	SE	SSW	NW	NNW	W	SSW	19.1	25.7	40.5	18.8	104.1	5	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. SW
23..	Calm	Calm	.....	.....	.....	.....	16.4	.....	.....	.....	.....	7	Ci.-S. SW	Cu.-N.	.....	.....	.....
24..	.....	Calm	SW	SW	W	Calm	.....	.....	.....	.....	.....	9	Ci.-S. W	Cu.-N. S	10	Ci.-S.	Cu.-N. W
25..	Calm	Calm	W	W	Calm	S	.....	.....	.....	.....	.....	10	.....	cu.-N. SSW	10	.....	Cu.-N. SSW
26..	Calm	Calm	N	W	WSW	WSW	.....	.....	.....	16.7	.....	5	Ci.-S.	s.-Cu. SW	6	Ci.-S. NE	Cu.-N. SSW
27..	WSW	SW	E	ENE	E	NE	19.6	52.3	80.5	36.7	189.1	7	Ci.-S. NE	s.-Cu. SSW	4	Ci. NE	Cu.
28..	Calm	SSE	ENE	ENE	ESE	ENE	16.6	66.2	103.3	45.7	231.8	2	Ci. NE	Cu.	3	Ci.-S.	Cu.
29..	ESE	Calm	E	ENE	ENE	NE	16.9	28.4	78.6?	40.8	164.7	1	Ci. E	Cu.	3	Ci. ENE	Cu.-N. SE
30..	SSW	SSW	Calm	Calm	ESE	Calm	.....	.....	.....	.....	.....	7	Ci. NE	Cu.-N. SW	9	Ci. NE	Cu.-N. SW
Mean	.....	.....	.....	.....	.....	.....	18.8	39.4	79.1	29.2	169.1	6.2	.....	.....	7	.....	.....

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

JULY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.55	57.25	58.58	57.06	57.38	58.71	57.76	24.6	24	29	29	26.4	24.9	26.3	30.2	23.3	88	91	71	78	85	92	84.2	.....
2..	58.20	57.53	58.14	56.74	56.82	58.79	57.70	24.3	24	29.4	29.7	26.5	24.6	26.4	31.9	23.3	92	93	68	67	80	92	82	.....
3..	58.12	57.53	58.10	56.20	57.57	58.39	57.65	24.2	24.5	30.2	30	27.4	25	26.9	31.5	23	95	92	67	65	85	92	82.7	.....
4..	57.17	56.90	57.31	56.06	56.10	57.16	56.78	24.3	24.4	30	29.3	28	27.6	27.3	30.6	23.5	93	91	71	72	74	79	80	.....
5..	56.12	56.20	57.04	55.70	55.80	57.27	56.36	27	26.3	29.7	30.6	28	25.8	27.9	31.9	25	78	81	64	58	69	82	72	.....
6..	56.23	56.47	57.06	55.48	56.54	56.92	56.45	25.7	24.4	29.7	30.4	28.3	25.6	27.4	31.4	24.3	84	92	65	60	65	83	74.8	.....
7..	57.09	56.80	57.31	55.99	56.29	57.53	56.84	24.2	23.8	29.7	29.5	28.3	25.9	26.9	30.5	23.5	94	93	69	68	78	93	82.5	.....
8..	57.01	56.88	56.82	55.44	56.06	57.47	56.61	24.7	24	29.5	31.3	29.5	25.4	27.4	31.5	23.3	91	95	75	61	71	90	80.5	.....
9..	57.19	56.73	56.67	55.04	55.61	56.87	56.35	24.7	24	29.5	30.1	29.2	26.4	27.3	31.8	23.3	89	93	72	69	74	89	81	.....
10..	56.34	56.26	56.68	55.05	56.10	57.65	56.35	25.5	24.2	32	30.3	25.4	25.3	27.1	33	24	85	94	57	66	93	93	81.3	15.6
11..	57.14	57.20	56.91	55.73	56.39	56.97	56.72	24.4	25	29.3	29.3	28.5	26.3	27.1	30.3	23.8	97	92	74	76	81	92	85.3	.....
12..	56.08	56.32	57.02	55.35	56.31	57.91	56.50	25	24.2	29.5	29.6	28	26.2	27.1	31.5	24.1	90	95	73	75	82	92	84.5	3.5
13..	57.44	57.87	57.63	55.91	56.02	57.11	57.	24.7	24.2	27.7	30	25.8	25.1	26.2	30.4	23.8	92	94	82	71	89	92	86.7	1.3
14..	56.22	55.95	57.19	55.04	55.43	57.08	56.15	24.6	24	29	29.4	28	25.4	26.7	31.4	23.6	92	96	76	72	79	88	83.8	.....
15..	56.14	55.84	56.21	54.55	55.49	57.13	55.89	24.6	24.4	26.1	29.3	27.3	23.6	25.9	29.7	23.3	92	92	93	76	84	96	88.8	12.7
16..	56.39	56.35	57.01	55.58	56.46	58.12	56.65	23.7	23.7	28.9	26.5	24.1	24	25.2	29.6	23	97	97	75	91	92	91	90.5	37.3
17..	57.12	57.14	58.47	56.06	56.64	57.97	57.23	23.8	23.3	28.4	29.5	27.2	25.3	26.2	30.4	23	91	95	76	66	75	86	81.5	.....
18..	56.80	57.05	57.82	55.75	56.33	58.04	56.96	24.3	23.3	29.6	30.6	26.3	25.8	26.6	31.7	22.9	88	95	72	67	88	89	83.2	.....
19..	57.90	57.75	57.86	56.91	57.43	58.71	57.76	24.3	24.4	29	27.9	25.3	24.3	25.9	30.3	23.7	95	93	78	83	93	94	89.3	20
20..	58.75	58.45	59.59	57.90	57.77	59.41	58.64	23.1	23	26.5	27	26.7	24.8	25.2	28.9	22.8	98	99	86	84	86	85	89.7	1.8
21..	58.44	57.20	58.06	57.44	57.77	59.28	58.03	24.2	24	28.5	24.7	25.8	23.3	25.1	29.7	22.8	94	96	67	94	81	93	87.5	2.3
22..	59.01	59.25	59.99	58.45	58.32	60.05	59.18	23.1	23.2	27.2	27.6	26.3	24.3	25.3	28.2	22.7	97	96	79	73	86	89	86.7	.....
23..	59.26	59.50	60.14	58.51	58.64	59.89	59.32	23.3	23	29.5	29.5	27.7	25.4	26.4	31.3	22.3	93	96	68	70	79	93	83.2	.....
24..	59.12	59.86	59.64	57.57	58.16	59.12	58.91	24.1	24.3	28.2	29.6	27.2	24.4	26.3	29.9	23.4	90	86	77	68	79	91	81.8	1.3
25..	58.64	58.50	59.08	57.16	57.26	58.32	58.16	24.8	26.4	27.9	28.6	27	24.9	26.6	29.7	23.5	91	90	74	69	80	88	82	1.3
26..	57.82	57.49	58.09	56.70	57.55	58.68	57.72	23.4	23.2	30.2	31.5	28.4	26.2	27.2	31.7	22.6	95	96	67	63	75	79	79.2	.....
27..	58.08	56.88	57.54	55.80	57.09	57.70	57.18	25.3	26.1	30.2	31.1	28.5	26.5	28	31.8	25	88	85	64	56	74	86	75.5	23.3
28..	57.19	56.89	57.32	56.13	56.34	58.28	57.02	24.9	24	29.5	30.5	28.2	25.6	27.1	31.3	23	94	96	68	66	68	88	80	.....
29..	58.06	57.38	57.44	56.33	56.93	58.87	57.50	26.7	25.6	30.5	31.2	28.6	25.3	28	31.4	25.3	84	88	59	62	68	85	74.3	.....
30..	57.99	57.88	58.64	57.19	57.84	59.21	58.12	26.2	25.7	31	31.5	28.6	26.9	28.3	32.3	25	86	88	59	57	68	83	73.5	.....
31..	58.26	58.11	58.83	56.49	57.84	59.56	58.18	25.2	24.5	30.5	32.4	28.3	26.4	27.9	32.9	24.3	84	87	59	47	74	88	73.2	.....
Mean	57.51	57.34	57.88	56.30	56.85	58.20	57.34	24.6	24.3	29.2	29.6	27.4	25.4	26.7	30.9	23.6	90.9	92.4	71.1	69.4	79.2	88.8	82	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	120.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	Calm	W	S	Calm	Calm	.....	.....	44.1	11.3	.....	3	Ci. NE	Cu.-N. SW	9	Ci. NE	Cu.-N. SW
2..	Calm	Calm	W	NW	Calm	Calm	19.8	34.3	54.1	....	.....	4	Ci.-S. NE	Cu. NE	3	Ci.-S. NE	Cu.-N.
3..	SSW	Calm	SW	WSW	Calm	Calm	.....	.....	.....	.....	.....	4	Ci. NE	Cu.-N. SW	7	Ci.-S. NE	Cu.-N. SE
4..	SW	SSW	W	W	Calm	WSW	21.2	51.7	52.8?	39.4	165.1	8	Ci.-S.	Cu.-N. SE	10	Ci.-S.	Cu.-N. SE
5..	WSW	Calm	SSW	WSW	WSW	Calm	38.3	.....	54.4	16.3	.....	10	Ci.-S. NE	Fr.-N. SE	10	Ci.-S.	Cu.-N. SE
6..	SW	SW	WSW	W	SW	Calm	19.5	.....	49.4	15	.....	5	Ci.	Cu.-N. NE	8	Ci.-S.	Cu.
7..	SSW	SSW	SW	WNW	Calm	W	22	18.7?	.....	15?	.....	10	Ci.-S.	Fr.-Cu. E	9	Ci.-S.	Cu.-N. SSW
8..	W	Calm	NNW	WNW	Calm	Calm	15.1	29.5	.....	.....	.....	3	Ci.-S. E	Cu.	4	Ci.	Cu.-N. SE
9..	Calm	SW	E	NW	Calm	E	.....	.....	.....	.....	.....	5	Ci. E	Cu.-N.	3	Ci.-S. E	Cu.-N.
10..	E	SW	SW	WNW	WSW	Calm	11.8	30.6	40.2	8.2	90.8	7	Ci. SSE	Cu.-N.	6	Ci.-S.	Cu.-N. S
11..	WSW	WSW	ENE	NW	Calm	W	35.7	27.2	.....	.....	.....	10	Ci.-S.	Fr.-Cu. S	10	Ci.-S.	Cu.-N. S
12..	W	Calm	Calm	WSW	W	WNW	12.9	13.7	32.7	10.2	69.5	8	Ci.-S.	Cu.-N. SSE	8	Ci.-S.	Cu.-N. SSE
13..	WNW	SSW	E	ENE	SW	SW	13.7	26	52	18.3	110	10	Ci.-S.	Cu.-N. SSW	4	Ci.-S.	Cu.-N. W
14..	SW	SW	WNW	ENE	ENE	SW	20.7	12.4	61.2	22.2	116.5	10	Ci.-S.	Cu.-N. NE	9	Ci.-S.	Cu.-N. NE
15..	SW	Calm	SW	SW	Calm	SW	19.6	13.5	48.9	21.7	103.7	10	Ci.-S.	Cu.-N. SW	9	Ci.-S.	Cu.-N. SW
16..	SW	SW	ENE	Calm	WSW	SW	14	29	26.6	24.6	94.2	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N. SW
17..	SW	SW	E	WNW	Calm	SSW	21.7	19.1	29.5?	12.9?	83.2	8	Ci.-Cu.	Cu.-N. SSW	10	Ci.-S.	Cu.-N. SSW
18..	SW	SW	Calm	WNW	SSW	SSW	19.1	13.2	38.6	33.5	104.4	6	Ci. SW	Cu.	3	Ci.-S. E	Cu.-N. SW
19..	SW	SW	WSW	SE	SSW	SSW	18.8	25.4?	29.8	17.7	91.7	8	Ci.-S.	Cu.-N. SW	10	.....	Cu.-N. E
20..	SW	SW	E	ENE	Calm	SW	25.5	18	.....	18.3	.....	10	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu.-N. E
21..	SW	SW	NW	S	SSW	SSW	17.4	15.8	35.4?	19.5	88.1	7	Ci.-S.	Cu.-N. E	10	.....	N. E
22..	SSW	E	E	W	S	SSW	19.3	20.4	42.4	14.8	96.9	10	Ci.-S.	Cu.-N. E	10	.....	Cu.-N. E
23..	SW	WSW	W	WNW	WSW	SW	21.9	33.6	45.4?	19.6	120.5	4	Ci.-S.	Cu.-N. E	7	Ci.-S. E	Cu.
24..	SW	SW	W	SW	W	W	34	56.9	66.5	15.1	172.5	10	.....	Cu.-N. S	9	Ci.-S.	Cu.-N. SSW
25..	W	W	W	SW	Calm	W	28.8	29.8	39.4	23.8	121.8	9	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N. SW
26..	Calm	SSW	W	SW	W	W	15.8	59	64.2	59	198	2	Ci.-S.	Cu.-N.	5	Ci.-S. E	Cu.-N. W
27..	Calm	SSW	WSW	W	W	SW	15.5	58.5	74.5	26	174.5	9	Ci.-S.	S.-Cu. NW	3	Ci.	Cu.-N. W
28..	SW	SSW	W	W	WSW	SSE	29.2	48.8	56.5	20.1	154.6	10	Ci.-S.	S.-cf. WSW	7	Ci.-S. WSW	Cu.
29..	W	W	SW	WNW	Calm	S	28.2	57.1	46.4	17.9	149.6	3	Ci. E	Cu.-N.WSW	7	Ci.-S. E	Cu.
30..	SSE	Calm	W	W	SW	Calm	13.2	55.3	56.6	6.6	131.7	3	Ci.-S. E	Cu.	7	Ci.-S.	Cu.
31..	Calm	Calm	SW	W	W	S	10.7	30.8	56.1	24.7	122.3	5	Ci.-S.	S.-Cu. NE	7	Ci.-S.	Cu.-N. NE
Mean	.....	.....	.....	.....	.....	.....	20.8	31.9	47.9	20.4	121.9	7.1	.....	.....	7.5	.....	.....

SURIGAO.

[$\phi = 9°\ 48'$ N; $\lambda = 125°\ 29'$ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

AUGUST, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.96	58.61	58.69	56.99	57.36	59.25	58.31	25.5	24.6	30.6	32	29	26	28	33.1	24.3	85	91	57	52	74	87	74.3	.....
2..	58.99?	58.13	58.46	56.75	57.51	58.82	58.11	24.5	23.5	29.4	31	28.8	25.9	27.2	32.3	23.1	88	96	72	61	76	88	80.2	.....
3..	57.69	57.27	58.26	56.86	57.29	58.88	57.71	24.9	24	28.8	27.7	27	25.5	26.3	29.5	23.5	88	95	72	82	84	86	84.5	9.9
4..	58.22	58.38	58.57	57.48	57.96	59.36	58.33	24.6	23.5	25.1	27.3	25.8	24.7	25.2	27.4	23.4	87	96	92	75	87	92	88.2	2.3
5..	58.75	58.64	58.93	57.53	57.64	58.88	58.40	23.9	23	28.2	30.2	27.8	26.4	26.6	31.2	23	88	96	72	67	79	86	81.3	.....
6..	58.80	58.95	58.64	56.89	57.44	58.05	58.13	24.5	23.7	30	30.2	28.8	26.1	27.2	32	23.4	91	96	68	74	80	89	83	.....
7..	57.35	57.23	57.61	55.66	56.39	57.16	56.90	24.5	24.2	29.2	30.2	28.6	25.3	27	30.8	23.5	92	94	71	70	76	91	82.3	3.6
8..	56	56.59	57.52	55.39	56.60	57.88	56.66	25.8	23	28.5	28.9	27.5	25.5	26.5	29.6	23	84	97	74	73	80	91	83.2	.3
9..	57.23	57.34	58.09	56.48	57.18	58.27	57.43	24.4	23.4	30	30.4	28.7	25.5	27.1	31.2	23	90	97	69	66	78	89	81.5	.....
10..	57.34	57.28	58.37	57.40	57.61	58.56	57.76	24.2	23.4	30.8	29.6	26.5	25	26.6	32	23	86	93	63	68	88	93	81.8	.....
11..	57.63	57.65	58.26	56.99	57.74	58.94	57.87	24.4	23.8	28.6	29.3	28	26.3	26.7	30.4	23.4	91	93	75	72	77	86	82.3	.....
12..	57.98	57.89	58.52	56.59	57.53	59.44	57.99	24.6	24	29.9	32	28.5	27.2	27.7	32.3	23.4	91	94	65	60	78	85	78.8	.....
13..	58.46	58.35	58.98	56.31	56.55	58.52	57.86	24.4	24.2	29.6	31.1	29.2	26.6	27.5	31.3	23.6	93	94	70	68	78	86	81.5	.....
14..	57.33	57.17	57.64	55.50	55.71	57.66	56.84	24.6	24.1	30	31.9	29.2	26	27.6	31.9	23.6	92	95	73	61	71	85	79.5	.....
15..	56.56	56.41	56.64	55.11	55.45	56.70	56.14	25.1	24.5	30.7	30.7	28	27.8	27.8	32.2	24.2	89	92	64	64	80	84	78.8	23.3
16..	55.68	55.50	55.53	53.87	54.70	56.12	55.23	25.2	25.9	30.8	31.3	28.4	28.2	28.3	32	23.8	96	88	64	63	72	75	76.3	.....
17..	55.66	55.41	55.96	54.70	55.13	57.08	55.66	28	26	31	31.2	28.5	26	28.4	31.9	25.2	71	82	53	54	78	92	71.7	10.2
18..	56.43	56.49	57.30	55.59	56.65	58.52	56.83	25	24.4	29.2	30	27.6	26	27	31.4	24.2	92	96	81	77	84	92	87	.....
19..	57.53	57.42	58.62	57.19	57.91	58.72	57.90	24.9	23.8	30	31.2	26.2	24.4	26.8	31.5	23.6	87	87	67	62	90	95	81.3	.....
20..	57.88	58.03	58.71	57.09	58.20	59.46	58.23	23.2	23.3	29	30	28.5	27.2	26.9	30.9	22.8	95	94	79	65	74	80	81.2	.....
21..	58.43	59.02	59.86	58.11	58.05	60.21	58.95	24.8	23.7	30.2	30	29	26.4	27.4	31.6	23.3	87	96	68	68	75	87	80.2	.....
22..	59.38	59.68	59.91	57.74	58.43	59.65	59.13	24.2	23.5	30.9	31	28.8	26	27.4	32.4	23.2	89	95	67	69	76	96	82	.....
23..	58.22	58.69	59.28	58.55	58.74	60.55	59	24.5	23	31	29.3	27.2	27.4	27.1	31.7	22.8	87	92	65	73	83	81	80.2	.....
24..	60.51	60.01	60.56	58.54	59.89	61.06	60.10	25.2	24.6	29.1	31.2	28.4	23	26.9	31.6	23	88	93	70	60	76	95	80.3	27.4
25..	59.98	59.93	60.03	58.34	59.21	59.52	59.50	23.1	22.8	28.8	29.7	26	25	25.9	30.4	22.3	95	96	76	70	88	93	86.3	.8
26..	58.86	58.89	58.86	56.96	57.80	58.79	58.36	24.8	24.1	30.1	30.6	27	25	26.9	31.3	24	90	94	71	70	87	92	84	.....
27..	57.50	58.13	58.80	56.51	57.56	59.12	57.94	24.1	24	29.6	30.7	28.6	26	27.2	31.2	23.3	94	94	75	70	76	84	82.2	.....
28..	58.05	58.68	59.24	57.94	57.66	58.93	58.42	24.1	24.3	30	30.6	28.3	25.8	27.2	31.3	24	96	97	68	65	79	93	83	.....
29..	57.38	57.67	58.27	56	56.66	57.79	57.30	24.5	24.6	29.6	30	27	25	26.8	30.9	24.2	92	94	71	66	84	92	83.2	.....
30..	55.86	56	56.71	54.82	55.86	57.70	56.16	24.8	24.6	31	30	28	24.6	27.2	31.7	23.4	92	92	62	68	77	92	80.5	3.1
31..	55.79	55.94	57.38	55.27	55.86	57.41	56.28	24.2	24	24.4	25.6	25.3	25	24.8	26.4	23.8	95	97	93	88	92	91	92.7	35.3
Mean	57.76	57.79	58.33	56.62	57.23	58.61	57.72	24.7	24	29.5	30.2	27.9	25.8	27	31.1	23.5	89.7	93.7	70.5	67.8	79.9	88.6	81.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	116.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	WSW	WNW	W	ESE	SE	13.2	39.7	55	11.8	119.7	6	A.-Cu.	Cu.-N. NE	2	Ci.-S.	Cu.-N. SSE
2..	SW	SSW	ENE	NW	Calm	WSW	14.3	24.3	40.4	16.9	95.9	5	Ci. NNE	S.-Cu.	3	Ci. NE	Cu.-N. S
3..	SW	SW	NW	WNW	Calm	Calm	24.6	28	32	10	94.6	6	Ci. ENE	Cu.-N. NNW	10	Ci.-S.	cu.-N. NNW
4..	WSW	Calm	WSW	W	W	S	38.1	11.8	28.7	16.3	94.9	10	.....	N. ENE	10	.....	Cu.-N. ENE
5..	Calm	SW	Calm	NE	ESE	Calm	14.8	14.7	.....	15.1	.....	9	Ci.-S.	Cu.-N. ENE	7	Ci.-S.	Cu.-N. NE
6..	SSW	SSW	ENE	NW	ENE	Calm	18	63.9	29.6	20.9	132.4	4	Ci. NE	Cu.-N.	2	.....	Cu.-N. S
7..	SW	S	NNW	NW	ENE	Calm	17.1	33.6	28.8	19.3	98.8	6	Ci.-S. E	Cu.-N. S	7	Ci.-S. E	Cu.-N. SE
8..	SW	S	ENE	NW	NW	NNE	39.1	23	26.6	40	128.7	10	Ci.-S.	Fr.-N. SW	9	Ci.-S.	Cu.-N. SW
9..	NNE	S	NE	W	Calm	SSW	20.4	22.2	50.5	22	115.1	7	Ci.-S. E	Cu.	5	Ci.-S. E	Cu.-N. SSW
10..	SW	S	NW	S	S	SW	20.9	23.9	29.5	20.7	95	7	Ci.-S. E	Cu.-N. SW	8	Ci.-S. E	Cu.-N. SSW
11..	SW	S	NNE	NW	NE	Calm	17.9	26.9	34.6	28.5	107.9	10	Ci.-S.	S.	10	Ci.-S. NE	Cu.-N.
12..	SW	WSW	Calm	E	E	E	18.7	16.9	87.5?	23.6	146.7	2	Ci.-S.	Cu.-N.	2	Ci.-S. E	Cu.
13..	SW	SW	NNE	NW	E	ENE	17.1	24.3	48.6	24.9	114.9	4	Ci.-S. E	Cu.-N.	3	Ci.-S. E	Cu.-N.
14..	SE	SSE	ENE	WNW	Calm	SSW	16.1	19.8	13.5	12.7	62.1	2	Ci.-S. E	Cu.	2	Ci.-S.	Cu.-N.
15..	SSW	SSW	SW	W	W	SSW	27.1	54.4	84	30.3	195.8	4	Ci.-S. E	Cu.-N.	4	Ci. E	Cu.-N.
16..	SW	SSW	SW	SW	SW	SW	35.9	71.3	82.3	42.3	231.8	8	Ci. E	Fr.-cu. SW	7	Ci.-S. E	Cu.-N. SW
17..	SW	Calm	WNW	WSW	SW	S	51.2	57.9	74.5	25.5	209.1	6	Ci.-S. E	Fr.-cu. SW	8	Ci.-S. E	Cu.-N. SW
18..	SW	SW	E	Calm	W	SSW	18	32?	17.2	12.7	79.9	8	Ci.-S. E	Fr.-N. SW	7	Ci.-S. SSE	Cu.-N. S
19..	SW	Calm	SW	W	Calm	W	16.7	30	.....	.....	.....	10	Ci.-S. SSE	Cu.-N. S	6	Ci.-S. SSE	Cu.-N. S
20..	W	SW	N	NW	E	SW	.....	.....	43.3	25.2	.....	6	Ci.-S. E	Cu.-N. S	7	Ci.-S. E	Cu.-N. SSW
21..	SW	SW	E	NE	E	E	20.1	19.6	.....	.....	.....	2	Ci.-S. E	Cu.	3	Ci. E	Cu.-N. SSE
22..	SE	SE	SE	ENE	E	E	.....	.....	84.7	19.5	.....	4	Ci.-S.	Cu.-N. E	2	Ci.-S.	Cu.-N. E
23..	E	S	Calm	NE	SE	NE	17.7	13.5	54.7	44.3	130.2	3	Ci. E	Cu.-N. N	10	Ci.-S. E	Cu.-N. S
24..	Calm	Calm	Calm	Calm	Calm	E	22.8	23.1	26.4	31.7	104	5	Ci.-S. E	Cu.	7	Ci.-S. E	Cu.-N. SSW
25..	E	ESE	ENE	NW	S	S	17.2	23.1	31.6	19	90.9	2	Ci. E	Cu.	8	Ci.-S. E	Cu.-N. S
26..	Calm	Calm	W	S	Calm	Calm	13.2	30	28.5	16.1	87.8	8	.....	S.-Cu. S	8	Ci.-S. E	Cu.-N. SSW
27..	SW	W	NW	NW	NW	NW	17.5	29.2	20.1	23.1	89.9	2	Ci.-S.	cu.-N. SSW	2	Ci.-S. E	Cu.-N.
28..	Calm	W	NW	WNW	W	SW	11.5	37.3	25.1	19.6	93.5	3	Ci.-S. E	Cu.	7	Ci.-S. E	Cu.-N. S
29..	SW	Calm	NW	W	Calm	S	15.3	30.9	52	17.1	115.3	8	Ci.-S. E	Cu.-N. S	6	Ci.-S. E	Cu.-N. S
30..	SW	S	SW	W	W	S	18.8	44.3	62.8	21.1	147	6	Ci. E	Cu.-N. SSW	6	Ci.-S. NE	Cu.-N. SSW
31..	SW	SW	W	W	SW	SW	17.2	30.4	.....	.....	.....	10	.....	Cu.-N. SSW	10	.....	N. SW
Mean	.....	.....	.....	.....	.....	.....	.....	21.1	31	44.2	22.5	119.3	5.9	.....	.....	6.1	.....	.....

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

SEPTEMBER, 1917.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.24	57.45	58.68	56.20	56.82	58.81	57.53	23.8	23.5	24.7	27.8	27	26.5	25.6	28.3	23.4	93	96	92	75	80	73	84.8	3.3
2..	57.89	58.36	59.26	56.51	57.13	58.42	57.93	26.7	25	27.4	28.6	26.5	25	26.5	28.9	24.1	73	88	78	63	76	85	77.2	.....
3..	58.13	57.60	57.86	56.37	57.01	57.99	57.49	24	24.3	29.3	29.3	27.3	25.3	26.6	30.2	23.6	91	93	70	69	82	91	82.7	2.3
4..	57.22	57.25	58.50	56.02	56.93	58.38	57.38	24.2	24	28	27.6	24.5	23.3	25.3	28.3	23	91	91	74	73	92	95	86	16
5..	56.70	57.04	57.34	55.89	56.96	58.08	57	23.8	23.6	28.3	30	27.2	24.9	26.3	31.1	23.1	90	90	77	57	73	87	79	3.5
6..	57.53	58.02	58.78	57.43	57.89	58.88	58.09	24.3	24.4	27.5	30.1	27.8	25.9	26.7	31	24	94	97	79	64	75	88	82.8	.....
7..	58.20	58.09	58.12	56.18	56.77	58.61	57.66	24.6	23.6	30.1	30	26.2	25.1	26.6	31	23.4	....	92	66	65	86	92	80.2	6.6
8..	58.06	57.33	58.17	56.29	55.97	57.81	57.27	24	23.5	25.5	27.6	26	25	25.3	28.4	23.3	93	96	92	81	92	96	91.7	.....
9..	57	57.22	57.76	56	57.01	58.18	57.20	24.6	23.5	30.3	26.2	26.4	25	26	31.3	22.8	90	92	66	90	88	90	86	13.8
10..	57.30	57.49	58.30	56.70	58	59.66	57.91	23.8	23	29.7	30.3	27.2	25.2	26.5	31	23	90	95	69	65	83	87	81.5	3
11..	58.60	58.45	59.03	56.71	57.68	59.24	58.28	22.6	22.8	29.4	31	28.5	25.6	26.6	31.3	22.6	91	97	76	68	78	82	82	.....
12..	58.33	58.21	59.43	57.18	58.25	59.35	58.46	24.5	24.5	29.6	30	27	25.2	26.8	30.8	24	88	95	76	69	78	80	81	.....
13..	58.76	59.26	60.21	57.79	58.36	59.19	58.93	24.7	26.5	28.6	29	27	25.2	26.8	29.6	24	82	84	76	72	80	84	79.7	.....
14..	58.23	58.66	59.23	57.49	58.60	60.06	58.71	23.3	22.8	30.3	31	28.1	26.2	27	31.8	22.3	89	93	69	62	77	82	78.7	.....
15..	59.14	59.22	59.64	57.51	58.45	59.26	58.87	24	23.1	30	30.2	28	25.4	26.8	31.5	22.5	89	96	67	70	77	82	80.2	.....
16..	58.49	57.93	58.63	56.25	56.83	58.37	57.75	25	24.1	30.5	31.1	28.5	25.1	27.4	32	23.5	88	94	69	64	74	79	78	.....
17..	57.28	57.39	58.01	56.15	57.50	59.61	57.66	23.9	23.4	30.1	30	27.1	25.1	26.6	31	22.8	86	92	49	68	83	87	77.5	.....
18..	58.71	58.90	59.51	57.60	58.73	60.05	58.92	23.9	23.6	28	29.8	28.4	24	26.3	30.5	23.3	91	95	85	73	78	82	84	.8
19..	58.97	58.98	59.12	56.77	57.61	58.65	58.35	23.2	23.2	27.8	28.6	27.3	25	25.8	29.8	22.8	89	95	82	73	81	84	84	.3
20..	58.10	58.47	58.63	56.30	57.40	58.87	57.96	23.5	23.5	28.7	30.3	27.5	25	26.4	30.9	23.1	89	93	76	69	76	82	80.8	4.6
21..	58.17	58.57	59.20	57.14	58.84	60.11	58.67	23.9	23.5	28.7	29.2	26	22.5	25.6	29.5	22.3	89	97	75	72	92	93	86.3	7.5
22..	59.50	59.67	59.32	57.61	58.85	59.80	59.12	22.5	23	28	29.5	26.9	24.4	25.7	29.7	22.1	95	97	78	72	86	88	86	.....
23..	59.02	59.04	58.75	56.56	57.75	58.87	58.33	23.8	23.5	29.2	29.4	27.5	25	26.4	30.6	22.9	91	96	71	74	84	88	84	.....
24..	57.97	58.37	59.14	56.03	56.45	58.23	57.70	24.6	24.1	29.3	30	27.5	24.4	26.6	30.5	23.5	92	95	73	68	80	82	81.7	.....
25..	56.95	56.97	57.04	55.17	56.28	57.75	56.69	23.4	24.5	29.9	30.5	28.5	25.1	27	31.5	23.3	86	91	65	72	74	79	77.8	.....
26..	56.40	56.75	56.99	55.38	57.28	58.55	56.89	24	24.5	30.5	31.7	28.3	26.5	27.6	32.1	23.5	86	92	65	55	79	83	76.7	.....
27..	57.63	57.91	58.60	56.47	57.35	58.89	57.81	25.8	24.6	31.1	30.8	28	24.5	27.5	33	24.2	88	93	67	63	77	82	78.3	2.5
28..	57.71	57.33	58.22	55.78	56.90	58.51	57.41	23.9	23.8	30.3	31.2	28.6	26	27.3	32	23.5	88	95	68	66	81	72	78.3	.....
29..	57.99	58.26	58.77	56.81	57.60	58.88	58.05	24.9	25	30	30.6	27.6	25	27.2	30.9	24.2	80	80	67	68	82	85	77	.....
30..	58.16	58.14	58.81	56.49	58.36	59.55	58.25	24.5	23.7	29.9	32.5	28.3	26.1	27.5	32.7	23.2	89	94	71	60	79	82	79.2	.....
Mean	57.98	58.08	58.64	56.56	57.52	58.89	57.94	24.1	23.9	29	29.8	27.4	25.1	26.5	30.7	23.2	88.7	93.1	72.9	68.7	80.8	84.7	81.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	64.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Mean force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	W	1	W	1	WSW	2	W	3	W	1	SW	1	1.5	10	.....	N. SSW	10	Ci.-S. NE	Fr.-Cu. SW
2..	WSW	1	S	1	SSW	2	WSW	2	W	1	SW	1	1.3	10	Ci.-S.	Fr.-N. SW	10	Ci.-S.	Cu.-N. SW
3..	SW	1	SW	1	SW	2	W	2	Calm	....	SW	1	1.2	10	.....	Cu.-N.WNW	10	Ci.-S.	Cu.-N. NW
4..	Calm	....	S	2	SW	2	SW	1	WSW	3	SW	3	1.8	10	Ci.-S.	Cu.-N.NW	10	Ci.-S.	Cu.-N. NW
5..	SW	1	S	1	S	1	WSW	2	Calm	....	Calm	....	.8	10	.....	Cu.-N.WNW	8	Ci.-S.	Cu.-N. SW
6..	SW	1	SW	1	SW	2	S	3	Calm	....	Calm	....	1.2	10	.....	Cu.-N. SW	8	Ci.-S.	Cu.-N.WSW
7..	.....	.....	S	1	SE	2	WNW	2	S	1	SW	1	1.4	7	Ci.-S. NE	Cu.-N.	5	Ci.-S. NE	Cu.-N.
8..	SW	1	Calm	....	SSW	2	ENE	2	Calm	....	S	1	1	10	Ci.-S.	Cu.-N.NNW	10	.....	Cu.-N. SSW
9..	SW	1	SW	1	W	2	ESE	1	SE	0	SSW	1	1	8	Ci.-S. NE	Cu.-N. SSW	10	.....	N. E
10..	S	1	S	1	N	1	WNW	3	Calm	....	SW	1	1.2	10	Ci.-S.	Cu.-N. E	9	Ci.-S. ESE	Cu.
11..	SW	1	SW	1	ENE	3	EbyN	3	EbyS	1	Calm	....	1.5	9	Ci.-S. NE	S.-Cu.	3	Ci.-S. E	Cu.
12..	SE	1	SbyW	1	N	1	NNE	1	SSE	1	Calm	....	.8	7	A.-Cu. ENE	Cu.	9	Ci.-S.	Cu. E
13..	Calm	....	NNW	3	Calm	....	EbyN	1	ENE	3	E	1	1.3	8	Ci.-S. E	S.-Cu. NNW	10	Ci.-S. SE	Cu.-N.
14..	Calm	....	SW	1	Calm	....	EbyN	3	ESE	2	ESE	1	1.2	2	Ci.-S. N	Cu.	3	Ci.-S. ESE	Cu.
15..	SE	1	SSE	1	EbyN	2	ENE	3	ENE	2	Calm	....	1.5	3	Ci.-S.	Cu. ENE	10	Ci.-S.	S.-Cu.ENE
16..	SE	1	SSE	1	ENE	1	Calm	....	ENE	3	SE	1	1.2	4	Ci.-S.	Cu. NNE	7	Ci.-S. E	Cu.
17..	S	1	SW	1	Calm	....	NNW	1	SW	1	SSW	1	.8	6	A.-Cu.	S.-Cu.ENE	4	A.-Cu. E	Cu.
18..	SW	1	SW	1	NW	2	Calm	....	ENE	3	SSW	1	1.3	10	Ci.-S. S	S.-Cu.	8	Ci.-S. SE	Cu. NE
19..	SW	1	SW	1	ENE	1	Calm	....	ENE	2	SE	1	1	9	Ci.-S. ESE	S.-Cu.	10	Ci.-S. SE	S.-Cu.
20..	S	1	S	1	ENE	2	ENE	3	E	2	SE	1	1.7	10	Ci.-S.	S.-Cu.	4	A.-Cu. SSE	Cu.
21..	Calm	....	S	1	E	1	NNW	1	SE	1	S	1	.8	9	Ci.-S.	Fr.-N. SE	6	A.-Cu. SSE	Cu.
22..	SW	1	SW	1	N	1	NW	2	Calm	....	SW	1	1	9	Ci.-S. SW	S.-Cu.	5	Ci.-S. NE	Cu.
23..	SW	1	SW	1	Calm	....	NW	1	Calm	....	SW	1	.7	8	Ci.-S. NE	S.-Cu.	6	Ci.-S. E	Cu.
24..	SW	1	SW	1	NW	2	W	2	WbyS	1	SW	1	1.3	4	Ci.-S. ENE	Cu.	7	Ci.-S. NE	Cu.
25..	SSW	1	SbyW	2	NW	2	W	3	Calm	....	SbyW	1	1.5	4	A.-Cu.	Cu. SW	4	A.-Cu. SW	Cu. SW
26..	SW	1	Calm	....	W	3	W	2	WbyS	1	WSW	1	1.3	6	Ci.-S. ENE	Cu.	2	Ci.-S.	Cu. SW
27..	SSW	1	Calm	....	ENE	1	WNW	3	WbyS	1	SW	1	1.2	7	Ci.-S.	Cu.-N. WSW	10	Ci.-S. ENE	Cu. SW
28..	WSW	1	WSW	1	W	2	W	2	W	1	WSW	1	1.3	10	Ci.-S.	S.-Cu. SW	7	A.-Cu. SW	Cu.
29..	WSW	1	WSW	1	SSE	2	NW	1	Calm	....	Calm	....	.8	10	Ci.-S.	S.-Cu. S	10	Ci.-S. NE	S.-Cu. SW
30..	SSE	1	S	1	Calm	....	Calm	....	NNW	1	SW	1	.7	9	A.-Cu. NE	S.-Cu.	2	Ci.-S. E	Cu.
Mean	.....	0.8	.....	1	.....	1.5	.....	1.8	.....	1.1	.....	0.9	1.2	8	.....	.....	7.2	.....	.....

NOTE.—The maximum temperatures for September 11 to November 30 are taken from a self-recording instrument.

SURIGAO.

[$\phi = 9°\ 48'$ N; $\lambda = 125°\ 29'$ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

OCTOBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.94	58.92	59.58	57.23	58.43	59.92	58.84	25.2	24.4	30	30.4	26	24.7	26.8	31.1	23.3	87	92	71	68	92	92	83.7	1.5
2..	58.75	58.70	59.04	56.53	57.91	58.96	58.32	23.1	23.3	29	30	26	24.3	26	30.5	22.7	93	94	71	64	84	87	82.2	8.4
3..	58	58.24	58.86	56.67	56.88	58.31	57.83	24.5	24	26.2	28.1	26.5	24.8	25.7	28.8	23.4	92	95	86	75	84	87	86.5	20.1
4..	57.35	57.40	57.87	55.17	56.40	56.58	56.80	24	24.5	27.5	27.9	27.6	26.1	26.3	29	23.8	90	93	76	82	77	79	82.8	2.6
5..	55.61	56.24	56.57	54.72	55.73	55.73	55.77	26.2	25.3	27.4	27.6	25.5	26.6	26.4	29.4	24.9	82	86	78	72	80	76	79	.6
6..	54.90	55.18	55.93	54.17	55.14	55.96	55.21	25.5	27	27.2	27.5	26.5	25.8	26.6	27.7	23.4	71	68	72	72	73	72	71.3	7.7
7..	55.17	55.78	56.59	54.79	56.06	56.61	55.83	25.2	26.5	28.5	29.5	27.5	27.5	27.4	29.8	24.5	71	72	67	58	70	68	67.7	3
8..	56.10	56.77	58.34	56.46	57.44	59.26	57.40	27.5	27.7	30.2	29.5	28.5	24	27.9	30.8	23.3	66	64	58	69	67	74	66.3	2
9..	58.03	58.31	58.80	56.88	58.13	59.51	58.28	23.6	23.5	30.5	31.4	28	25.3	27	31.7	23	84	95	60	60	70	77	74.3	1.5
10..	58.94	59.08	59.48	57.05	58.34	59.79	58.78	23.6	23.5	30.5	30.8	27.3	25.1	26.8	31	22.9	85	95	71	64	82	85	80.3	1.3
11..	58.77	58.94	59.25	56.86	57.88	59.44	58.52	24.3	23.9	29.4	30.5	28.2	26.2	27.1	31.1	23.2	89	94	74	67	77	82	80.5	1
12..	58.83	59.02	59.45	57.47	58.91	59.83	58.92	24.7	24	27	28.5	26	24.7	25.8	29	23.7	89	96	86	74	92	92	88.2	.3
13..	58.75	59.56	60.36	58.39	59.38	60.39	59.47	23.7	23.5	28.1	29	27	24.6	26	29.9	23.2	93	94	77	69	84	87	84	3.8
14..	59.67	59.65	59.64	57.55	58.27	59.69	59.08	24.2	24.3	29.8	29.6	27.2	24.9	26.7	30.5	23.4	91	95	73	72	79	83	82.2	6.6
15..	59.09	58.98	59.21	57	57.64	58.79	58.45	23.8	24	29.9	30.5	28	25.8	27	31.5	23.5	89	96	75	70	81	84	82.5	3.3
16..	58	58.41	58.82	55.85	56.53	57.47	57.51	24.4	24.5	28	30.6	28	25.2	26.8	31.4	23.8	89	93	81	70	81	84	83	.....
17..	56.10	56.23	56.79	54.76	55.41	56.41	55.95	24.7	24	29.5	28	26.3	24.6	26.2	29.9	23.5	89	95	75	85	87	90	86.8	10.6
18..	55.84	56.28	56.87	54.45	55.66	57.23	56.06	24.4	24.2	28.3	29.5	28	25.7	26.7	29.9	23.7	93	97	79	78	81	85	85.5	.....
19..	56.68	56.73	57.47	55.18	56.89	58.28	56.87	24.6	23.7	29.5	30	27.3	24.5	26.6	30.6	23.5	91	97	72	65	82	86	82.2	1
20..	57.10	57.52	57.64	55.81	56.94	57.86	57.14	23.6	23.5	29.3	30	27.5	25.8	26.6	31	23.3	90	96	74	70	84	87	83.5	.....
21..	57.29	57.61	58.27	55.68	57.38	58.65	57.48	24.6	24.5	29.4	30.4	27.7	24.9	26.9	30.8	23.8	91	95	74	69	83	89	83.5	6.4
22..	57.66	58.27	58.86	56.80	57.72	58.98	58.05	24.2	23.6	27	28	26.5	24.9	25.7	28.3	23.4	94	97	86	81	84	87	88.2	12.7
23..	57.91	58.45	59.09	56.36	57.62	58.86	58.05	24.2	23.9	29	28.9	27.5	24.5	26.3	30	23.7	91	97	76	78	84	87	85.5	1.8
24..	58.17	58.57	58.83	57.10?	57.33	58.39	58.06	23.4	23.4	27.4	27	25.8	24.6	25.3	28.3	23	91	97	84	81	89	92	89	.....
25..	57.39	57.99	58.20	55.93	56.70	58.06	57.38	23.4	23.2	28.9	30	28.3	25	26.5	30.7	22.8	96	96	79	71	80	83	84.2	.....
26..	56.52	57.34	57.70	55.21	56.53	57.76	56.84	24.4	24	29.4	30.5	28.5	25.7	27.1	31.2	23.3	89	96	74	67	78	82	81	.....
27..	56.68	57.09	57.61	54.83	56.25	57.67	56.69	24.8	23.9	30	31.9	28.5	25	27.4	32.2	23.3	87	94	71	65	78	82	79.5	.3
28..	56.87	57.98	58.61	56.83	57.85	59.22	57.89	24.3	23.5	30.2	29.9	27.5	25	26.7	31.4	23	88	96	71	72	84	88	83.2	.3
29..	58.40	58.47	59.35	57.69	57.68	59.13	58.45	24.3	23.6	26.3	26.4	25.2	24	25	29.5	23.3	92	97	92	85	95	96	92.8	3.6
30..	57.27	57.72	58.57	56.66	57.33	58.02	57.60	23.9	23.6	29	27.5	26.1	24.3	25.7	30.2	23	96	97	78	81	85	89	87.7	26.4
31..	56.73	56.78	57.67	56.18	56.73	57.25	56.89	23.4	23.5	24	25.5	24	22.7	23.8	25.8	22.1	93	97	94	88	88	89	91.5	20.6
Mean	57.47	57.81	58.37	56.20	57.20	58.32	57.56	24.4	24.2	28.6	29.2	27	25.1	26.4	30.1	23.4	88.1	92.5	76	72.3	81.8	84.5	82.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	147.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	SW	NW	Calm	W	NNW	23.5	21.1	26.9	34	105.5	10	Ci.-S. N	S.-Cu.	9	A.-Cu. ENE	Cu.-N.
2..	SW	SW	NW	WbyN	SbyW	Calm	17.2	33.8	51.2	18.8	121	10	Ci.-S.	S.-Cu. NE	8	Ci.-S.	Cu. WSW
3..	WSW	WNW	W	WNW	WbyS	WSW	29.6	38	37.8	19.1	124.5	10	Ci.-S.	N. W	10	Ci.-S.	S.-Cu. W
4..	Calm	W	SW	WSW	SW	WSW	25.7	69.4	69.2	61.8	226.1	10	Ci.-S.	N. SW	10	Ci.-S.	S.-Cu. SW
5..	SW	SW	WSW	SW	SW	SW	89.5	104.6	146.4	136.8	477.3	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	S.-Cu. SWbyW
6..	SW	WSW	WSW	SW	SW	WSW	180.2	127.1	106.2	78.9	492.4	10	Ci.-S.	Fr.-N. SW	10	Ci.-S.	Cu.-N. SW
7..	SSW	SSW	WSW	W	WSW	SW	96.6	88.5	117.5	96.6	399.2	10	Ci.-S.	S.-Cu. SW	10	A.-Cu.	S.-Cu. SWbyW
8..	SW	SW	WSW	WbyS	SSW	SSW	74	95.8	57.9	18.5	246.2	10	A.-Cu.	S.-Cu. WSW	9	A.-Cu.	S.-Cu. SW
9..	SW	SW	WSW	SW	SW	Calm	18.5	48.3	47.8	16.7	131.3	10	A.-Cu. E	S.-Cu.	7	Ci.-S.	Cu. SW
10..	SW	SSW	EbyN	W	Calm	SW	30	44.5	47.8	16.9	139.2	5	Ci.-S.	cu. sbyW	6	Ci.-S. SE	Cu.
11..	SW	SW	NbyW	ENE	ENE	NE	20.9	30.6	45.6	70.8	167.9	3	Ci.-S. ESE	Cu.	6	A.-Cu.	Cu. EbyN
12..	SE	S	ESE	ESE	EbyS	Calm	15.1	32.7	82.9	11.5	142.2	10	Ci.-S.	S.-Cu. ESE	10	Ci.-S.	N. SE
13..	SW	SW	EbyN	N	SE	Calm	20.4	20.7	17.1	22.2	80.4	8	A.-Cu.	S.-Cu. E	9	Ci.-S. NE	S.-Cu.
14..	S	SbyW	EbyN	ENE	SE	Calm	18	43.8	100.6	15.3	177.7	10	Ci.-S.	S.-Cu. EbyN	9	Ci.-S. NE	Cu.
15..	S	S	E	ENE	ENE	E	22.5	51.5	88.5	56.8	219.3	3	A.-Cu. E	Cu.	4	Ci.-S.	Cu. NE
16..	E	E	E	NbyW	ENE	ENE	18.8	19.3	45.1	47.8	131	8	A.-Cu.	Cu. NE	3	.....	Cu. ENE
17..	SSE	S	E	E	Calm	ESE	21.1	22	44	13.5	100.6	5	.....	Cu. NE	9	A.-Cu.	S.-Cu. NE
18..	SE	SbyE	NbyW	NNW	Calm	SE	13.4	31.4	70.2	23.5	138.5	8	Ci.-S.	S.-Cu. ENE	4	Ci.-S.	S Cu.
19..	SSW	SW	NNE	NW	S	SE	18.2	26.6	a9.4	23.9	a78.1	7	Ci.-S. NE	Cu.	5	Ci.-S.	Cu. E
20..	SW	SW	ENE	Calm	Calm	Calm	17.9	30	1	5.3	54.2	6	Ci.-S.	Cu. ESE	5	Ci.-S.	Cu. SW
21..	S	Calm	E	N	SE	Calm	14.8	14.7	37.8	26	93.3	10	Ci.-S. SW	S.	9	Ci.-S.	Cu. S
22..	SW	SW	Calm	EbyN	EbyS	SE	14.7	7.4	51.5	26.8	100.4	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.-Cu. E
23..	Calm	SW	Calm	NNW	ENE	SE	9.1	8.9	45.3	30.1	93.4	9	Ci.-S. NE	S.-Cu.	8	Ci.-S.	Cu.-N. E
24..	SW	SW	EbyN	EbyS	SE	Calm	20.4	32.4	61.8	9.9	124.5	10	A.-Cu. E	S.-Cu.	10	Ci.-S.	S.-Cu. E
25..	SW	SW	NW	Calm	NE	SE	19.9	24.3	35.1	21.9	101.2	7	Ci.-S. NE	Cu.	7	Ci.-S. NE	Cu.
26..	SSW	SW	NW	NbyW	ENE	SE	16.7	19.6	49.4	34.3	120	3	Ci.-S.	Cu. ENE	3	.....	Cu.
27..	Calm	SSE	ENE	ENE	ENE	S	17.1	52.1	88.5	30	187.7	3	Ci.-S.	Cu.	2	.....	Cu.
28..	S	S	EbyN	NNE	EbyS	SE	10	20.4	48	25.2	103.6	2	Ci.-S.	Cu.	5	A.-Cu.	Cu. ENE
29..	SW	SW	ESE	Calm	Calm	S	17.7	22.2	21.5	18.3	79.7	6	Ci.-S.	Cu. NE	10	Ci.-S.	S.-Cu. NE
30..	Calm	SW	E	E	Calm	SSE	19	49.3	75.1	20.3	163.7	9	A.-Cu. E	S.-Cu.	10	Ci.-S.	S.-Cu. E
31..	S	SbyW	Calm	Calm	ENE	SSW	33	19.6	16.1	20.6	89.3	10	Ci.-S.	N. E	10	A.-Cu.	S.-Cu. NE
Mean	.....	.....	.....	.....	.....	.....	31.1	40.3	56.2	33.9	161.6	7.8	.....	.....	7.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,009.4	....	.....	.....	....	.....	.....

a 3 hours missing.

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

NOVEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p.m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	56.64	56.83	57.46	55.07	55.78	57.06	56.47	22.4	22.4	26.6	28.4	27.4	25.4	25.4	29.2	21.5	91	94	84	58?	82	79	81.3?	5
2..	56.38	56.89	57.48	55.72	56.43	57.23	56.69	24.1	24	25.5	25.5	26	24	24.8	26.4	23.2	91	96	95	92	89	91	92.3	17.2
3..	56.52	57.44	57.96	56.12	56.77	58.09	57.15	23.4	24.6	27.5	27.8	25.7	24.7	25.6	28.2	22.8	92	95	84	84	92	93	90	11
4..	57.48	58.07	58.91	56.94	57.92	58.31	57.94	24	24.5	28.5	29.5	27.2	25.6	26.6	30.5	24	95	97	81	75	83	87	86.3	14
5..	57.88	58.25	59	56.10	57.77	58.87	57.98	25.2	24.9	24.5	24.7	25.5	25.1	25	25.8	23.8	92	96	97	94	92	92	93.8	30.1
6..	57.90	58.12	59.42	57.44	58.75	59.08	58.45	24.2	25.5	25.7	26.5	24	24.1	25	27.2	23.8	91	91	94	87	96	96	92.5	33
7..	58.15	58.63	59.26	57.44	58.47	59.35	58.55	23.5	23.9	29.4	26.1	26.9	25.9	26	29.9	23.3	97	97	79	87	86	89	89.2	4.3
8..	58.32	58.69	59.19	56.72	57.28	57.99	58.03	24	24	28	27.9	26.9	24.1	25.8	29	23.2	93	97	79	82	85	88	87.3	.....
9..	56.85	57.02	57.35	54.85	56.22	57.33	56.60	23.3	23.5	25.5	28	26.6	24.5	25.2	28.4	22.8	92	96	92	79	86	89	89	.....
10..	56.88	57.13	57.81	55.61	56.90	58.18	57.08	23	23	29.4	31	27.9	25	26.6	31.3	22.2	92	96	75	69	84	88	84	.....
11..	56.50	57.13	58.07	56.04	57.50	58.42	57.28	24	24.1	28.1	29	26.9	25.1	26.2	29.6	23.7	91	96	76	80	86	92	86.8	3.6
12..	57.63	57.83	58.71	56.14	57.27	58.50	57.68	24	24.1	29	30	27.4	25.7	26.7	30.3	23.4	96	97	78	69	81	84	84.2	17.5
13..	57.21	58.11	58.61	56.34	57.16	57.68	57.52	24.8	25.9	28.9	28.8	27.5	25	26.8	29.7	24.3	86	89	76	76	81	85	82.2	.....
14..	56.23	56.07	56.32	54.20	55.33	56.35	55.75	24.1	24.5	28.6	25.2	25.5	25.2	25.5	29.5	23.7	90	96	80	94	96	97	92.2	32.1
15..	55.74	56.23	56.91	54.79	55.76	57.23	56.11	23.7	24.2	28.6	27.2	27	25.9	26.1	28.9	23.7	97	98	84	84	86	90	89.8	27.9
16..	56.19	56.66	57.64	56.06	57.24	58.07	56.98	25	24.5	25.5	26.4	24.9	24.4	25.1	27	23.7	94	97	96	88	97	97	94.8	9.2
17..	57.44	57.62	58.13	56.14	57.16	58.02	57.42	24.6	24.1	27.9	28.9	26	24	25.9	29.4	23.4	97	98	82	70	88	90	87.5	.8
18..	57.33	57.74	58.53	56.04	57.02	58.34	57.50	23.2	23.9	27.1	29.2	26.4	24.9	25.8	29.8	23	92	95	87	77	90	91	88.7	2.3
19..	57.60	57.87	58.26	56.50	57.77	58.49	57.75	23.5	23.6	29	29.4	26.5	24.6	26.1	29.8	22.9	90	95	76	75	90	91	86.2	.....
20..	58.23	58.67	59.15	56.73	58.05	58.99	58.30	24	24	28.9	30.1	27	24.3	26.4	30.7	23.7	92	95	76	67	81	85	82.7	.....
21..	58.30	59.13	59.24	57.52	58.28	59.24	58.62	23.8	23.9	28.8	27.6	26.5	22.9	25.6	29.6	22.7	90	96	79	79	92	94	88.3	27.7
22..	58.09	58.34	59.50	57.48	57.98	58.85	58.37	23.1	23.5	26	24.5	24.6	23.8	24.2	27.1	22.7	97	98	86	95	92	93	93.5	47.2
23..	57.72	58.08	58.52	56.34	56.97	58.14	57.63	24.4	24.5	25.4	26	26	25.4	26.5	23.8	95	96	93	88	88	89	91.5	19.5	
24..	56.75	56.87	57.66	55.52	56.60	57.71	56.85	24.2	25	26	28	26	24.5	25.6	28.4	23.8	91	92	92	85	94	95	91.5	10.3
25..	56.64	57.74	59	56.93	57.87	59.13	57.88	23.5	23.5	26	26.5	24.6	23.5	24.6	26.9	23	96	97	94	88	95	96	94.3	3.1
26..	58.06	58.70	59.08	57.41	58.80	58.83	58.48	23.2	23.6	28	24.8	24	23.5	24.5	28.9	23	96	97	81	93	96	96	93.2	6
27..	58.19	58.35	59.05	56.74	57.30	58.46	58.02	22.9	22.5	29	30	27.5	24.4	26	30.5	21.9	97	96	78	71	77	82	83.5	.....
28..	57.88	59.39	59.95	57.99	58.71	59.92	58.97	23.6	23.1	29.4	30.6	27.8	26.5	26.8	31.1	22.9	90	97	78	78	82	90	85.8	2.3
29..	59.42	59.62	60.74	58.90	59.68	60.62	59.83	24.4	23.4	29	29.5	27.2	26	26.6	30.4	23.2	94	97	78	77	86	89	86.8	1.5
30..	59.53	59.45	61.10	58.55	58.93	59.75	59.55	24.3	24	24.4	28.7	26	23.9	25.2	29.7	23.8	93	97	96	79	89	91	90.8	14.3
Mean	57.46	57.89	58.60	56.48	57.46	58.41	57.71	23.8	24	27.5	27.9	26.3	24.8	25.7	29	23.2	93	95.8	84.2	80.7	88.1	90.3	88.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	339.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SSW	SSW	ENE	NNW	NE	SSE	24.1	18	71.1	22.2	135.4	9	Ci.-S.	S.-Cu. ENE	9	A.-Cu. ENE	S.-Cu.
2..	Calm	SSW	ENE	ESE	NNE	S	13.9	42.4	55.8	46.9	159	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	N. E
3..	SSE	ENE	ENE	ESE	Calm	SSW	19.6	66	58.7	11.3	155.6	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	N. E
4..	E	EbyS	EbyN	ENE	ENE	Calm	22.2	83.2	111	17.1	233.5	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.-Cu. E
5..	ENE	N	EbyN	ESE	ENE	ESE	24.4	77.5	96.6	110.2	308.7	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. ESE
6..	ESE	ESE	E	E	ESE	SE	73.2	61.2	102.5	40.7	277.6	10	Ci.-S.	S.-Cu. EbyS	10	Ci.-S.	S.-Cu. E
7..	SE	SE	ENE	ENE	ENE	ENE	12.1	41	79.7	69.4	202.2	10	Ci.-S.	S.-Cu. ESE	10	Ci.-S.	N. ENE
8..	S	Calm	NW	NNW	NW	SW	14.2	15.5	50.2	18.2	98.1	8	A.-Cu. ENE	Cu.-N.	8	Ci.-S. NE	S.-Cu. NNW
9..	SW	SW	SW	Calm	SE	S	24.3	15.1	22.7	22.3?	84.4	10	Ci.-S.	S.-Cu. NW	9	Ci.-S. SE	S.
10..	SbyW	SbyW	EbyS	EbyN	ENE	SE	19.3?	38.6	74.6	26.8	159.3	4	A.-Cu. SE	Cu.	6	Ci.-S. N	Cu.
11..	SSW	SSW	Calm	NNW	EbyN	S	13.5	25.5	40	16.6	95.6	8	Ci.-S.	S.-Cu. NE	6	Ci.-S.	Cu. S
12..	SW	SW	NW	WNW	SW	Calm	21.7	25.7	50.5	7.4	105.3	5	Ci.-S.	Cu.-N. NW	4	Ci.-S.	Cu. W
13..	Calm	W	WbyN	WNW	Calm	SW	14.5?	33.8?	25.4	19	92.7	10	Ci.-S.	S.-Cu. W	10	Ci.-S.	S.-Cu. NNW
14..	SW	SW	S	SSW	Calm	NE	23.6	24.3	31.6	57.3	136.8	10	Ci.-S.	S.-Cu. NW	10	Ci.-S.	S.-Cu. SSW
15..	ENE	ENE	EbyN	Calm	ENE	Calm	12.9	39.7	54.2	46.1	152.9	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	s.-Cu. EbyN
16..	Calm	S	Calm	NNW	SW	SW	19.6	22.8	21.4	14.3	78.1	10	Ci.-S.	Fr.-N. E	10	Ci.-S.	S.-Cu. NNW
17..	W	W	WNW	WNW	SW	SW	16.4	33.2	36	19.3	104.9	10	Ci.-S.	Fr.-N. W	9	Ci.-S.	S.-Cu. WSW
18..	SW	SW	N	NNW	Calm	SW	21.2	21.5	22.3	15.6	80.6	7	Ci.-S. E	S.-Cu.	4	Ci.-S.	Cu. SW
19..	SW	SW	ENE	NNW	Calm	SSW	22.5	32.8	21.9	16.7	93.9	6	Ci.-S. E	Cu.	6	Ci.-S.	Cu. SSW
20..	SW	Calm	Calm	NW	Calm	SW	18.5	18	24.3	19.3	80.1	4	Ci.-S.	S.-Cu. WSW	2	Ci.-S.	Cu.
21..	SW	WSW	NbyE	NbyW	Calm	SSW	19.6	24.1	15.5	30.8	90	9	Ci.-S.	S.-Cu. NbyE	7	A.-Cu.	Cu. NNE
22..	SSW	SSW	EbyN	ESE	Calm	ENE	12.4	34.4	35.7	19.3	101.8	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	N. E
23..	N	EbyN	ENE	EbyN	ESE	ESE	21.9	65	89.3	54.5	230.7	10	Ci.-S.	Fr.-N. ENE	10	Ci.-S.	Fr.-N. ENE
24..	SSE	SbyE	Calm	NNW	Calm	Calm	36.4	22.2	24.1	24.7	107.4	9	Ci.-S.	S.-Cu. ENE	6	A.-Cu. NE	Cu.-N.
25..	SSE	S	EbyS	Calm	Calm	SW	15.3	18.2	12.6	17.2	63.3	10	Ci.-S.	Fr.-N. ESE	10	Ci.-S.	Fr.-N. SE
26..	SW	SW	ENE	SW	SE	S	20.1	17.7	33.8	22.8	94.4	10	Ci.-S.	S.-Cu. SSE	10	Ci.-S.	S.-Cu. SE
27..	SSW	SSW	E	E	ENE	Calm	16.4	34.1	69.8	15.5	135.8	10	Ci.-S. E	S.-Cu.	3	Ci.-S.	Cu. E
28..	SE	SE	ENE	Calm	ENE	ENE	17.1	11.9	42.4	45.9	117.3	3	Ci.-S. E	Cu.	3	Ci.-S.	Cu. E
29..	E	E	ENE	Calm	ENE	Calm	11.5	40.8	31.6	28.8	112.7	4	A.-Cu.	Cu. E	7	Ci.-S.	Cu. ESE
30..	SW	SSW	SSE	EbyN	SE	SE	14.2	26.9	73.7	13.2	128	7	Ci.-S.	Cu. E	9	A.-Cu.	Cu.-N. E
Mean	.....	.....	.....	.....	.....	.....	20.6	34.4	49.3	29.6	133.9	8.4	.....	.....	7.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,016.1	.....	.....	.....	.....	.....	.....

SURIGAO.

[$\phi = 9°\ 48'$ N; $\lambda = 125°\ 29'$ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

DECEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.09	59.52	60.40	57.90	58.34	60.09	59.22	23.9	23.9	28.7	28.5	27	24.7	26.1	30.4	23.6	93	97	78	80	80	85	85.5	.....
2..	59.07	59.34	59.95	58.54	59.07	59.34	59.22	23.6	23	28.5	25	24.5	24	24.8	29.9	22.8	90	97	81	95	93	94	91.7	14.2
3..	58.72	59.40	60.34	58.55	59.22	59.85	59.35	23.4	23.5	29	29.4	27	26.6	26.5	30.9	22.8	95	97	78	76	86	83	85.8	4.9
4..	58.91	59.40	59.92	57.86	59.25	59.67	59.17	24.6	26.3	27.3	29	25.4	25.3	26.3	29.9	23.5	79	76	80	78	93	94	83.3	13.6
5..	58.55	58.60	58.96	57.01	57.91	57.46	58.08	23.4	23	27.5	27.5	27.1	26.3	25.8	28.5	22.3	96	97	84	78	83	85	87.2	4.8
6..	56.60	56.54	56.96	55.01	56.20	56.44	56.29	24	23.9	28.1	27	24	24.6	25.3	28.9	23.6	86	97	81	84	97	97	90.3	48.4
7..	54.92	55.53	56.19	53.87	54.90	55.69	55.18	24.3	24	27.4	26.8	26.6	25.1	25.7	28.4	23.4	97	96	82	89	87	90	90.2	8.8
8..	54.10	55.04	55.86	53.67	54.91	56.46	55.01	24	23.8	27.5	28	26.7	24.1	25.7	28.9	23.3	93	97	87	79	90	92	89.7	.....
9..	55.77	56.95	57.71	55.64	56.99	59.04	57.02	23	22.5	29.5	29.7	27.5	24	26	32	22.3	95	96	71	69	81	85	82.8	10.6
10..	57.77	58.09	58.14	55.80	56.68	57.62	57.35	23.1	22.4	28.4	30	25.5	25.5	25.8	31.1	22	90	96	85	71	92	93	87.8	16.5
11..	56.12	56.97	57.98	55.44	56.82	57.73	56.84	24.1	23.9	26.5	28.6	26.5	23.4	25.5	29.8	23.3	95	97	88	76	87	90	88.8	38.8
12..	56.82	57.40	57.97	56.39	57.21	58.37	57.36	23.3	23	28.5	30	27.5	25.9	26.4	30.5	22.7	93	97	78	71	81	85	84.2	.....
13..	57.88	57.98	58.32	56.56	57.59	58.83	57.86	24.2	24	29.4	30	28	25.8	26.9	31.4	23.8	91	96	74	72	81	85	83.2	.....
14..	58.04	57.94	58.96	57.50	57.26	58.36	58.01	24.3	23.5	29.4	28	27.3	24.1	26.1	31.8	23.1	91	96	72	78	82	86	84.2	1.3
15..	57.84	58.12	59	56.66	57.16	58.48	57.88	24.1	23.9	29.8	28.5	27.4	25.4	26.5	30.4	23.4	91	97	76	82	81	85	85.3	2.6
16..	57.24	56.89	57.78	55.76	56.77	57.28	56.95	24.1	23.9	29.4	27.9	27.1	25	26.2	31.3	23.2	91	97	81	88	83	88	88	10.9
17..	56.78	57.07	57.82	55.88	57.11	57.93	57.10	24	23.6	29.3	30.2	27.8	25.3	26.7	31.6	23.4	92	98	75	66	79	84	82.3	20.8
18..	57.30	58.27	58.86	56.72	58.01	58.63	57.96	23.6	23	29	29	27.5	24.9	26.2	30.6	22.8	90	96	81	74	81	85	84.5	1.5
19..	58.06	58.09	58.70	56.98	57.89	58.47	58.03	24.1	23.8	28.5	27	24.6	26.6	25.8	29.2	23.5	91	97	81	87	92	93	90.2	9.1
20..	57.60	58.02	58.21	56.38	57.63	58.38	57.70	24.2	24	28.6	29.9	25.4	24.3	26.1	30.8	23.4	93	94	80	75	94	94	88.3	11
21..	57.94	58.30	58.65	56.42	56.81	57.59	57.62	23.8	23.3	24.5	26.5	26.6	24.8	24.9	29.9	23.1	94	94	92	90	87	90	91.2	32.3
22..	56.98	58.07	58.51	56.35	57.47	57.90	57.55	24.4	24	27.1	26.1	24.4	23.5	24.9	28.6	23	93	97	87	90	93	94	92.3	39.4
23..	56.75	57.10	58.24	56.39	57.11	58.19	57.30	23.4	23.9	24	25.5	25	23.8	24.3	25.9	23	95	97	97	86	92	93	93.3	23.1
24..	57.12	57.35	58.38	55.59	57.02	57.53	57.16	23.3	23.5	25.5	26.4	25	24.2	24.6	27.4	23	95	97	94	86	95	96	93.8	6.4
25..	56.55	56.57	57.09	54.96	55.58	56.24	56.16	23.7	23.5	27.6	27.3	24.1	23.8	25	28.8	23.2	97	97	80	86	96	97	92.2	3.3
26..	55.50	55.55	56.42	54.49	55.62	56.34	55.65	23.1	23.1	28.6	29.5	26	24.2	25.8	30.3	22.6	97	98	73	68	90	91	86.2	.....
27..	55.57	56.19	56.90	54.81	55.76	56.80	56	23	23	28	28.5	27	26.4	26	29.1	22.4	93	95	81	80	86	88	87.2	4.3
28..	55.98	56.17	57.21	55.17	55.85	57.07	56.24	24.8	26	27.6	28	26	24.6	26.2	29	23.8	89	91	84	82	92	92	88.3	3.1
29..	56.94	57.12	57.99	56.07	56.71	57.86	57.12	23.8	24	27.5	27.9	27.6	24.7	25.9	28.6	23.2	94	96	77	81	81	85	85.7	.....
30..	56.60	56.74	58.36	56.16	56.62	58.19	57.11	24	23.5	27.9	28	26.5	24.6	25.8	30.2	23.2	91	96	82	81	88	89	87.8	.5
31..	57.37	57.44	58.71	56.62	57.89	58.87	57.82	24	24	27	28.7	25	23.6	25.4	30.3	23.4	91	92	80	77	88	90	86.3	.5
Mean	57.11	57.48	58.21	56.17	57.08	57.96	57.33	23.8	23.7	27.9	28.1	26.2	24.8	25.8	29.8	23.1	92.3	95.5	81.3	79.8	87.5	89.6	87.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	330.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	SW	ENE	NbyW	NE	SE	14.5	17.2	42	25.5	99.2	8	A.-Cu.	S.-Cu. E	5	Ci.-S.	Cu. ESE
2..	SW	SW	NW	ESE	S	SW	20.9	32.7	30	17.9	101.5	6	Ci.-S. SE	Cu.	10	Ci.-S.	S.-Cu. ENE
3..	SW	SW	ENE	ENE	ENE	ENE	17.7	14.2	39.9	46.2	118	7	A.-Cu. ESE	S.-Cu.	9	A.-Cu.	Cu.-N. E
4..	SE	EbyN	EbyN	EbyN	ENE	NE	56.3	99.8	79.2	14.7	250	5	A.-Cu.	Cu. E	8	Ci.-S.	Cu. E
5..	SW	SW	ENE	ENE	ENE	ENE	14.3	62.5	111	48.3	236.1	10	Ci.-S.	S.-Cu. ENE	9	Ci.-S.	S.-Cu. ENE
6..	SE	S	EbyN	ENE	S	W	20.3	73	41.2	17.9	152.4	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N. ENE
7..	SW	W	NNW	N	ENE	ENE	9.9	40.5	34.8	39.2	124.4	10	Ci.-S.	S.-Cu. NNW	10	Ci.-S.	S.-Cu. NNE
8..	SbyE	Calm	ENE	EbyN	ESE	SE	18.8	15	46.2	14	94	8	Ci.-S.	S.-Cu. EbyN	9	Ci.-S. SE	Cu.
9..	SE	SbyW	ENE	NbyE	Calm	NE	16.6	29.5	20.4	33.3	99.8	6	Ci.-S. SE	S.-Cu.	6	Ci.-S. E	Cu.
10..	SSW	SSW	ENE	E	Calm	NE	18.2	23.6	40.7	24.3	106.8	8	A.-Cu. ENE	S.-Cu.	6	A.-Cu. ENE	Cu.
11..	Calm	S	S	NbyW	NNE	E	11.6	15.8	21.5	20.6	69.5	10	Ci.-S.	N. E	8	A.-Cu. E	Cu.
12..	E	Calm	ENE	EbyN	ENE	SE	16.6	39.7	66.6	56.8	179.7	6	A.-Cu. E	Cu.	4	Ci.-S. NE	Cu.
13..	SSE	Calm	E	EbyN	ENE	Calm	10.8	42.8	63.9	42.4	159.9	5	Ci.-S.	Cu. ENE	7	Ci.-S. S	Cu.
14..	SE	SSE	E	NNW	ENE	SE	16.9	44.1	73.5	29.6	164.1	2	Ci.-S.	Cu.	6	.....	Cu.-N. E
15..	SSE	SSE	E	NNW	ENE	ENE	17.5	14.2	50.9	33	115.6	8	Ci.-S.	S.-Cu. ENE	5	Ci.-S.	Cu. E
16..	SE	SE	E	ENE	ENE	ESE	17.4	16.1	31.1	37.5	102.1	10	Ci.-S. SE	S.-Cu. E	10	Ci.-S.	N. EbyN
17..	SE	SE	ENE	EbyN	ENE	ENE	14.7	48.3	36.4	51.5	150.9	8	Ci.-S. SE	Cu.	7	Ci.-S. SE	Cu. E
18..	SE	SbyW	ENE	N	ENE	ESE	28.2	12.1	44.3	46.5	131.1	10	A.-Cu.	S.-Cu. NEbyE	8	Ci.-S. SE	Cu.
19..	SE	SE	EbyN	ESE	Calm	ENE	16.3	51	65.4	77.3	210	8	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.-Cu. E
20..	SE	SSE	ESE	EbyN	ENE	SSE	24.4	55.8	75	20.6	175.8	8	A.-Cu. E	S.-Cu. E	8	Ci.-S.	S.-Cu. E
21..	SW	SW	E	ESE	ENE	ENE	19.8	35.9	38	62.2	155.9	4	Ci.-S.	Cu. E	8	A.-Cu.	S.-Cu. E
22..	E	Calm	Calm	E	ENE	SE	15.3	15	37	22.3	89.6	10	Ci.-S.	S.-Cu. ENE	9	Ci.-S.	N. NE
23..	SE	SE	Calm	Calm	Calm	Calm	21.7	19.1	3.2	8.5	52.5	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	S.-Cu. ENE
24..	ESE	Calm	Calm	Calm	SE	S	17.2	3.2	7.7	13.7	41.8	10	Ci.-S.	Fr.-N. E	10	Ci.-S.	S.-Cu. SE
25..	S	Calm	NE	EbyN	SbyW	SSW	15.9	16.4	33.6	15.6	81.5	5	A.-Cu. SW	S.-Cu.	10	Ci.-S.	S.-Cu. NE
26..	SSW	WSW	WNW	W	Calm	SW	14.5	25.2	25.1	18	82.8	8	Ci.-S.	S.-Cu. SW	8	Ci.-S. E	Cu.
27..	SW	SSW	NNW	NNW	NNW	NNW	21.9	42.8	62	41	167.7	10	Ci.-S. SE	Cu.	9	Ci.-S. S	S.-Cu.
28..	NW	NW	NW	NW	WSW	Calm	14.5	36.2	19.5	19.6	89.8	10	Ci.-S.	S.-Cu. NW	10	Ci.-S.	S.-Cu. SW
29..	SW	SW	N	NNW	NbyW	SW	19.6	24.6	27.2	21.1	92.5	10	Ci.-S.	S.-Cu. NW	8	Ci.-S. NE	Cu.
30..	SW	Calm	NW	N	Calm	SW	18.2	20.4	21.4	18.7	78.7	4	A.-Cu. NE	S.-Cu.	7	A.-Cu. SW	S.-Cu.
31..	Calm	SW	NW	WNW	Calm	WSW	12.7	40	40.5	9.2	102.4	9	A.-Cu.	S.-Cu. WSW	9	Ci.-S.	S.-Cu. WSW
Mean	.....	.....	.....	.....	.....	.....	18.5	33.1	42.9	30.5	125	7.8	.....	.....	8.2	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,876.1	.....	.....	.....	.....	.....	.....

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

JANUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humdiity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	57.60	58.45	59.39	57.22	58.15	59.19	58.33	25.5	24.2	29	28.6	27.3	25.5	26.7	30.4	24	82	82	63	60	75	78	73.3	.....
2..	58.08	58.86	60.04	57.27	58.39	59.74	58.73	24.8	24.5	29.2	30.5	28.4	26	27.2	31.8	24	84	83	67	65	71	77	74.5	.....
3..	58.60	59.09	60.27	57.62	59.31	60.45	59.22	25.2	24.6	30.5	30.1	24.9	25	26.7	31	23.9	80	90	66	64	88	88	79.3	1.8
4..	59.36	59.93	61.12	59.12	60.42	61.88	60.30	24.8	25.1	27.5	28.1	26.1	25.2	26.1	29.1	24.2	79	81	74	69	82	79	77.3	.5
5..	61.34	61.84	63.19	61.43	61.96	63.06	62.14	24.8	25	27.1	25.7	25.5	23.6	25.3	28.5	22.5	75	68	64	80	77	83	74.5	7.4
6..	62.41	62.45	63.02	61.04	61.15	61.54	61.94	23.4	24.7	27	27	26	24.8	25.5	27.7	22.7	81	72	58	63	69	79	70.3	.....
7..	60.58	60.66	62.37	60.33	60.19	61.53	60.94	24.6	25.5	25.5	28	26.5	24.6	25.8	28.5	24.2	79	72	78	65	71	80	74.2	.....
8..	61.04	61.21	63.24	61.42	61.62	62.35	61.81	24	23.8	27	28	26.5	25.5	25.8	28.2	22.7	81	84	70	67	70	84	76	3
9..	62.16	62.69	63.19	60.54	61.83	62.91	62.22	25.2	23.5	27.5	28.9	25.1	25.2	25.9	29.2	22.9	84	97	73	62	90	82	81.3	8.9
10..	62.36	61.99	62.58	60.72	61.41	62.13	61.86	24.8	24.6	27.6	28.5	25.5	25.5	26.1	28.9	23.5	85	79	64	66	80	76	75	12.2
11..	61.46	61	61.96	59.49	60.21	61.94	61.01	24.6	24.5	25.5	26.5	23	23.2	24.6	27.5	22.5	83	84	79	96	90	85.8	39.6	
12..	61.55	60.11	61.24	59.37	59.67	60.78	60.45	22.8	24.3	27.5	27.5	26	25.9	25.7	28.3	22.4	91	81	70	70	77	78	77.8	.8
13..	60.53	59.31	60.62	59.04	58.82	60.38	59.78	24.6	24.1	28	27.8	27	25.5	26.2	29	23.6	81	82	68	69	80	86	77.7	.3
14..	59.25	59.29	60.47	58.39	58.99	60.23	59.44	25	25	27.6	27.1	26.5	24.5	26	28.5	24.4	90	83	74	72	80	83	80.3	.8
15..	59.51	59.24	60.57	57.54	58.25	59.22	59.06	24	24.4	27.5	28.6	27.5	25.5	26.2	29.5	23.8	83	80	70	68	77	80	76.3	.....
16..	57.98	58.71	59.27	57.43	58.64	59.29	58.55	24.6	25	28.1	27.5	26.9	25	26.2	29.5	24.2	82	74	66	70	74	82	74.7	.....
17..	58	58.31	59.52	57.34	57.63	59.05	58.31	25.5	25.5	28.5	28.8	27.5	25.2	26.8	29.7	24.2	79	78	66	69	72	82	74.3	5.1
18..	57.88	58.16	58.98	56.19	57.21	58.94	57.89	25	25.5	27.5	28	26.4	25	26.2	29.8	24.6	83	82	77	74	86	82	80.7	1.6
19..	57.72	57.33	59.04	56.12	56.96	58.36	57.59	24.5	24.5	28	29	27	25	26.3	30.2	23.6	82	86	74	68	77	90	79.5	.3
20..	57.76	57.41	58.73	56.39	56.45	58.41	57.52	25	24	27.9	28.7	28	25.8	26.6	29.6	23.7	88	94	74	66	74	80	79.3	.....
21..	57.59	57.48	58.98	56.32	57.64	58.91	57.82	25.5	25	28.2	29	27.8	25.6	26.8	29.7	24.3	80	88	74	70	68	74	75.7	.....
22..	57.63	58.03	58.82	56.31	57.19	58.65	57.77	24.2	24	28.5	29.9	27.6	26.4	26.8	30.1	23.2	82	83	77	69	78	79	78	3.3
23..	58.32	58.60	58.93	56.73	57.18	58.60	58.06	24.4	24.1	29	28.6	28.5	25.5	26.7	30.1	23.8	88	91	71	66	61	79	76	.....
24..	58.18	58.35	58.92	57.02	57.46	58.98	58.15	24.6	24.7	28.5	28.7	27.2	26.5	26.7	30	24	81	91	70	71	77	79	78.2	2.9
25..	58.19	58.63	59.35	58.05	58.31	59.88	58.74	25.8	24.5	27	28.6	28	25.5	26.6	29.1	23.8	79	91	79	63	63	74	74.8	.....
26..	59.28	59.31	59.37	57.83	58.46	59.51	58.96	24.2	24	28.5	28.6	28.5	24.5	26.4	29.8	23.5	82	87	67	67	67	87	76.2	7.1
27..	58.89	58.91	59.72	57.52	58.46	59.29	58.80	24.6	24.5	28	29	25.3	25.4	26.1	29.6	23.7	92	83	65	61	85	82	78	.....
28..	58.30	58.11	59.48	57.39	57.49	59.45	58.37	24.5	24.8	27.7	28	27.5	25.2	26.3	29.2	24.2	84	85	76	67	73	82	77.8	2.3
29..	58.62	58.32	59.65	57.75	58.34	60.28	58.83	25.1	24.6	27.5	28.6	27.7	25.9	26.6	29.4	24	81	80	72	63	68	74	73	.....
30..	59.09	59.10	60.05	57.89	58.04	59.65	58.97	25.3	24.4	28.6	29.3	28.2	25.6	26.9	30.1	23.6	74	77	61	59	63	71	67.5	.....
31..	58.96	58.85	59.60	56.93	57.45	59.20	58.50	24.7	24.3	28.4	28.6	27.4	25.5	26.5	30.2	23.6	78	79	70	58	70	74	71.5	.....
Mean	59.30	59.35	60.38	58.19	58.82	60.12	59.36	24.7	24.6	27.9	28.4	26.8	25.3	26.3	29.4	23.7	82.4	82.8	70.4	67.1	75.5	80.5	76.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	97.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	N	NE	NE	NE	N	56.7	61.7	95	47.5	260.9	5	Ci.-S.	Cu.	6	Ci.-S.	Cu.
2..	NW	NW	Calm	S	NE	N	54.2	39.9	51.5	48.8	194.4	3	Ci.	Cu.	3	Ci.	Cu.
3..	N	NW	NE	NE	N	N	38.5	42.3	124.2	58.1	263.1	2	Ci.	Cu.	4	Ci.	Cu.-N.
4..	N	N	N	NE	N	NE	70.3	84.2	120.2	80.4	355.1	6	Ci.-Cu.	cu.-N. ENE	5	Ci.-S.	S.-Cu. ENE
5..	N	N	NE	NE	N	N	121.3	169.3	103	118.3	511.9	8	Ci.-S.	S.-Cu. E	10	Ci.-S.	N. E
6..	N	N	NE	NE	E	N	99.8	174.6	177.8	123.1	575.3	10	Ci.-S.	Cu.-N. E	8	Ci.-S.	S.-Cu. ENE
7..	N	N	NE	NE	N	N	97.2	120.1	158.5	54.7	430.5	7	Ci.-S.	S.-Cu.ENE	4	Ci.-Cu.	Cu. ENE
8..	N	N	N	NE	N	N	65.7	92.8	98.2	75.6	332.3	8	Ci.-S.	Cu. ENE	6	Ci.-S.	Cu. ENE
9..	N	N	NE	NE	N	N	87.7	144	172.5	80.5	484.7	10	.....	N.	6	Ci.-S.	Cu. ENE
10..	N	N	NE	NE	N	N	91.4	168.7	136.2	79.6	475.9	6	Ci.-S.	S.-Cu.ENE	8	Ci.-S.	Cu. ENE
11..	N	N	N	NE	N	N	138.7	159.3	157.7	122	577.7	10	Ci.-S.	N. ENE	10	.....	N. ENE
12..	N	N	NE	NE	N	N	117	140.2	119.7	71.9	448.8	8	Ci.-S.	S.-Cu.ENE	10	Ci.-S.	S.-Cu. ENE
13..	N	NE	NE	NE	N	NE	77.4	132.3	115.6	86.7	412	4	Ci.-S.	S.-Cu.ENE	6	Ci.	Cu. ENE
14..	N	N	NE	NE	NE	N	77.2	105.1	132	59.2	373.5	7	Ci.-S.	S.-Cu.ENE	8	Ci.-S.	Cu. ENE
15..	N	N	NE	NE	NE	NE	60.6	101.9	147.8	68.4	378.7	5	Ci.-S.	Cu. ENE	4	Ci.-S.	Cu. NNE
16..	N	N	NE	NE	N	N	86.9	135.3	137.8	73	433	6	Ci.-S.	S.-Cu.ENE	8	.....	N. ENE
17..	N	N	N	NE	N	N	77.2	101.4	137.6	64.2	380.4	8	Ci.-S.	S.-Cu.ENE	8	Ci.-S.	Cu.-N. NNE
18..	N	N	NE	NE	NE	N	65.5	125.5	121.5	82.1	394.6	4	Ci.-S.	Cu. ENE	4	Ci.-S.	Cu. ENE
19..	N	N	NE	Calm	NE	N	53.1	37	68.4	56.7	215.2	8	Ci.-S.	Cu.	8	Ci.-S.	Cu. ENE
20..	N	NW	NE	NE	N	N	49.5	40.9	103.9	47	241.3	8	Ci.-S.	S.-Cu.	3	Ci.	Cu.
21..	N	N	NE	NE	NE	Calm	60	66.8	84.4	31.6	242.8	3	Ci.	Cu.	2	Ci.	Cu.
22..	Calm	N	NE	NE	NE	Calm	25.7	69.2	110	48.8	253.7	3	Ci.	Cu.	4	Ci.	Cu. NE
23..	Calm	NE	Calm	NE	NE	N	24.6	41	86.9	42.6	195.1	8	Ci.-S.	S.-Cu.	2	Ci.	Cu.
24..	Calm	N	NE	NE	NE	NE	40.2	62	135.2	93.5	330.9	5	Ci.	Cu.	6	Ci.	Cu.
25..	Calm	N	NE	NE	NE	N	45	102.2	99.8	96.6	343.6	6	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.
26..	N	N	NE	NE	NE	NE	36.2	99	107	53.9	296.1	7	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu. ENE
27..	N	N	NE	NE	NE	N	67	114.9	120.7	90.1	392.7	4	Ci.-S.	Cu. ENE	3	Ci.	Cu. ENE
28..	N	N	NE	NE	NE	N	59.5	88.5	91.8	86.9	326.7	4	Ci.	Cu. ENE	4	Ci.	Cu. ENE
29..	N	N	NE	NE	NE	N	80.5	113.5	121.5	.....	[a]315.5	3	Ci.	Cu.	7	Ci.-S.	Cu. ENE
30..	N	N	NE	NE	NE	N	.....	85.3?	98.7	62.5	[a]246.5	4	Ci.	Cu.	2	Ci.	Cu.
31..	N	N	NE	NE	NE	N	48.1	54.2	88.9	57.6	248.8	3	Ci.	Cu. ENE	6	Ci.-S.	Cu. ENE
Mean	.....	.....	.....	.....	.....	.....	69.1	99.1	116.9	72.1	352.6	5.9	.....	.....	5.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,931.7	.....	.....	.....	.....	.....	.....

[a] 6 hours missing.

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

FEBRUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.35	58.37	59.08	56.94	57.39	58.86	58.16	24.5	24.2	29	27.8	27.3	25.5	26.4	29.2	23.9	81	80	67	68	75	78	74.8	0.5
2..	58.01	58.25	59.35	57.05	57.46	59.34	58.24	24.9	23.8	24.6	27.1	26.8	26	25.5	27.5	23.8	80	83	83	71	76	77	78.3	.5
3..	58.48	58.44	60.15	58.22	59.04	60.84	59.20	25	25	26.9	27.9	27	24.2	26	28.3	23.2	80	79	70	74	72	82	76.2	25.9
4..	60.05	59.63	61	59.44	60.12	61.46	60.28	24.3	24.3	27.5	28.2	27.3	25	26.1	28.4	24	81	79	64	62	68	76	71.7	.....
5..	60.29	60.69	62.02	60.08	60.47	61.93	60.91	24	23.8	27.2	28.2	27.6	26.2	26.2	28.5	23.7	80	83	68	63	66	73	72.2	2.3
6..	61.11	61.53	62.44	60.48	61.40	62.10	61.51	24	23.8	26.7	28	27.2	25.7	25.9	28.3	22.8	81	81	71	65	70	77	74.2	3.3
7..	61.05	61.06	62.18	60.04	60.42	62.15	61.15	24	24.2	27.2	28	26.4	25.2	25.8	28.9	23.7	83	82	68	68	76	77	75.7	.....
8..	61.35	60.95	61.68	59.99	60.42	61.46	60.98	24.3	24.1	28	28.3	26.8	25.2	26.1	28.5	23.8	81	82	65	68	71	74	73.5	.....
9..	60.66	60.69	61.47	59.11	59.85	60.89	60.44	25	24.6	27.5	28.5	27.7	24.1	26.2	29.2	22.2	76	79	73	69	72	85	75.7	34.3
10..	60.22	60.45	61.54	59.16	59.70	61.05	60.35	23.3	23.5	27.5	27.8	26.6	24.5	25.5	27.9	23	88	89	71	68	78	83	79.5	7.7
11..	60.42	60.28	61.04	58.79	59.64	60.91	60.18	23.2	23.2	27.4	28.3	27	25.2	25.7	28.5	23	88	86	72	68	72	77	77.2	.....
12..	60.40	60.45	61.67	59.39	60.08	61.20	60.53	24.4	24.9	28	29	27.1	24.9	26.4	29.5	23.9	80	80	66	58	69	78	71.8	.....
13..	60.48	60.35	61.12	58.81	59.89	61.18	60.30	24.3	24.5	27.5	29.2	27.3	25.8	26.4	29.4	23.7	80	78	68	66	71	77	73.3	.....
14..	60.06	60.01	60.93	59.04	59.65	61.45	60.19	24.6	25	27.3	27.3	24.9	24.5	25.6	27.5	23.5	82	76	74	72	89	82	79.2	11.5
15..	60.90	61.14	61.73	59.22	60.02	61	60.67	23.9	23.4	25.4	28.4	27.1	25.7	25.6	29.2	23.1	84	88	83	64	75	78	78.7	4.8
16..	60.03	60.38	61.10	58.86	59.28	60.25	59.98	24.4	24.3	28	28.6	27.3	25.3	26.3	29.4	23.8	81	80	70	63	75	80	74.8	.....
17..	59.25	59.74	60.40	57.79	58.10	59.43	59.12	24.3	24.2	28.1	28.9	27.5	25.9	26.5	29.9	23.9	83	83	70	64	73	77	75	.....
18..	58.08	58.01	58.87	56.68	57.10	58.76	57.92	24.8	24.4	27	27.8	24.9	24.6	25.6	28.2	22.7	83	83	73	68	88	85	80	6.6
19..	57.10	57.37	58.79	56.80	57.44	58.66	57.69	24.3	24	27.4	26.6	26.5	24.9	25.6	29.9	23.8	88	88	74	84	82	84	83.3	.5
20..	58.17	58.46	59.27	57.70	58.42	59.44	58.58	24.2	23.3	28.4	28.4	24.7	25.1	25.7	29.9	23.1	86	90	70	69	86	81	80.3	4.3
21..	59.43	59.69	60.52	58.56	59.48	61	59.78	24.4	24.3	28	28	26.6	24.7	26	28.3	24	82	82	70	67	76	81	76.3	.....
22..	59.90	59.91	60.42	58.66	58.92	60.58	59.73	24.2	24	28	29	26.8	25.8	26.3	29.4	23.2	83	86	67	64	74	75	74.8	.....
23..	59.20	59.09	59.64	57.44	58.21	59.30	58.81	24.5	24.5	28.1	28.1	26.7	25.6	26.2	28.3	24	82	83	68	71	75	79	76.3	.....
24..	57.75	58.46	59.22	56.96	56.92	58.42	57.96	24.6	24.7	27.6	29	28	25.5	26.6	29.2	24.2	86	83	73	65	74	80	76.8	.....
25..	57.81	58.26	59.10	56.67	57.24	58.64	57.95	24.9	24.6	28	29.3	28	25.9	26.8	29.5	24.2	78	79	66	64	67	81	72.5	.....
26..	57.97	57.63	58.56	56.54	56.47	58.22	57.56	24.2	24.2	28.2	28.7	27.3	25.6	26.4	29	23.8	82	82	64	66	71	81	74.3	.....
27..	57.25	57.52	58.43	56.02	56.63	57.25	57.18	24.6	24	27.5	29	28	25.8	26.5	29.2	23.7	86	88	70	61	69	79	75.5	.....
28..	56.50	56.94	57.98	56.41	56.44	58.12	57.06	25.6	25.1	28.9	28.5	27.5	25.5	26.8	29.5	24.9	79	83	59	67	70	78	72.7	.....
Mean	59.30	59.42	60.35	58.24	58.79	60.14	59.37	24.4	24.2	27.5	28.3	26.9	25.3	26.1	28.9	23.6	82.3	82.7	69.9	67	74.3	79.1	75.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	102.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	N	NE	NE	NE	N	63.6	75.1	152.6	97.9	389.2	3	.....	Cu.	3	Ci.	Cu. ENE
2..	NE	N	NE	NE	N	N	119	95.2	109.1	64.9	388.2	6	Ci.-S.	s.-cu. ENE	5	Ci.-S.	Cu. ENE
3..	N	N	SE	NE	NE	N	73.7	100.6	134.9	56.7	365.9	9	Ci.-S.	s.-cu. ENE	7	Ci.-S.	Cu. ENE
4..	NE	N	NE	NE	NE	N	64.8	90.4	125.7	75.6	356.5	8	Ci.-S.	s.-cu. ENE	8	Ci.-S.	Cu. ENE
5..	N	N	NE	NE	NE	NE	64.8	78.3	98.4	61.7	303.2	4	Ci.-S.	Cu. ENE	2	Ci.	Cu. ENE
6..	N	N	NE	NE	NE	ENE	81.8	124.7	167.4	124.5	498.4	7	Ci.-S.	cu.-n. ENE	6	Ci.-S.	Cu. ENE
7..	N	N	NE	NE	N	N	96.1	109.4	118.6	61.4	385.5	9	Ci.-S.	s.-cu. ENE	9	Ci.-S.	Cu. ENE
8..	N	N	NE	NE	NE	N	58.2	103	126.3	74.5	362	2	Ci.	Cu. ENE	4	Ci.	Cu. ENE
9..	N	N	NE	NE	NE	NE	57.1	76.1	94.7	66.3	294.2	4	Ci.	Cu.	6	Ci.	Cu. ENE
10..	NW	NW	NE	NE	NE	N	59.4	83.7	132.3	99.4	374.8	6	Ci.-S.	Fr.-Cu.	6	Ci.-S.	Cu. ENE
11..	NE	N	NE	NE	N	N	78.3	106.2	82.9	56.3	323.7	4	Ci.-S.	Cu. ENE	6	Ci.-S.	Cu, ENE
12..	N	NE	NE	NE	NE	N	54.9	56.7	88.8	68.4	268.8	4	Ci.	Cu. ENE	7	Ci.-S.	Cu. ENE
13..	N	N	NE	NE	NNE	NE	60.4	96.6	144.8	108.8	410.6	6	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu. ENE
14..	N	N	NE	NE	NE	NE	58.2	124.1	132.2	91.4	405.9	7	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu. ENE
15..	N	N	Calm	NE	NE	N	72.7	64.4	93.3	84.5	314.9	10	.....	N.	4	Ci.-S.	Cu. ENE
16..	N	N	NE	NE	NE	N	73.2	93.8	103	76.3	346.3	5	Ci.	Cu. ENE	3	Ci.	Cu. ENE
17..	N	N	NE	NE	NE	N	61.2	60.7	118.5	55.4	295.8	2	Ci.	Cu. ENE	2	Ci.	Cu. ENE
18..	NE	NE	NE	NE	NE	N	54.1	93.3	102.2	46.7	296.3	4	Ci.	Cu. ENE	7	Ci.-S.	Cu. ENE
19..	N	NE	SSE	NE	Calm	W	49.9	46.9	45	27.9	169.7	8	Ci.-S.	Cu. ENE	9	Ci.-S.	S.-Cu.
20..	W	Calm	NE	NW	NE	N	31.9	58.6	75.6	64.8	230.9	4	Ci.	Cu.	7	Ci.-S.	Cu.
21..	N	Calm	NE	NE	NE	N	38.8	131.1	164.4	84.4	418.7	9	Ci.-S.	Cu.-N.	3	Ci.	Cu. ENE
22..	N	N	NE	NE	N	N	64.6	107	158.8	82.9	413.3	3	Ci.	Cu.	5	Ci.	Cu. ENE
23..	N	N	NE	NE	NE	N	82.9	153.7	160.3	87.1	484	3	Ci.	Cu.	5	Ci.	Cu. ENE
24..	N	N	NE	NE	NE	N	64.1	90.6	114.6?	60.2	329.5	3	Ci.	Cu. ENE	2	Ci.	Cu. ENE
25..	N	N	NE	NE	N	N	76.1	93.6	142.6	76.1	388.4	2	Ci.	Cu. ENE	2	Ci.	Cu. ENE
26..	N	N	NE	NE	N	N	79.9	118.1	122.6	72.7	393.3	3	Ci.	Cu. ENE	7	Ci.-S.	Cu. ENE
27..	N	N	NE	NE	NE	N	71.8	103	152.9	76	403.7	5	Ci.-S.	Cu. ENE	3	Ci.	Cu. ENE
28..	N	Calm	NE	NE	NE	NE	38.6	79.9	106.4	57.5	282.4	2	Ci.	Cu. ENE	10	Ci.-S.	Cu. ENE
Mean	.....	.....	.....	.....	.....	.....	66.1	93.4	120.3	73.6	353.4	5.1	.....	.....	5.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,894.1	.....	.....	.....	.....	.....	.....

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

MARCH, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.39	57.73	59.31	56.61	56.98	58.06	57.68	25.6	24.8	28	28.8	27.3	26	26.8	29.7	24.6	76	79	70	63	71	77	72.7	9.7
2..	57.62	57.71	58.58	56.47	56.15	57.90	57.40	25.2	24.2	27.6	29	28.3	26.2	26.8	29.2	23.8	83	89	73	65	68	77	75.8	.....
3..	57.34	57.62	58.81	56.44	56.64	58	57.48	25.6	25.2	28.4	28.6	27.5	25.4	26.8	29.4	25	81	83	68	66	73	82	75.5	.....
4..	56.66	56.21	58.12	55.84	56.17	58.30	56.88	25.2	24.6	27.9	29	27.8	25.3	26.6	29.1	24.4	83	85	72	66	73	81	76.7	4.8
5..	57.03	57.92	58.26	56.29	57.05	58.73	57.55	24.6	25.2	27	28.8	27.6	26.1	26.6	29.9	24.4	86	82	75	67	71	76	76.2	.....
6..	57.95	58.47	58.91	56.69	57.02	58.45	57.92	25.2	25	28.5	30.1	29	26.2	27.3	30.3	24.8	82	83	66	61	64	81	72.8	6.6
7..	57.46	58.17	59.45	57.09	57.23	58.54	57.99	25.2	25.1	26.6	29	27.5	26.8	26.7	29.3	23.9	88	83	78	65	70	77	76.8	3
8..	57.60	57.51	58.33	55.99	56.23	57.55	57.20	25.8	25.2	28.5	29.8	28.5	26.7	27.4	29.9	25	79	82	62	60	70	79	72	.....
9..	56.97	57.41	58.52	56.49	56.93	58.22	57.42	26	25.1	28.3	29.8	28.5	26.6	27.4	29.9	24.9	78	83	66	57	68	77	71.5	.....
10..	57.92	58.47	59.27	56.94	56.69	58.49	57.96	25.5	25	28.6	29.1	28.4	26.8	27.2	29.3	24.8	81	82	68	65	64	85	74.2	.....
11..	57.79	57.95	58.96	56.76	56.94	57.96	57.73	25.6	25	28.2	29	28.6	26.9	27.2	29.2	24.8	82	83	71	68	66	74	74	1
12..	57.20	57.62	58.62	56.48	56.90	57.84	57.44	24.9	24.1	28.4	29	28.6	27.9	27.2	29.2	24	86	89	68	64	68	71	74.3	.....
13..	57.22	58.11	58.91	57.16	57.79	59.52	58.12	25.7	25.2	28.4	30	28.4	27	27.4	30.6	24.6	81	83	69	62	68	73	72.7	.8
14..	58.47	58.77	59.63	58.24	58.89	60.63	59.10	25.2	24.7	27.9	28.7	28	24.2	26.4	30	23.8	81	84	68	67	70	86	76	.8
15..	59.75	60.23	61.18	59.34	59.94	60.87	60.22	24.1	24.7	28.4	28.3	26.8	25.7	26.3	29.5	23.8	85	85	64	68	73	86	76.8	.....
16..	59.87	59.97	60.64	57.97	58.57	59.92	59.49	25.9	25.6	27.9	30	28.4	26.3	27.4	30.5	25.2	79	79	71	64	70	77	73.3	.....
17..	59.26	59.43	60.46	57.79	57.99	59.83	59.13	25.4	25.3	28.5	30	28.3	26.1	27.3	30.2	24.9	80	80	70	56	63	78	71.2	.....
18..	58.71	59.29	60.37	58.26	58.28	59.59	59.08	25.2	24.8	28.6	29.5	28.5	26.6	27.2	30.1	24.6	82	81	66	61	64	75	71.5	.....
19..	58.42	58.84	59.84	57.67	58.36	59.57	58.78	25.6	25.6	28.9	29.6	28.9	27	27.6	30.1	24.8	81	81	65	62	66	74	71.5	.....
20..	58.68	59.25	60.24	57.93	58.33	59.92	59.06	26	25.2	28.9	30.2	28.9	26.8	27.7	30.8	24.8	81	82	65	60	70	74	72	.....
21..	58.91	59.72	60.69	58.20	59.52	60.93	59.66	25.6	25.5	29.1	30.1	27	26.2	27.2	31.3	25	79	80	64	62	75	76	72.7	.....
22..	60.14	60.53	61.01	58.98	58.97	60.42	60.01	26	25.2	30.3	30	29	27	27.9	30.6	23.7	78	80	60	62	67	75	70.3	3.6
23..	59.45	59.56	60.46	59.11	58.73	59.54	59.48	25.3	25	28.9	27.7	26.8	26.2	26.6	30.3	24.2	82	82	68	73	77	75	76.2	.....
24..	59.16	59.49	60.24	57.96	58.36	59.94	59.19	25.2	24.8	29	29.3	28.7	26.2	27.2	29.8	24.1	80	83	64	62	65	75	71.5	.....
25..	59.34	59.79	60.63	58.23	58.41	59.77	59.36	25	25	28.2	29.7	27.9	26	27	30	24.1	82	80	65	61	65	76	71.5	.....
26..	59.41	59.25	60.27	57.69	58.36	60.08	59.18	25.2	25	27.9	29.5	28.3	26.7	27.1	29.9	24.5	82	88	65	58	65	74	72	.....
27..	59.43	60.15	60.81	59.05	59.17	60.64	59.88	25.4	24.8	29	29.5	29.2	26.9	27.5	30	24.4	80	81	63	64	66	72	71	.....
28..	59.73	60.49	61.54	59.65	59.63	61.35	60.40	26.2	25.4	29.5	30	29.2	27.7	28	30.5	24.9	77	80	56	59	65	73	68.3	1
29..	60.60	60.67	61.88	59.99	59.89	61.30	60.72	26.9	25.8	27.2	26	28	26.8	26.8	28.6	23.5	75	78	74	76	66	71	73.3	7.9
30..	60.36	60.29	60.96	57.94	58.31	60.08	59.66	25.4	25.3	29.2	29.5	29.3	26.6	27.6	30.5	24.6	80	87	64	63	62	74	71.7	.....
31..	59.40	59.99	60.61	57.95	58.06	60	59.34	25.5	25	30.5	30.2	29.5	27.1	28	31.5	23.5	80	80	58	63	63	71	69.2	.....
Mean	58.56	58.92	59.86	57.65	57.95	59.42	58.73	25.5	25	28.5	29.3	28.3	26.5	27.2	30	24.4	81	82.5	67	63.5	67.9	76.5	73.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	N	NE	NE	NE	N	77.4	119.9	137.4	85.7	420.4	3	Ci.	Cu. ENE	7	Ci.-S.	Cu. ENE
2..	N	N	NE	NE	NE	N	67.5	115.1	109.4	81.3	373.3	10	Ci.	N. ENE	6	Ci.-S.	Cu. ENE
3..	N	N	NE	NE	NE	N	70	112.7	123	83.5	389.2	6	Ci.-S.	Cu. ENE	2	Ci.	Cu. ENE
4..	N	N	NE	NE	NE	N	75.5	106.7	132	86.1	400.3	2	Ci.	Cu. ENE	3	Ci.	Cu. ENE
5..	N	NE	NE	NE	NE	N	105.9	106.5	111.8	71.6	395.8	10	Ci.-S.	s.-Cu. ENE	8	Ci.-S.	Cu. ENE
6..	Calm	N	NE	NE	NE	N	62.2	105.2	126.3	79.7	373.4	4	Ci.	Cu. ENE	3	Ci.	Cu. ENE
7..	N	N	NE	NE	NE	NE	67.3	128.3	150.5	126.3	472.4	4	Ci.-S.	Cu. ENE	2	Ci.	Cu. ENE
8..	N	N	NE	NE	NE	N	64.3	115.3	134.1	137.9	451.6	4	Ci.-S.	Cu. ENE	2	Ci.	Cu. ENE
9..	N	N	NE	NE	NE	N	73	104.4	128.7	84	390.1	3	Ci.	Cu. ENE	2	Ci.	Cu. ENE
10..	N	N	NE	NE	NE	N	71	103.7	124.9	74.7	374.3	8	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu. ENE
11..	N	N	NE	NE	NE	NE	83.1	146.2	185.9	126.5	541.7	4	Ci.-S.	Cu. ENE	3	Ci.	Cu. ENE
12..	NNE	NNE	NE	NE	NE	NE	72.3	126.9	136.2	112.7	448.1	10	Ci.-S.	Cu.-N. ENE	3	Ci.	Cu. ENE
13..	N	N	NE	NE	NE	NE	59	48.8	94.3	86.8	288.9	6	Ci.-S.	Cu. ENE	6	Ci.-S.	Cu. ENE
14..	N	N	NE	SE	NE	NNE	73.2	98.2	72.9	64	308.3	5	Ci.-S.	Cu. ENE	8	Ci.-S.	Cu.-N. ENE
15..	N	N	NE	NE	NE	N	67.6	154.5	144.8	74.	440.9	5	Ci.	Cu. ENE	8	Ci.-S.	Cu. ENE
16..	N	N	NE	NE	NE	N	67.6	114.3	133.9	91.4	407.2	2	Ci.	Cu.	2	Ci.	Cu. ENE
17..	N	N	NE	NE	NE	N	70.8	105.6	147	77.2	400.6	2	Ci.	Cu.	2	Ci.	Cu. ENE
18..	N	N	NE	NE	NE	N	64.8	107.2	140.9	82.8	395.7	2	Ci.	Cu. ENE	3	Ci.	Cu. ENE
19..	N	N	NE	NE	NE	N	69.5	109.9	121.2	92.3	392.9	2	Ci.	Cu. ENE	4	Ci.	Cu. ENE
20..	N	N	NE	NE	NE	N	63.9	103.5	154.5	95	416.9	1	Ci.	Cu. ENE	3	Ci.	Cu. ENE
21..	N	N	NE	NE	NE	N	63.9	82.3	172.6	78.9	397.7	2	Ci.	Cu. ENE	3	Ci.	Cu. ENE
22	N	Calm	NE	NE	NE	N	36.6	91.7	134.1	90.1	352.5	3	Ci.	Cu.	2	Ci.	Cu. ENE
23..	N	N	NE	NE	NE	N	65.2	103.8	161	66.7	396.7	4	Ci.	Cu. ENE	6	Ci.	Cu. ENE
24..	N	N	NE	NE	NE	N	65.8	96.1	152.1	100.6	414.6	2	Ci.	Cu. ENE	3	Ci.	Cu. ENE
25..	N	N	NE	NE	NE	N	67.6	87.7	121.5	95	371.8	2	Ci.	Cu. ENE	3	Ci.	Cu. ENE
26..	N	N	NE	NE	NE	N	72	75.3	117.5	94.1	358.9	2	Ci.	Cu. ENE	2	Ci.	Cu. ENE
27..	N	N	NE	NE	NE	N	52.5	80.4	112.7	71.2	316.8	2	Ci.	Cu.	2	Ci.	Cu. ENE
28..	N	N	NE	NE	NE	N	62.5	97.4	127.1	81.7	368.7	2	Ci.	Cu. ENE	3	Ci.	Cu. NE
29..	N	N	NE	NE	NE	N	58.4	99.8	72.4	59.2	289.8	6	Ci.	Cu. ENE	8	Ci.-S	N. ENE
30..	N	N	SE	NE	NE	N	61.5	44	124.4	67.2	297.1	4	Ci.-S.	Cu. ENE	4	.....	Cu. ENE
31..	N	N	NE	NE	NE	N	48.6	46.6	115.6	65.4	276.2	2	Ci.	Cu. ENE	2	Ci.	Cu. ENE
Mean	.....	.....	.....	.....	.....	.....	67.1	101.2	129.7	86.6	384.6	4	.....	.....	3.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,922.8	....	.....	.....	....	.....	.....

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

APRIL, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	59.23	59.90	60.32	57.48	58.17	59.32	59.07	26.2	26.3	30	30	29.5	27.5	28.2	30.8	25.4	78	80	62	62	63	73	69.7	.....
2..	58.52	58.63	59.52	57.15	58.06	59.53	58.57	26.4	26.4	29.5	30.6	29.5	27.8	28.4	31.8	25.3	80	78	64	62	66	71	70.2	0.3
3..	58.16	58.94	59.54	57.66	57.94	59.50	58.62	26.7	26	29	30	29.2	26.7	27.9	30.9	25.2	74	79	64	59	66	74	69.3	.....
4..	58.94	59.04	59.82	57.76	57.88	59.43	58.81	25.8	25	29	30	29	28.5	27.9	30.9	24.4	77	80	67	60	69	68	70.2	2
5..	59.03	59.42	59.72	57.53	58.12	59.15	58.83	26	26.2	29.5	29	28.2	27.3	27.7	30.3	25	79	77	64	68	72	75	72.5	.....
6..	58.12	58.19	59.21	57.72	58.24	59.46	58.49	26.5	26.2	30	28.3	27	25.6	27.3	30.5	24.2	79	79	64	70	77	81	75	11.2
7..	58.50	58.66	59.14	56.79	57.02	58.83	58.16	25.9	25.2	29	30	29	27.4	27.8	30.5	24.2	77	82	65	61	68	73	71	.....
8..	57.32	57.75	58.23	55.93	56.24	58.20	57.28	26.5	26.2	29.2	30.2	29	27.9	28.2	31.2	25.6	80	82	70	64	71	74	73.5	.....
9..	57.84	57.44	59.29	56	57.44	58.83	57.81	27	27.5	28.5	30	29	27.6	28.3	31.2	26	77	76	70	65	69	74	71.8	.....
10..	57.34	58.55	59.66	56.15	57.32	58.28	57.88	27	26	29.2	30.2	29.3	27.7	28.2	31.2	25.5	78	82	64	64	68	72	71.3	.....
11..	57.10	57.31	58.29	55.81	56.01	57.42	56.99	26.7	25.9	29.2	29.7	29.5	28	28.2	30.8	25	79	83	69	62	63	70	71	5.1
12..	56.96	57.34	58.38	55.81	55.69	57.58	56.96	26.8	27.2	29.4	30.5	29.6	26.9	28.4	30.7	25.2	74	70	65	57	61	70	66.2	.....
13..	57.32	57.81	59.12	56.80	56.94	58.68	57.78	25.5	25.2	29.6	30.8	29.8	27.2	28	31.7	24.5	79	81	61	54	60	71	67.7	.....
14..	58.18	58.90	59.67	56.61	57.72	59.90	58.50	26.8	26	30.5	31	29.7	27.2	28.5	32.3	25.2	71	76	56	56	67	68	65.7	.....
15..	58.80	59.10	59.20	56.12	56.68	58.45	58.06	26.3	25.9	29	31.2	29	27.1	28.1	31.7	25.5	76	77	64	60	66	68	68.5	.....
16..	58.02	58.05	58.17	55.82	56.69	58	57.46	26.4	26	30.2	31.5	29	27.4	28.4	32.4	25.3	73	78	62	55	68	74	68.3	.....
17..	57.33	58.24	58.82	56.30	56.93	58.30	57.65	26.8	26	29.5	30.6	29.5	27.2	28.3	32.9	25.8	80	76	66	65	64	71	70.3	.....
18..	57.55	58.54	59.27	56.60	56.38	58.28	57.77	26.5	26	30.1	30.3	29	27.5	28.2	31.4	24.6	79	79	65	63	71	73	71.7	.....
19..	57.63	58.45	59.08	56.36	56.28	57.90	57.62	26.7	26.2	29.5	30	28.9	27.2	28.1	31.2	25.6	77	81	63	60	69	75	70.8	.....
20..	57.49	57.65	58.70	55.67	56.03	57.55	57.18	26.9	26.7	30	30.5	29	27.7	28.5	31.2	26	76	78	66	62	68	74	70.7	.....
21..	56.51	57	58.42	55.27	56.29	57.52	56.84	26	26	29.6	29.8	29.5	27.7	28.1	31.5	25.2	82	82	63	69	71	78	74.2	.....
22..	56.83	57.06	58.38	55.99	56.88	57.75	57.15	27	26.6	29.6	29.5	28.8	26.5	28	30.7	25.2	78	81	69	69	72	80	74.8	.....
23..	56.44	57.26	58.12	55.47	56.36	58.10	56.96	25.9	26.1	30	30.3	28.9	27.2	28.1	31.4	25.3	85	82	65	64	71	75	73.7	.....
24..	57.48	58.19	58.83	56.11	56.89	58.44	57.66	27	26.2	29.9	30.6	29.5	28	28.5	31.6	25.5	78	81	69	62	68	76	72.3	1
25..	57.45	57.80	59.06	56.89	57.17	58.36	57.79	26.7	26.3	31.2	30.5	29.7	28.4	28.8	32	26	84	85	61	63	67	75	72.5	.....
26..	57.36	57.71	58.46	56.35	56.79	57.90	57.43	26.7	26.3	30.2	30.2	29	27.3	28.3	31.9	26	85	86	64	64	64	70	72.2	5.3
27..	57.03	57.64	58.67	56.14	56.67	57.94	57.35	27.2	26.2	30	31	29.5	27	28.5	32.5	25.3	74	76	60	56	58	68	65.3	.....
28..	56.92	57.45	57.88	55.79	56.08	57.74	56.98	26.4	26.2	29.5	29.8	29	27.2	28	31.9	25.6	73	74	61	55	68	60	63.5	.....
29..	56.77	57.26	57.31	55.27	55.55	56.94	56.52	25.5	26.3	29.5	30.2	29.2	27.5	28	32.5	25	66	63	55	47	55	63	58.2	.....
30..	56.36	56.90	57.84	55.44	56.27	57.90	56.78	27	25.7	29.5	30.3	28.7	27.3	28.1	32.1	25.4	63	64	70	66	73	75	68.5	.....
Mean	57.62	58.07	58.87	56.36	56.89	58.37	57.70	26.5	26.1	29.6	30.2	29.1	27.4	28.2	31.5	25.3	77	78.3	64.3	61.5	66.8	72.3	70	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	N	NE	NE	NE	N	46.1	74.7	146.1	81.7	348.6	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
2..	N	N	NE	NE	NE	N	58.2	96.6	135.7	79.7	370.2	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
3..	N	N	NE	NE	NE	N	49.9	66.5	127.5	92	335.9	5	Ci.	Cu.-N. ENE	4	Ci.	Cu. ENE
4..	N	NW	NE	NE	NE	N	71.8	68.2	146.4	104.6	391	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
5..	N	NW	NE	NE	NNE	N	53.8	100.3	131.2	54.4	339.7	3	Ci.	Cu. ENE	6	Ci.-S.	Cu. ENE
6..	Calm	N	N	NE	N	N	37.6	76.6	103	35.4	252.6	4	Ci.	Cu. ENE	9	Ci.-S.	Cu. ENE
7..	N	NW	NE	NE	NE	Calm	50.7	58.4	88.8	35.8	233.7	9	Ci.	S.-Cu. ENE	4	Ci.	Cu. ENE
8..	N	Calm	Calm	SE	NE	N	23.5	33.3	129.2	55	241.	8	Ci.	S.-Cu. ENE	2	Ci.	Cu. ENE
9..	N	Calm	NE	NE	N	N	35	87.7	112.3	60.4	295.4	4	Ci.	Cu. ENE	4	Ci.	Cu. ENE
10..	Calm	NE	NE	NE	NE	N	34.6	65.2	120.3	58.1	278.2	4	Ci.	Cu. ENE	3	Ci.	Cu. ENE
11..	NW	Calm	NE	NE	NE	E	36.7	63.5	112.9	79.4	292.5	4	Ci.-S.	Cu. ENE	3	Ci.	Cu. ENE
12..	Calm	NE	NE	NE	ENE	N	39.6	73.7	110.4	45.6	269.3	5	Ci.	Cu. ENE	3	Ci.	Cu. ENE
13..	Calm	N	NE	NE	NE	NW	27.9	65.4	109.1	60.4	262.8	2	Ci.	Cu. ENE	2	Ci.	Cu. ENE
14..	N	Calm	SE	SE	NE	NW	33.8	39.6	70.1	42.3	185.8	2	Ci.	Cu. ENE	2	Ci.	Cu. ENE
15..	Calm	NW	SE	NE	NE	N	23.3	40.2	51.2	59.	173.7	3	Ci.	Cu.	5	Ci.	Cu.
16..	Calm	N	SE	NE	NNE	NW	30.6	35.4	106.9	44	216.9	6	Ci.-S.	Cu. ENE	2	Ci.	Cu. ENE
17..	Calm	N	SE	NE	N	N	27.7	39.9	89.9	48.5	206	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
18..	N	NW	NE	NE	NE	N	40.2	69.4	128.4	69.5	307.5	4	Ci.	Cu. ENE	3	Ci.	Cu. ENE
19..	N	N	NE	NE	NE	N	44.2	74.5	114.3	51.8	284.8	3	Ci.	Cu. ENE	4	Ci.	Cu. ENE
20..	N	NE	NE	NE	NE	N	55.2	93.3	110.2	77	335.7	6	Ci.-S.	Cu. ENE	3	Ci.	Cu. ENE
21..	N	N	NE	NE	NE	NE	63.8	94.3	151.9	85.7	395.7	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
22..	N	N	NE	NE	SE	NE	47.7	94.1	109.7	57.9	309.4	7	Ci.-S.	Cu. ENE	4	Ci.	Cu. ENE
23..	N	N	NE	NE	NE	N	58.4	87.2	130.4	59.5	335.5	4	Ci.	Cu. ENE	6	Ci.	Cu. ENE
24..	NE	N	S	NE	NE	N	38.2	47.2	122.3	37	244.7	4	Ci.-S.	Cu. ENE	3	Ci.	Cu. E
25..	Calm	E	SE	NE	E	Calm	37.3	48.8	110.2	32.2	228.5	8	Ci.-S.	Cu. ENE	4	Ci.-S.	Cu. ENE
26..	NE	Calm	ENE	NE	NE	NE	31.3	31.6	73.2	48.5	184.6	8	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
27..	Calm	NE	Calm	SE	SE	S	31.2	40.5	45.6	25.4	142.7	9	Ci.-S.	Cu.-N. ENE	6	Ci.	Cu. ENE
28..	Calm	Calm	SE	N	NE	N	28.6	38.6	69.2	49.4	185.8	5	Ci.	Cu.	4	Ci.	Cu.
29..	Calm	Calm	Calm	NE	NE	N	23.8	27.4	98.2	45.3	194.7	7	Ci.	Cu.	4	Ci.	Cu.
30..	E	NW	NE	NE	NE	N	40.9	41.8	75	42.9	200.6	4	Ci.	Cu. ENE	4	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	40.7	62.5	107.7	57.3	268.1	4.8	.....	.....	3.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,043.5	.....	.....	.....	.....	.....	.....

NOTE.—The rainfall 5.3 mm. on the 26th was involuntary omitted in our Monthly Bulletin, and consequently the total monthly amount as published in it was 19.6 mm. instead of 24.9 mm.

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

MAY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	57.39	57.61	57.95	56.07	57.71	59.14	57.64	26.8	27	29.5	30.5	29.5	27.8	28.5	32.9	26	80	80	71	63	70	75	73.2	1
2..	57.48	57.82	58.80	56.45	57.39	58.90	57.81	27	26.8	30	30.5	29.5	27.1	28.5	31.7	24.9	83	83	64	65	69	76	73.3	14.2
3..	57.47	57.77	58.23	55.77	56.86	58.70	57.47	25.5	26.2	29.6	30	29.3	27	27.9	30.7	24.9	86	83	71	65	69	83	76.2	.....
4..	57.32	57.92	58.92	56.21	56.89	58.98	57.71	26.3	27	29	31.2	29.7	27.2	28.4	32.2	26	85	84	71	58	60	73	71.8	.....
5..	58.33	58.21	59.26	56.75	57.30	59.06	58.15	26.1	26.5	29.7	31.2	30.3	28.2	28.7	32.4	26	83	83	64	58	62	69	69.8	22.9
6..	58.07	58.35	58.57	56.62	57.69	59	58.05	28	24.2	28	30.5	28	26.2	27.5	30.8	22.6	74	84	73	62	71	81	74.2	.....
7..	58.22	58.14	59.11	56.57	57.35	59.02	58.07	25.5	25.2	30	30.5	29.9	27	28	33.6	24.8	81	80	62	57	65	77	70.3	.....
8..	58.01	58.55	58.92	56.75	57.47	59.56	58.21	25.8	25.7	30	32.6	29.9	28.2	28.7	33.2	25	81	86	62	61	67	75	72	5.8
9..	59.24	58.95	59.40	56.82	57.47	59.58	58.58	25.5	25.2	28.9	31	30	28	28.1	32.2	24.5	79	85	68	62	68	72	72.3	.8
10..	58.90	59.14	59.33	56.80	57.29	59.05	58.42	26.2	26	28	30	29	27.5	27.8	30.8	25.6	79	82	73	65	71	74	74	.....
11..	57.88	58.06	58.58	56.16	57.07	58.65	57.73	26.4	25.6	29.3	30.2	28.2	27.3	27.8	31.5	24.9	81	81	68	64	69	77	73.3	5.3
12..	58.47	58.85	59.51	57.15	58.26	59.61	58.64	24	25.2	28.2	30.6	29.2	25.2	27.1	31.5	23.4	88	85	69	63	69	79	75.5	15.3
13..	58.90	59.29	60.34	57.88	58.22	59.65	59.05	25.6	25	29	29.5	28.2	26	27.2	30.9	24.5	79	83	76	68	78	88	78.7	.5
14..	59.35	59.63	60.62	57.81	58.42	60.94	59.46	25.4	25.5	30.5	31	29.3	25	27.8	32.2	22.3	88	89	68	60	74	88	77.8	40.9
15..	59.72	60.88	60.73	58.45	58.98	60.53	59.88	24.3	24.9	29.5	30.9	29.9	27.2	27.8	31.5	23.6	93	92	78	66	73	82	80.7	.....
16..	59.45	59.75	60.38	58	58.16	60.09	59.30	26.1	27.6	29.6	31.2	29.9	27.9	28.7	32.1	25.4	87	76	69	60	65	74	71.8	.5
17..	59.22	59.45	60.27	57.77	58.65	59.67	59.17	27.2	25.9	30.2	31	29.8	28.8	28.8	32.6	25.2	78	84	65	61	65	71	70.7	.....
18..	59.50	59.72	60.40	58.26	58.12	59.56	59.26	26.8	27.3	30	30.7	29.9	28.6	28.9	31.7	25.9	71	75	63	60	65	70	67.3	.....
19..	58.82	59	59.41	56.85	57.53	58.39	58.33	27.5	27	30.2	31	28.9	27.8	28.7	32	26.1	73	75	63	56	67	70	67.3	1.3
20..	57.64	57.24	58.80	55.95	57.79	59.04	57.74	26.8	26.7	31	29.2	28.1	25.6	27.9	32	21.9	77	78	58	66	72	78	71.5	5.6
21..	57.29	57.62	57.92	56.36	57.17	58.73	57.52	25.8	26.8	29	30	28.9	27.9	28.1	30.6	25.2	78	74	68	62	65	70	69.5	.3
22..	57.96	58.16	58.94	57.41	59.03	60.16	58.61	27.3	26.2	28.8	27.6	22.8	23.5	26	30.6	22.2	71	81	71	79	91	89	80.3	41.7
23..	58.51	59.05	59.86	58.04	58.63	60.12	59.04	24.5	25.4	28	29.5	28.5	26.9	27.1	31.9	24	85	83	70	65	70	77	75	.....
24..	59.07	59.21	59.56	57.86	57.91	59.25	58.81	25.6	24.9	29.5	29.9	28.8	26.9	27.6	30.6	24.3	82	83	63	64	68	77	72.8	.....
25..	58.16	58.45	58.86	57.40	57.44	59.24	58.26	25.8	25.7	29.5	28.7	27.9	25.5	27.2	30.5	23.9	79	80	64	69	74	80	74.3	5.8
26..	58.55	58.69	59.19	57.17	57.11	58.73	58.24	25	25.8	29.3	30.8	29.8	27.4	28	32.7	24.4	83	81	66	56	65	67	69.7	14
27..	58.17	58.43	59.21	57.84	57.91	58.85	58.40	24.8	26.5	31	31	29	27.2	28.2	32	24	89	82	58	56	65	68	69.7	16.5
28..	58.27	58.27	59.47	56.72	57.92	58.54	58.20	24.3	25.2	29.1	30	29.5	27.5	27.6	31.2	23.3	87	83	64	59	61	72	71	.....
29..	58.14	58.44	58.55	56.08	56.54	58.34	57.68	26.3	26	30.2	31	29	24.8	27.9	33	23	76	77	58	53	65	75	67.3	44.1
30..	58.43	58.60	59.26	57.58	58.34	59.74	58.66	24.3	24.2	27.1	28.9	27.8	25.8	26.4	29.5	23.5	80	83	75	63	68	72	73.5	.8
31..	58.49	58.97	59.44	57.97	57.78	59.52	58.70	25	25.3	29.3	31.8	30	27.8	28.2	32.1	24.5	80	81	62	52	57	64	66	7.9
Mean	58.40	58.65	59.28	57.08	57.75	59.30	58.41	25.9	25.9	29.4	30.4	29	26.9	27.9	31.7	24.4	81.2	81.8	66.9	61.9	68.3	75.6	72.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	245.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	N	SE	NE	NE	Calm	48.3	36.5	105.1	40.6	230.5	6	Ci.	Cu.	5	Ci.	Cu.
2..	Calm	Calm	NE	NE	NE	N	14.8	71.3	142.7	71.3	300.1	7	Ci.-S.	N. E	4	Ci.	Cu. E
3..	N	N	NE	NE	N	Calm	52.8	61.2	122	34.8	270.8	8	Ci.-S.	S.-Cu. E	8	Ci.-S.	Cu. E
4..	Calm	Calm	S	S	NE	N	35.6	44.6	79.7	48.6	208.5	6	Ci.	Cu.	3	Ci.	Cu.
5..	N	Calm	NE	NE	NE	N	32.7	75.3	116.3	59.5	283.8	4	Ci.	Cu. E	2	Ci.	Cu. E
6..	SW	W	Calm	Calm	E	NE	75.4	53.3	41.8	42.9	213.4	7	Ci.-S.	Cu.	5	Ci.-S.	Cu.
7..	NE	N	SE	NE	SE	W	44.6	49.3	71.6	38.2	203.7	4	Ci.-S.	Cu.	4	Ci.	Cu.
8..	W	Calm	SE	NE	S	Calm	34.8	36.9	82.9	32.7	187.3	6	Ci.-S.	S.-Cu.	3	Ci.	Cu. ENE
9..	SW	Calm	S	SE	NE	NW	59	44.8	46.3	32.4	182.5	4	Ci.	Cu.	6	Ci.	Cu.
10..	N	Calm	S	S	Calm	W	41.2	83.5	72.7	34.6	232	7	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
11..	Calm	Calm	SE	S	SW	W	28.2	39	88.3	45.7	201.2	6	Ci.-S.	Cu.	6	Ci.-S.	Cu.
12..	S	Calm	Calm	S	S	W	75.6	39.7	53.1	78.3	246.7	9	Ci.-S.	Cu.	6	Ci.-S.	Cu.
13..	W	Calm	Calm	S	SW	SW	37.6	31.7	64.6	36.2	170.1	9	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
14..	W	NW	Calm	NE	SW	SW	37.8	38.6	89.6	94.7	260.7	4	Ci.	Cu. E	4	Ci.	Cu. ENE
15..	Calm	N	NE	NE	NE	Calm	32.2	43.5	84.9	44	204.6	8	Ci.-S.	S.-Cu. E	6	Ci.-S.	Cu. E
16..	N	N	NE	NE	NE	NE	51.5	83.1	112.5	44.3	291.4	4	Ci.	Cu. E	3	Ci.	Cu.
17..	N	N	NE	NE	NE	E	62	72.1	100.6	67.9	302.6	4	Ci.	S.-Cu. E	3	Ci.	Cu. E
18..	NE	NE	NE	NE	NE	E	45.5	96.2	116.6	73.3	331.6	4	Ci.	Cu. E	7	Ci.	Cu. E
19..	NE	NE	NE	NE	NE	N	56.3	94.1	140.2	77.4	368	4	Ci.	Cu. E	4	Ci.-S.	Cu. E
20..	N	N	E	SW	S	NW	45	75.2	77.7	65.8	263.7	6	Ci.-S.	S.-Cu. E	8	Ci.-S.	S.-Cu. NNE
21..	NW	NW	N	NE	NE	N	50.7	51.5	117.5	40.9	260.6	9	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. E
22..	Calm	N	NE	SE	N	NW	38.8	66.8	90.9	47.5	244	10	Ci.-S.	S.-Cu. E	9	Ci.-S.	N. E
23..	SW	Calm	SE	SE	S	Calm	44.3	31.9	52.6	33	161.8	9	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.-N. SSE
24..	W	W	Calm	S	SE	NE	33.5	23	40.2	37	133.7	6	Ci.-S.	S.-Cu. SSE	5	Ci.-S.	Cu. SW
25..	N	NW	Calm	NE	S	NW	40.9	30.6	33.8	54.7	160	8	Ci.-S.	S.-Cu. SE	7	Ci.-S.	S.-Cu.
26..	NW	NW	SE	N	S	SW	40.2	31.1	71.2	30.3	172.8	4	Ci.	Cu.	4	Ci.	Cu.
27..	SE	N	NE	NE	NE	N	70	64	65.2	39.1	238.3	3	Ci.	Cu.	6	Ci.-S.	S.-Cu. E
28..	S	Calm	S	SSE	NE	W	39.7	40.9	55.7	41.8	178.1	10	Ci.-S.	Fr.-N. E	4	Ci.	Fr.-Cu. S
29..	Calm	Calm	Calm	NE	S	NW	31.4	27.4	84.5	67.6	210.9	6	Ci.-S.	Cu.	4	Ci.	Cu.
30..	SW	Calm	S	Calm	Calm	SE	76.7	31.9	32.8	26.2	167.6	10	Ci.-S.	N.	8	Ci.-S.	S.-Cu.
31..	NW	NW	S	S	S	Calm	36	44.2	46.3	40.7	167.2	8	Ci.-S.	Cu. SSE	4	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	45.6	52	80.6	49.1	227.4	6.5	.....	.....	5.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,048.2	.....	.....	.....	.....	.....	.....

CEBU.

[$\phi = 10°\ 18'$ N; $\lambda = 123°\ 54'$ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

JUNE, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p.m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	58.62	58.74	59.70	57.79	57.19	58.22	58.38	25.8	26	30.2	30.5	29.9	27.8	28.4	32.1	25	85	84	62	62	62	71	71	.....
2..	58.08	58.20	58.82	56.54	56.30	58.03	57.66	27	27.5	30.2	32	29.9	27.5	29	32.7	23	77	77	56	52	65	77	67.3	49.3
3..	57.43	57.53	57.86	55.95	56.31	57.54	57.10	24.5	25.2	30	31.1	29.6	27	27.9	32.3	24.2	87	86	62	56	61	78	71.7	.3
4..	56.57	57.12	58.18	56.02	56.24	57.87	57	27.1	26.8	30.5	30.5	29.5	27.4	28.6	31.7	25.2	78	80	65	66	68	78	72.5	.....
5..	57.04	57.74	58.18	56.20	56.83	58.81	57.47	27.9	26.6	30.2	30.5	29.5	28	28.8	31.7	25.9	77	81	67	65	68	74	72	.3
6..	58.23	58.92	59.14	57.51	57.32	58.78	58.32	27.2	25.9	29	30	29.3	27	28.1	30.7	25.2	81	83	69	64	66	75	73	.....
7..	57.85	58	58.67	57.58	57.08	58.54	57.95	26.8	26	29.4	30	27	26	27.5	31.8	25.3	78	80	66	64	78	79	74.2	.....
8..	57.92	58.30	59.18	57.59	57.43	59.45	58.31	25.5	25.4	28.5	29.5	27.2	26	27	31.8	24.5	83	83	70	66	71	76	74.8	3
9..	58.47	59.14	59.31	57.97	58.03	59.38	58.72	25	24.9	27.8	27.6	28	26	26.6	29.5	23.8	83	83	71	73	70	78	76.3	18.5
10..	58.54	59.43	59.36	56.87	57.94	59.45	58.60	25.9	25.2	28.2	30	29.2	25.2	27.3	31.4	24.6	78	82	68	59	60	76	70.5	5.1
11..	58.74	58.20	58.41	56.80	57.18	58.37	57.95	25	24.8	29.5	30	29	27.8	27.7	31	23.6	81	77	64	59	64	68	68.8	.....
12..	57.44	57.87	58.17	56.50	56.79	58.08	57.48	27.3	27	30.2	30.5	29	28.2	28.7	31	26.5	69	70	58	55	60	62	62.3	.3
13..	57.52	58.41	58.91	56.98	56.99	58.32	57.86	25	24.5	29	28.5	28.5	26.1	26.9	32.6	24	80	82	58	58	58	69	67.5	23.6
14..	58.09	58.98	59.43	56.89	57.32	59.05	58.29	25.9	23.4	25.8	30	28.5	26.1	26.6	30.6	22	69	76	70	56	56	63	65	.5
15..	58.75	59.04	58.96	57.25	57.90	59.70	58.60	25.6	25.5	31	31.5	29.4	27	28.3	33	24.4	81	80	59	52	62	73	67.8	.8
16..	59.18	58.52	58.63	57.05	56.39	58.78	58.09	26.2	26.8	29.1	30	29.5	27.2	28.1	31.4	24.8	75	71	64	59	61	72	67	.....
17..	57.82	57.54	58.11	56.23	56.01	57.60	57.22	26.2	27.4	29.6	30	29	28	28.4	32	25.2	78	73	62	60	65	70	68	25.1
18..	57.22	57.25	58.34	57.18	58.29	61.44	58.29	25.5	25.2	28.5	28.5	25	23.2	26	30.2	22.8	86	89	73	78	88	90	84	17.3
19..	58.46	59.38	60.56	58.82	59.08	60.73	59.50	24.8	26.3	28.5	30.6	28.6	27.2	27.7	31.2	24.5	85	85	70	63	72	75	75	.....
20..	59.92	60.10	60.22	58.41	58.85	60.24	59.62	26.6	25.5	29	31	30	27	28.2	32.8	25	77	80	65	58	59	70	68.2	.....
21..	59.05	58.94	59.17	57.92	57.54	59	58.60	26.3	26.6	29.8	28.5	28.6	26.8	27.8	32.9	25.5	70	66	56	66	66	64	64.7	.....
22..	58.41	58.24	58.54	57.25	56.68	58.24	57.89	25.8	26	29	26.7	27.5	25.3	26.8	31.2	25	65	67	55	61	60	66	62.3	7.2
23..	57.84	58.01	58.83	56.18	56.07	58.53	57.58	25.9	25.4	30	30.5	29.2	24.3	27.6	32	23.8	67	67	65	65	65	83	68.7	36.1
24..	57.96	58.05	59.17	57.59	57.30	58.82	58.15	25.5	24.4	27.9	28	27.6	25.5	26.5	28.5	23.8	80	84	74	74	76	83	78.5	2.8
25..	57.52	57.26	57.84	56.65	57.02	58.07	57.39	24.8	24.5	28.3	26.6	25	24.9	25.7	29.2	24	88	87	70	80	83	84	82	11.2
26..	57.05	57.39	57.84	56.48	56.39	58.40	57.26	23.8	25	27	28.5	27.5	26.5	26.4	29.4	23.4	91	85	77	70	73	75	78.5	8.9
27..	57.82	58.55	58.66	57.33	57.84	59.78	58.33	25.8	25.5	29	30.6	29.6	26.8	27.9	31	24	78	81	67	64	64	72	71	.....
28..	59.44	59.45	59.51	57.90	58.33	60.03	59.11	25.8	25.8	29.8	30.4	29.5	27.1	28.1	31.5	24.8	76	77	66	69	71	82	73.5	.....
29..	59.54	59.72	59.75	57.47	57.36	58.29	58.69	26.8	26.6	29.2	30.7	28.6	26.8	28.1	31.6	25.6	83	82	66	61	68	72	72	34
30..	58.52	58.50	58.51	56.21	57.17	59.07	58	25.2	23.5	30.1	28.5	28.1	24.2	26.6	32.5	23	84	88	62	70	73	86	77.2	6.1
Mean	58.17	58.42	58.87	57.10	57.24	58.89	58.11	25.9	25.6	29.1	29.7	28.6	26.5	27.6	31.4	24.4	79	79.5	65.2	63.5	67.1	74.7	71.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	253.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			6 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	W	Calm	NE	NE	N	N	42.1	41.5	98.9	56	238.5	6	Ci.-S.	Cu.	4	Ci.	Cu. SE
2..	NE	N	NE	NE	NE	SE	54.1	84	92.8	59.3	290.2	3	Ci.	Cu.	3	Ci.	Cu.
3..	E	Calm	NE	NE	NE	N	57.9	66	89.5	66.6	280	4	Ci.-S.	S.-Cu. SE	3	Ci.	Cu.
4..	N	N	E	NE	NE	N	53.9	55.3	96.1	65.7	271	4	Ci.	Cu.	4	Ci.	Cu.
5..	E	N	NE	NE	NE	N	52.2	50.2	100.4	50.4	253.2	7	Ci.-S.	S.-Cu. E	3	Ci.	Cu. E
6..	S	W	N	NE	NE	N	71.4	55.2	82.1	50.8	259.5	8	Ci.-S.	S.-Cu. E	7	Ci.-S.	Cu. E
7..	Calm	N	NE	NE	N	N	43.7	61.7	79.1	48.1	232.6	6	Ci.-S.	S.-Cu. E	10	Ci.-S.	Cu.-N. SSE
8..	Calm	Calm	S	SE	SE	Calm	38.9	31.9	76.3	45.4	192.5	4	Ci.	Cu.	4	Ci.	Cu. E
9..	Calm	Calm	Calm	Calm	NE	Calm	37.1	33.5	43.5	43.3	157.4	7	Ci.	Cu.-N.	8	.....	N.
10..	Calm	N	Calm	S	NE	E	28.4	49.7	33.2	41	152.3	6	Ci.	Cu.	5	Ci.	Cu. E
11..	NW	Calm	NE	E	NE	E	47.8	62.6	127.3	88.7	326.4	8	Ci.-S.	S.-Cu.	4	Ci.	Cu. E
12..	NE	E	E	NE	NE	NE	67.6	88.8	114.9	80.7	352	5	Ci.	Cu. ESE	5	Ci.	Cu. E
13..	SE	Calm	Calm	NE	NE	N	60.7	24.9	82.3	46.7	214.6	4	Ci.	Fr.-Cu.	7	Ci.-S.	Fr.-Cu.
14..	N	W	N	Calm	NE	N	74.3	33.5	51.8	63.1	222.7	10	Ci.-S.	N.	8	Ci.-S.	Cu.
15..	N	N	NE	NE	SW	Calm	65.5	58.9	74.8	44.2	243.4	5	Ci.	Cu.	4	Ci.	Cu.
16..	Calm	NW	NE	N	NE	Calm	38.8	82.9	69.8	27.1	218.6	4	Ci.	Cu.	6	Ci.-S.	Cu. E
17..	N	N	Calm	SE	SW	SW	50.1	59	102.7	72.2	284	4	Ci.	Cu.	4	Ci.	Cu. E
18..	NW	SW	S	SE	N	S	54.7	85.8	96.6	115.3	352.4	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. SW
19..	SW	S	S	S	S	W	128.4	79.9	64.9	31.7	304.9	10	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu. S
20..	W	NW	SW	NE	NE	N	50.5	29.2	75.1	54.7	209.5	5	Ci.	Cu. E	4	Ci.	Cu. SE
21..	N	NW	SE	S	NE	Calm	51.2	40.2	81.3	37.1	209.8	5	Ci.	Cu.	7	Ci.	Cu. E
22..	NW	Calm	Calm	N	SE	SW	41.7	35.9	48.6	49.7	175.9	8	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu. E
23..	SSE	Calm	SW	SE	N	SE	33	46.7	73.4	56.3	209.4	7	Ci.-S.	S.-Cu.	4	Ci.	Cu.
24..	SW	SW	Calm	Calm	SW	NW	43.5	25.4	69.8	40.5	179.2	6	Ci.-S.	Cu.	8	.....	Cu.-N. W
25..	N	N	Calm	SE	SW	SW	27.2	44.9	49.6	42.8	164.5	6	Ci.-S.	S.-Cu.	10	.....	Cu.-N. W
26..	W	SW	S	SSW	S	S	45.8	164.9	145.3	42.9	398.9	9	.....	S.-Cu.	8	Ci.-S.	S.-Cu. SW
27..	S	Calm	SSE	S	SW	W	30.4	46.1	105.7	45.1	227.3	10	Ci.-S.	Cu.-N.	4	Ci.-S.	Cu. SW
28..	NW	W	S	NE	NE	N	38.1	36.8	106.5	63.6	245	5	Ci.	Cu.	4	Ci.	Cu. W
29..	N	N	SE	NE	NE	N	53.9	34.6	82.6	41.8	212.9	4	Ci.	Cu.	5	Ci.-S.	Cu.
30..	NW	N	NE	SW	Calm	NW	62.3	53.1	68.6	51.5	235.5	9	.....	N.	10	.....	N.
Mean	.....	.....	.....	.....	.....	.....	51.5	55.4	82.8	54.1	243.8	6.3	.....	.....	5.8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,314.1	.....	.....	.....	.....	.....	.....

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

JULY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	57.99	57.81	58.44	56.72	57.53	58.69	57.86	24.3	24.7	28	29.5	29	24.6	26.7	30.4	23.9	86	84	72	64	66	91	77.2	11.7
2..	57.94	57.67	58.59	57.06	57.70	58.86	57.97	24.7	25.2	29	30.5	29.5	27.6	27.8	30.7	24.1	91	85	69	62	66	76	74.8	.....
3..	57.83	57.72	58.18	56.40	57.09	58.42	57.61	26.8	26.2	29	30.7	28.5	28.2	28.2	31	23.4	77	78	64	61	73	70	70.5	11.9
4..	57.79	57.26	57.74	56.18	56.19	57.67	57.14	24.8	26.5	29.5	30	29.2	27.8	28	30.6	23.2	82	76	64	66	63	67	69.7	.....
5..	56.77	56.63	57.06	55.36	55.69	57.06	56.43	27.8	26.8	30	30.1	29.3	28.2	28.7	30.6	26.5	66	72	60	66	69	72	67.5	.....
6..	56.64	56.54	57.11	55.13	55.93	57.02	56.40	27.3	26.7	28.7	29.7	29.4	28.8	28.4	30.5	26	73	75	70	67	67	69	70.2	5.3
7..	56.44	57.24	57.56	55.84	56.33	57.59	56.83	27	26	29	30	28	27.2	27.9	31.5	25	77	80	68	64	71	75	72.5	.....
8..	56.45	56.82	57.11	55.71	56.34	56.99	56.57	25.8	26	28.7	31	28.5	28	28	31.6	25.5	84	84	71	56	67	68	71.7	.....
9..	56.68	56.96	56.92	55.14	55.82	57.64	56.53	26.5	25.8	29	30.4	29.5	26.7	28	31.5	25	76	84	74	66	66	81	74.5	.....
10..	56.09	57.13	57.17	55.34	56.09	57.97	56.63	26.2	25.9	28.7	29.4	29.1	27.7	27.8	30.9	25.6	85	86	69	68	69	72	74.8	20.8
11..	57.97	57.54	57.28	55.51	56.38	57.57	57.04	23	25	28	29.5	29.5	26.9	27	30.7	22	91	90	74	70	66	77	78	.....
12..	56.44	57.01	57.16	55.68	56.24	58.18	56.78	26.8	26.7	29.5	30	29	26.2	28	30.7	25.8	77	77	64	64	68	78	71.3	.....
13..	57.26	57.69	57.54	55.72	56.59	57.64	57.07	25.3	25.3	29.5	29.3	28.4	26.8	27.4	31	25	83	86	64	66	71	80	75	.....
14..	56.19	56.51	57.07	54.93	55.73	57.32	56.29	25.7	25.3	29.5	31.8	29.5	26.6	28.1	32.7	24.5	83	84	69	56	67	81	73.3	5.6
15..	56.65	56.14	56.72	55.12	55.45	57.37	56.24	25	26	28.3	27	27	24.2	26.2	29.8	23.8	83	80	68	72	74	83	76.7	49.7
16..	56.31	56.40	56.96	55.66	56.53	58.27	56.69	23.5	24.2	25.5	23.9	27	25.1	24.9	28	23	86	85	88	90	80	86	85.8	21.9
17..	56.56	57.77	58.03	56.39	57.24	58.58	57.43	25	25.2	27.6	29.1	27	26.1	26.7	30.5	24.7	86	84	73	71	78	83	79.2	.....
18..	57	58.19	58.33	55.82	56.89	58.69	57.49	25.2	24.8	29.1	30.5	29.2	28	27.8	31.2	24	89	87	70	65	66	70	74.5	.....
19..	57.49	58.06	57.84	56.61	57.35	59.34	57.78	26.9	27	29	29.5	26.5	26.5	27.6	30.2	25.4	84	83	69	67	76	86	77.5	.....
20..	58.15	58.90	59.29	57.59	58.11	59.52	58.59	26.1	26	28.5	29.5	28.5	27.8	27.7	31.1	24.5	77	80	67	63	69	71	71.2	.....
21..	58.63	58.26	58.18	56.82	58.69	60.61	58.53	26.1	26.3	28	30.3	27.3	24.5	27.1	32	23.5	79	76	71	57	72	83	73	14.3
22..	59.81	60.28	60.02	58.22	58.57	60.29	59.53	24.7	24.2	26.5	27.5	27.5	25.9	26	29.5	23.8	81	83	74	72	70	77	76.2	2.3
23..	59.77	59.99	60.19	58.16	58.82	60.32	59.54	25.8	25.7	29	30.5	28.4	27.5	27.8	31	25.1	79	84	69	62	70	73	72.8	.....
24..	59.29	59.77	60.07	57.84	58.27	59.87	59.18	25.9	25.8	27.5	28.5	28.4	26.5	27.1	29	25	81	87	77	74	75	82	78.3	.....
25..	59.07	59.03	58.86	57.04	57.37	58.73	58.35	26.3	25.8	29.5	30	29	27.4	28	30.9	25.2	82	84	63	61	68	73	71.8	.....
26..	57.96	58.11	58.17	56.57	57.35	59.10	57.88	25.2	26.7	29	30	22.8	23.9	26.3	31	22	82	74	64	66	88	81	75.8	30.5
27..	57.55	57.31	57.91	55.93	56.69	58.57	57.33	25.7	26	29.5	29.2	29	27	27.7	30.8	24.6	75	76	64	69	66	73	70.5	5.3
28..	57.23	56.85	57.79	56.03	56.09	58.47	57.08	26.7	26.8	29	31	29	27.4	28.3	31.5	26.4	71	71	61	61	62	70	66	.....
29..	57.27	57.39	57.51	56.25	57.09	58.64	57.36	27	27.5	29.5	30.2	27.7	27.5	28.2	30.5	25.4	72	68	63	66	72	71	68.7	2.8
30..	58.15	58.24	58.73	57.04	57.42	59.47	58.18	27	26.4	29.5	30.4	30	28.3	28.6	31	25.1	72	75	63	60	67	66	67.2	.....
31..	58.68	58.60	58.79	57.21	57.88	59.72	58.48	27.1	26.9	29	29.5	29	27.8	28.2	30.5	26.3	72	72	66	64	65	76	69.2	.....
Mean	57.55	57.74	58.01	56.29	56.95	58.52	57.51	25.8	25.9	28.7	29.6	28.4	26.9	27.6	30.7	24.6	80.1	80.1	68.5	65.7	69.9	76.2	73.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	182.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	W	S	S	SW	SW	63.4	59.5	137.9	41.8	302.6	4	Ci.-S.	Cu.	4	Ci.-S.	Cu.
2..	Calm	W	S	SW	SW	W	54.1	76.7	148.7	53.8	333.3	3	Ci.	Cu.	3	Ci.	Cu.
3..	SW	W	S	SSW	SW	W	34.6	94.4	132.6	87.9	349.5	3	Ci.	Cu. SW	6	A.-Cu.	Cu. WSW
4..	SW	SW	SW	SW	WSW	SW	83.1	129.3	137.8	86.7	436.9	7	Ci.-S.	Cu. SW	7	Ci.-S.	Cu. SW
5..	S	S	S	SW	SW	SW	74.1	131	209.3	88.5	502.9	4	Ci.-S.	Cu. SW	5	Ci.-S.	Cu. SW
6..	SW	W	S	S	SW	SW	78.4	116.4	125.2	114.3	434.3	3	Ci.	Cu. SW	6	Ci.-S.	Cu. SW
7..	SW	SE	S	SW	E	Calm	48.3	66.3	72	29.5	216.1	6	Ci.-S.	Cu. SW	6	Ci.-S.	Cu.
8..	NE	NW	S	S	S	W	47.3	57.9	38	25.7	168.9	6	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
9..	W	W	S	S	SW	Calm	34.8	85.2	87.7	30.6	238.3	6	Ci.-S.	S.-Cu.	6	Ci.	Cu.
10..	SW	Calm	S	S	W	SW	46.1	83.6	114.1	33.2	277	6	Ci.-S.	Cu.-N. sw	6	Ci.-S.	Cu. SW
11..	SW	SW	S	S	SW	NE	141.6	87.7	104.1	42.1	375.5	9	.....	Cu.-N. sw	5	Ci.-S.	Cu. SW
12..	W	W	SW	S	Calm	NW	51.2	76.1	27.1	38.4	192.8	7	.....	S.-Cu. sw	8	Ci.-S.	Cu. SW
13..	NW	NE	S	S	SE	NE	39.9	66	82.1	29.5	217.5	7	Ci.-S.	Cu.-N. sw	7	Ci.	Cu. SW
14..	N	NW	SE	W	S	SW	45.1	49.4	58.4	53.5	206.4	4	Ci.-S.	Cu.	6	Ci.-S.	Cu.
15..	NW	W	Calm	SE	NE	SW	62.5	23.9	39.4	74.8	200.6	8	Ci.-S.	Cu.	10	.....	N.
16..	SW	SW	SW	S	S	S	86.6	90.1	104.6	205.3	486.6	10	.....	N.	10	.....	N. WSW
17..	S	S	SW	SW	SW	Calm	78.6	51	123.9	35	288.5	9	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. SW
18..	W	W	S	S	SW	SW	46.8	66	96.6	52.1	261.5	5	Ci.	Cu.	5	Ci.	Cu.
19..	SW	Calm	S	S	SW	NW	39.1	90.9	75	68.6	273.6	5	Ci.	Cu.	7	Ci.-S.	Cu.
20..	SW	Calm	S	Calm	S	Calm	55	76.6	29	41.8	202.4	6	Ci.-S.	Cu.	6	Ci.-S.	Cu.
21..	W	SW	S	SW	S	N	54.7	53.4	58.9	74	241	4	Ci.	Cu.	8	Ci.-S.	cu.-N. wsw
22..	N	Calm	SW	SE	NE	NE	38	32.7	41	33.5	145.2	10	.....	N.	6	Ci.-S.	Cu. SW
23..	NE	SW	SE	S	Calm	SW	39.6	66	83.1	34.6	223.3	6	.....	S.-Cu.	4	Ci.	Cu.
24..	Calm	W	SW	S	SW	W	24.8	51.7	126.3	36.5	239.3	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu. SW
25..	SW	W	SSW	S	SW	W	42.3	101.9	171.9	74.3	390.4	5	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. SW
26..	W	W	S	SW	NNW	Calm	62.5	140	186.9	51.5	440.9	2	Ci.	Cu.	6	Ci.-S.	Cu. WSW
27..	W	SW	S	SW	SW	W	74	128.7	157.7	68.4	428.8	3	Ci.	Cu.	6	Ci.	cu.-N. wsw
28..	SW	SW	S	SSW	SW	SW	103.8	132	173.9	133.6	543.3	6	Ci.-S.	Cu.	4	Ci.	Cu. SW
29..	SW	SW	SSW	SW	SW	SW	125.5	198	156.1	102	581.6	3	Ci.	Cu. SW	6	Ci.-S.	Cu. SW
30..	WSW	SW	S	S	S	SW	119.6	163	202.7	105.4	590.7	3	Ci.	Cu. SW	6	Ci.-S.	Cu. SW
31..	SW	SW	S	SW	SW	SW	140.3	143.7	151.3	86.6	521.9	3	Ci.	Cu. SW	5	Ci.-S.	Cu. SW
Mean	.....	.....	.....	.....	.....	.....	65.7	90	111.4	65.6	332.6	5.5	.....	.....	6.2	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,311.6	.....	.....	.....	.....	.....	.....

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

AUGUST, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	59.09	58.72	58.67	57.23	57.62	59.13	58.41	26.5	26.8	28.5	30.4	28.8	26.8	28	31.1	25.9	82	80	69	64	68	77	73.3	.....
2..	58.87	58.54	58.66	57.02	57.33	58.68	58.18	26.3	26.5	29.2	31	30	26.9	28.3	31.6	25.2	78	79	66	59	61	74	69.5	.....
3..	58.10	57.76	58.34	56.84	57.35	58.94	57.89	26.1	26.4	29	30	27.5	26.7	27.6	30.6	23.4	77	76	64	62	73	79	71.8	28.4
4..	58.27	58.17	58.91	58.06	58.12	59.74	58.54	25	25.9	27.6	24.7	25	24.6	25.5	28	22.5	83	77	70	90	88	88	82.7	16.3
5..	59.08	59.23	59.09	57.42	57.52	59.07	58.57	24	24.3	28.5	30	29.3	25.8	27	31	23.5	89	87	70	59	62	83	75	.....
6..	58.70	59.27	59.02	56.88	57.47	58.25	58.26	25	25.7	29	31	28.5	26	27.5	32.9	24.5	88	84	67	62	70	82	75.5	.....
7..	57.16	57.79	57.63	56.02	56.89	57.51	57.17	25.8	25.5	29.5	29	26.8	25.2	27	31.5	24.3	85	86	64	68	74	87	77.3	.8
8..	56.52	56.93	57.37	55.63	56.37	57.74	56.76	24.9	24.7	28.5	31	28.5	26.4	27.3	31.6	24	91	90	76	63	74	85	79.8	2.3
9..	57.24	57.51	58.22	56.79	57.24	58.91	57.65	24.7	26.2	28.6	30.5	28.8	26.7	27.6	31	24.4	90	82	69	62	75	81	76.5	.....
10..	57.63	57.94	58.36	56.92	57.64	58.48	57.83	26.3	27.5	30	31.5	25.4	25.8	27.8	33.9	24.6	84	78	61	60	84	84	75.2	3.6
11..	57.69	57.94	58.44	56.88	57.59	59.14	57.95	25.5	25.5	29	31	29.5	26.6	27.8	31.5	24.5	88	88	68	65	70	83	77	.....
12..	58.18	58.19	58.70	56.46	57.64	59.23	58.07	25.7	26.6	30.4	30.5	29.2	26.4	28.1	32	25.5	86	83	67	65	65	81	74.5	.....
13..	58.83	58.99	58.86	56.32	56.74	57.94	57.95	26.2	26.7	29.5	32.7	30.2	27	28.7	33.1	25.5	85	82	69	57	67	79	73.2	.....
14..	57.51	57.64	58.07	55.62	56.07	57.89	57.13	25.8	25.7	29.6	31.5	30	26.6	28.2	32	25.5	84	86	64	60	68	82	74	.....
15..	56.45	57.26	57.14	55.24	55.72	57.44	56.54	26.3	26.2	29	29.6	29	27.5	27.9	30.6	25.5	86	85	73	64	69	71	74.7	.....
16..	55.81	55.93	55.72	53.63	54.31	56.32	55.29	27	26.9	29.8	30.5	30	27.8	28.7	31	25.8	73	74	63	65	62	76	68.8	.....
17..	55.37	55.64	56.14	54.62	55.12	56.92	55.64	27.3	27.3	29.5	29.3	28.9	27.9	28.4	29.9	27	77	76	64	65	65	74	70.2	.....
18..	56.15	56.57	57.36	55.88	56.69	58.63	56.88	27.8	26.9	29.2	30.3	28	27.3	28.2	31.5	26.8	77	83	66	63	71	78	73	.....
19..	57.79	57.74	58.32	56.85	57.67	59.42	57.96	27	26.8	29.8	30.5	29.5	27.5	28.5	30.6	26.1	80	80	69	65	73	76	73.8	.....
20..	58.15	58.46	58.98	57.24	58.22	60.64	58.62	26	26.2	28.5	29.5	28.6	26.1	27.5	30.5	25	85	82	72	64	73	83	76.5	.....
21..	59.34	59.70	60.08	58.15	58.35	60	59.27	25.3	25.4	29	31	30	26.4	27.8	32.2	24.7	88	88	69	61	69	81	76	.5
22..	59.45	59.82	59.97	57.69	58.08	59.65	59.11	26	25.5	30	32.1	30.8	27	28.6	33.3	24	84	86	67	49	52	75	68.8	.....
23..	58.80	59.17	59.42	58.02	59.27	59.84	59.09	26.3	25.7	30	31.5	29.5	27.2	28.4	33	25.5	82	85	65	53	63	77	70.8	22.9
24..	59.54	60.37	60.75	58.71	59.74	60.84	59.99	23.2	26	29.3	30	28.4	26	27.2	32	22.7	87	82	62	64	71	82	74.7	6.9
25.	60.62	60.54	60.29	58.18	59.22	60.26	59.85	24.9	25	28.4	32	28	27.3	27.6	32.6	24	86	85	67	60	70	78	74.3	3.3
26..	59.63	59.59	59.44	57.02	57.86	58.97	58.75	25.2	24.7	29.6	30.8	29	27	27.7	32	24.2	90	90	67	65	71	80	77.2	4
27..	58.46	58.62	59.13	56.68	57.72	59.99	58.43	24.3	25	29.5	30.1	28.7	26.8	27.4	31.5	24	95	88	64	64	73	84	78	6.1
28..	58.84	59.55	59.89	57.18	57.87	59.13	58.74	25.4	25.2	28.5	30.5	26.7	26.2	27.1	32.8	24.9	93	89	70	65	86	82	80.8	10.2
29.	57.85	58.01	58.76	56.49	56.67	58.41	57.70	25	24.9	28.2	29.2	28.4	25.7	26.9	30	24.5	87	87	75	64	75	84	78.7	1.6
30.	56.64	56.72	57.17	54.89	55.92	57.97	56.55	25.5	24.8	28.6	30.1	29	25.3	27.2	30.5	24.5	87	90	70	68	74	88	79.5	8.9
31.	56.96	56.69	56.89	55.44	56.02	57.94	56.66	25	25.6	29.7	23.4	26	25.2	25.8	30	22.8	88	85	67	90	85	84	83.2	24.6
Mean.	58.02	58.23	58.51	56.65	57.29	58.81	57.92	25.7	25.9	29.1	30.2	28.6	26.5	27.7	31.5	24.7	85	83.6	67.5	64	71	80.6	75.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	140.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	SW	S	SW	SW	W	98.2	122.6	152.6	43.1	416.5	3	Ci.	Cu. SW	3	Ci.	Cu. SW
2..	W	W	S	S	SW	W	37.6	123.9	122.3	39.7	323.5	3	Ci.	Cu.	5	Ci.	Cu.
3..	W	W	SW	SE	NNE	NE	31.1	80.2	54.1	59.7	225.1	7	.....	Cu.-N.	7	Ci.-S.	Cu.
4..	SSW	S	S	SW	Calm	Calm	79.2	58.4	47.5	30.9	216	9	.....	Cu.-N. sw	9	.....	N. SW
5..	W	W	SE	SE	NE	NE	33.8	32.7	26.4	44	136.9	8	Ci.-S.	Cu. WSW	3	Ci.	Cu.
6..	NW	NW	SE	NE	NE	N	51.5	35.1	66.5	49.9	203	3	Ci.	Cu. ENE	3	Ci.	Cu.
7..	N	N	S	NW	NE	Calm	33	40.5	55.2	41.5	170.2	3	Ci.	Cu.	6	Ci.-S.	Cu.
8..	N	Calm	SE	E	SW	SW	39.9	38.6	53.4	37.2	169.1	3	Ci.	Cu.	6	Ci.	Cu.
9..	NW	W	S	S	S	W	44.8	63.8	128.5	48.9	286	7	.....	S.-Cu.	7	Ci.-S.	Cu.-N.
10..	W	W	S	Calm	Calm	Calm	50.9	100.1	55.9	40	246.9	4	Ci.	Cu.	7	Ci.-S.	Cu.
11..	NW	NW	S	S	E	NE	46.7	47.8	53.9	42.3	190.7	7	Ci.-S.	Cu. WSW	7	Ci.-S.	Cu. WSW
12..	NE	NE	SE	NE	NE	NE	47.8	42	91.2	46.6	227.6	3	Ci.	Cu. SE	3	Ci.	Cu.
13..	NE	NW	SE	S	Calm	N	47	41.6	54.1	49.6	192.3	3	Ci.	Cu.	3	Ci.	Cu. E
14..	N	NW	Calm	Calm	Calm	NW	56	30.3	45.4	38.1	169.8	3	Ci.	Cu. E	5	Ci.	Cu.
15..	S	SW	S	S	Calm	SW	42.9	126.5	113	80.5	362.9	5	Ci.-S.	Cu.	7	Ci.	Cu. W
16..	SW	SW	SW	SSW	SW	SW	115.9	147.1	213.5	148.1	624.6	6	Ci.-S.	Cu. W	7	Ci.-S.	Cu. WSW
17..	SW	SW	SW	SW	SW	SW	151.9	241.4	270.3	167.6	831.2	6	Ci.-S.	Cu. SW	9	Ci.-S.	Cu.-N. SW
18..	SW	SW	SW	SW	SW	SW	200.9	161.2	166.3	61.2	589.6	5	Ci.	Cu. WSW	8	Ci.-S.	Cu. SW
19..	SW	SW	S	SW	SW	Calm	53.6	108.3	143.8	96	401.7	6	Ci.-S.	Cu. SW	6	Ci.-S.	Cu.
20..	SW	SW	S	S	SSW	S	80.5	51.5	62.6	31.1	225.7	3	Ci.	Cu. SW	8	Ci.-S.	Cu.
21..	W	W	SE	S	S	W	38	36	42.3	38.9	155.2	3	Ci.-S.	Cu.	3	Ci.	Cu. E
22..	Calm	NW	SE	NE	NE	NW	36.5	30.9	82.3	62.5	212.2	3	Ci.	Cu. E	3	Ci.	Cu.
23..	Calm	Calm	SE	NE	NE	NW	24.9	46.7	105.7	48.8	226.1	2	Ci.	Cu.	7	Ci.-S.	Cu. E
24..	NW	NW	S	SE	NW	NW	52.5	42.5	59.8	31.4	186.2	4	Ci.	Cu. E	5	Ci.	Cu. E
25..	SW	NW	S	SE	SW	SE	100.8	55.5	60.9	65.4	282.6	3	Ci.	Cu.	4	Ci.	Cu.
26..	N	NW	S	SE	NE	S	51.2	37.3	64.1	50.2	202.8	5	Ci.	Cu. E	7	Ci.-S.	Cu.-N.
27..	N	NW	SW	S	NE	NE	45.9	45.3	50.7	42	183.9	3	Ci.	Cu.	6	Ci.-S.	Cu.-N.
28..	NE	NE	SE	SE	NW	W	44.9	34.1	62.5	37.8	179.3	6	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.-N.
29..	NW	NW	SW	Calm	S	SW	32	43.1	50.7	48.9	174.7	6	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
30..	SW	W	S	SW	S	SW	47.2	58.7	139.4	75.6	320.9	7	Ci.-S.	Cu.-N. W	6	Ci.-S.	Cu. W
31..	SW	SW	SW	S	W	SW	41.8	100.1	73.7	110.7	326.3	5	Ci.-S.	Cu.-N. sw	9	.....	N. W
Mean	.....	.....	.....	.....	.....	.....	60	71.7	89.3	58.3	279.3	4.6	.....	.....	5.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,659.5	.....	.....	.....	.....	.....	.....

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

SEPTEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	56.96	57.32	58.20	56.68	57.04	58.54	57.46	26	26.2	28.6	27.7	27.8	27.4	27.3	29.5	24.7	81	79	66	72	71	73	73.7	3.8
2..	57.46	58.37	59.14	57.35	56.94	58.77	58	25.4	25.5	26.5	27.5	27	25.7	26.3	28.6	23.5	86	85	75	69	77	85	79.5	.....
3..	57.49	57.61	58.19	56.52	57.07	57.82	57.45	26	26.6	27.3	29.2	28.7	25.8	27.3	30	24.9	84	80	71	64	69	84	75.3	.5
4..	57.11	56.85	57.82	55.84	57.36	58.21	57.20	26.7	25.7	28.4	27	25	24.7	26.2	30	24	77	81	71	82	92	92	82.5	2.9
5..	57.32	57.41	57.57	55.91	57.03	58.82	57.34	24.5	24.9	28.8	29.9	27	25.8	26.8	30.3	24.2	89	91	72	69	80	81	80.3	1.5
6..	57.86	58.11	58.54	56.87	57.52	59.32	58.04	25.7	24.5	29	30	29	27.4	27.6	30.3	22.2	82	91	71	61	71	81	76.2	26.9
7..	58.52	58.43	58.24	56.46	56.89	58.14	57.78	24.8	24.6	29	31	29	27.5	27.6	31.4	23.8	92	88	71	59	68	75	75.5	4.1
8..	57.53	57.11	58.04	56.18	56.23	57.41	57.08	24.5	24.4	28	29.5	28	26.3	26.8	30	23.6	90	90	73	69	73	83	79.7	37.6
9..	56.80	57.38	58.54	56.56	57.23	57.75	57.38	25	24.2	28.5	29.2	28.2	28.3	27.2	29.9	22.2	91	91	74	66	65	72	76.5	2
10..	57.14	57.45	58.54	56.94	57.80	59.68	57.92	26.7	26	29	30	26.7	25.5	27.3	31	24.9	79	89	71	65	79	85	78	.8
11..	58.45	58.82	59.19	56.94	57.49	59.44	58.39	25.4	25	28.5	31	29.5	27.4	27.8	31.5	24.4	91	89	70	64	70	79	77.2	.....
12..	58.60	58.57	59.37	57.31	57.92	59.75	58.59	26.8	26.2	30	28.5	29	23.8	27.4	31.5	23.6	83	85	68	65	64	86	75.2	16
13..	58.62	59.71	60.07	57.69	58.14	59.70	58.99	25.5	23.3	27.3	30	27.5	26.4	26.7	30.1	23.1	83	89	73	65	77	71	76.3	.....
14..	58.73	59.09	59.39	57.72	58.44	60.14	58.92	25.7	26	30.4	30	29	26.8	28	31.8	24.9	75	75	63	66	68	77	70.7	.....
15..	59.08	59.35	59.71	57.49	58.16	59.52	58.88	25.4	25	29.5	30	28.6	26.5	27.5	31.4	24.4	87	89	64	59	66	80	74.2	.....
16..	58.92	58.27	58.52	56.32	56.53	58.04	57.77	25.8	26	30.5	30.5	29.1	26.5	28.1	32	25.3	83	82	62	59	70	83	73.2	.....
17..	57.11	57.46	58.06	56.15	57.37	59.46	57.60	25.7	26.3	30.1	31.7	28.7	22.7	27.5	32.4	21.8	85	84	63	59	71	89	75.2	36.6
18..	58.77	58.67	59.62	57.61	58.83	60.14	58.94	25	25.3	30.3	30.5	28.3	24.8	27.4	31.5	24.5	90	88	63	52	74	85	75.3	1.3
19..	58.68	59.10	59.59	56.55	57.49	58.59	58.33	25	24.8	28.8	31.3	28.8	25.4	27.4	32.5	24.1	86	82	67	53	72	88	74.7	9.2
20..	57.67	58.51	59.19	56.47	57.43	58.48	57.96	25.5	25	27	30.4	28.2	23.3	26.6	30.5	23	85	89	77	66	69	90	79.3	62.7
21..	58.07	58.51	59.61	57.36	58.49	59.84	58.65	23.8	24.6	29	30.7	28.4	24.4	26.8	31	23.5	90	91	68	57	75	90	78.5	45.2
22..	59.93	59.99	59.72	58.06	58.78	59.99	59.41	24.2	23.9	27.7	30	28.5	26.2	26.8	30.5	23.3	90	88	76	65	70	88	79.5	.....
23..	58.98	59.24	59.06	56.47	57.69	59.64	58.51	25.1	25.6	29.5	32	29.8	25.6	27.9	32.6	23.9	91	86	71	54	67	85	75.7	2
24..	58.45	58.84	59.09	56.23	56.53	58.16	57.88	25	25.2	29	29.5	28	26.3	27.2	31	24	90	88	72	71	81	84	81	2.3
25..	57.42	57.45	57.32	55.71	56.37	57.84	57.02	25	25.3	28.5	25.5	26.4	25.5	26	30.8	24	92	89	70	92	86	92	86.8	45.3
26..	56.41	56.79	57.46	55.65	56.98	59.05	57.06	26	26.7	29.4	31.5	28.1	26.9	28.1	31.8	25.2	90	77	62	57	77	85	74.7	.....
27..	58.09	58.12	58.72	56.68	57.39	58.54	57.92	26.6	27.5	29.4	28.4	29.3	28.6	28.3	32	25.7	86	78	72	72	62	68	73	.....
28..	57.52	57.63	58.22	56.12	56.90	58.26	57.44	27.8	28.8	29.6	30.3	27.9	28.8	28.9	31.1	26.7	74	67	63	66	77	67	69	.....
29..	57.33	58.04	58.77	57.07	57.52	59.12	57.98	28.2	27.4	29.8	31	29.7	27.3	28.9	32	26.5	69	69	63	52	67	84	67.3	.....
30..	58.16	58.29	58.93	56.97	57.99	59.90	58.37	26.4	27.3	29.3	31	28.2	25.8	28	32.6	24.4	87	82	69	63	79	84	77.3	1
Mean	57.97	58.22	58.75	56.73	57.45	58.94	58.01	25.6	25.6	28.9	29.8	28.2	26.1	27.4	31.1	24.1	85.3	84.4	69	64.4	72.9	82.2	76.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	301.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	SW	SW	SW	SW	SW	83.5	165.4	168.1	123.6	540.6	8	.....	S.-Cu. SW	9	.....	Cu.-N. W
2..	W	SW	SW	SW	SW	Calm	55.9	136.6	131.2	42.3	366	9	.....	N. WSW	8	Ci.-S.	S.-Cu. wsw
3..	SW	SW	S	S	Calm	Calm	68.4	132.3	66.5	32.7	299.9	6	.....	S.-Cu. SW	8	.....	S.-Cu. SW
4..	W	NW	S	SW	SW	SW	43.4	46.9	171.2	87.4	348.9	7	A.-Cu.	S.-Cu. SW	8	.....	Cu.-N. W
5..	SW	W	SW	S	N	Calm	68.7	111.5	121.8	34	336	8	A.-Cu.	Cu. WSW	6	Ci.-S.	Cu. W
6..	W	W	S	S	SW	SW	31.2	100.8	110.7	66	308.7	6	Ci.-S.	Cu. WSW	8	Ci.-S.	Cu. WSW
7..	Calm	Calm	S	S	Calm	SE	38	73.7	115.1	81.9	308.7	3	Ci.	Cu.	7	Ci.-S.	Cu.
8..	SW	SW	S	SW	Calm	NW	82.1	70.3	55	27.9	235.3	6	Ci.-S.	Cu.	8	Ci.-S.	Cu.
9..	SW	SW	SW	S	SW	S	83.9	45.6	67.6	110.5	307.6	8	A.-Cu.	Cu.-N.	8	Ci.-S.	Cu.-N. SW
10..	SW	SW	S	SW	SW	Calm	79.1	78.4	108.3	23.3	289.1	5	Ci.-S.	Cu. SW	8	Ci.-S.	Cu.-N. SW
11..	SW	W	S	S	SW	SW	32.4	41.2	121.8	54.9	250.3	5	Ci.-S.	Cu. SW	4	Ci.-S.	Cu. SSW
12..	SW	W	S	SE	Calm	NW	47	44	66.6	52.6	210.2	3	Ci.	Cu.	7	Ci.	Cu.-N.
13..	NW	W	NE	NE	NE	N	77	57.9	95.3	47.8	278	9	.....	N.	4	A.-Cu.	Cu.
14..	NE	N	E	NE	NE	N	49.1	77.9	93.8	67	287.8	3	Ci.	Cu.	3	Ci.	Cu. E
15..	N	N	NE	NE	NE	N	49.1	84.3	83.1	52.3	268.8	3	Ci.	Cu.	5	Ci.-S.	Cu.
16..	N	N	NE	NE	NE	N	39.7	69	96.6	45.6	250.9	3	Ci.	Cu.	5	Ci.-S.	Cu.
17..	NW	NW	Calm	S	NE	N	41.3	39.2	59	96.8	236.3	3	Ci.	Cu.	4	Ci.	Cu.
18..	Calm	SE	NE	SW	SW	N	27.7	42.6	51.2	54.7	176.2	7	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
19..	Calm	NW	NE	NE	Calm	SE	34.3	32.5	60.7	33.5	161	6	Ci.-S.	Cu.	7	Ci.-S.	Cu.
20..	Calm	Calm	N	Calm	NE	E	19.1	39.1	49.9	44.9	153	7	Ci.-S.	Cu.-N. ENE	6	Ci.-S.	Cu. ENE
21..	SW	Calm	S	S	NE	W	31.9	49.1	72.2	53.6	206.8	7	.....	S.-Cu.	7	Ci.-S.	Cu.
22..	Calm	NW	SE	S	SW	NW	63.6	30.4	71.1	50.7	215.8	9	.....	N.	4	Ci.	Cu. SW
23..	SE	NE	SE	Calm	SW	N	34.1	38.3	46.2	56.3	174.9	6	Ci.-S.	Cu.	7	Ci.-S.	Cu.
24..	Calm	NW	SE	NE	Calm	W	35.9	37	51.5	28.2	152.6	6	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. SW
25..	NW	N	S	W	SE	W	45.9	74	56.8	66.8	243.5	6	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. SW
26..	W	W	S	S	SSW	SW	60.6	108	134.4	42.4	345.4	4	Ci.-S.	Cu.	6	Ci.-S.	Cu. SW
27..	SW	SW	S	SW	SW	SW	45.4	110.7	122.1	105.2	383.4	5	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. SW
28..	SW	SW	S	SW	W	SW	66.5	138.4	156.1	34.9	395.9	5	Ci.-S.	Cu.	6	Ci.-S.	Cu. SW
29..	SW	SW	S	S	SW	E	114	56	69.7	36	275.7	8	Ci.-S.	Cu. SW	8	Ci.-S.	Cu. SW
30..	N	SE	S	S	Calm	NW	50.5	38	37.6	50.9	177	6	A.-Cu.	Cu. SW	7	Ci.-S.	Cu.-N. SW
Mean	.....	.....	.....	.....	.....	.....	53.3	72.3	90.4	56.8	272.8	5.9	.....	.....	6.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,184.3	....	.....	.....	....	.....	.....

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

OCTOBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1..	58.83	59.14	59.88	57.59	58.23	59.91	58.93	27.3	25.3	30	27.5	26.1	25.2	26.9	31	24.3	78	89	69	73	81	90	80	4.5
2..	58.81	58.94	59.49	57.22	57.72	59.69	58.64	25	25.8	28.1	25	27.4	24.7	26	30	23.5	92	85	73	92	81	90	85.5	12.5
3..	58.33	58.71	58.98	56.69	57.32	58.87	58.15	24.7	24.3	29	29.7	25	25.5	26.4	30	22.9	90	89	64	68	92	88	81.8	45.5
4..	57.59	57.62	58.08	55.31	56.37	56.99	56.99	26.2	26.6	29	30.4	28.6	27.8	28.1	31	25	87	83	68	60	66	71	72.5	.....
5..	55.99	56.14	56.83	55.04	55.78	56.56	56.06	27.5	26.8	28	27	25	25.8	26.7	29	24.4	69	74	74	79	88	80	77.3	22.8
6..	55.28	55.56	56.29	54.52	54.94	56.21	55.47	24.1	24.5	25.4	24.5	24.5	25.2	24.7	27	23.5	91	89	87	91	89	90	89.5	29
7..	54.97	55.05	56.24	54.84	56.24	57.09	55.74	24.8	25.3	26.2	25.5	25.5	26	25.6	27	23.5	92	86	79	84	87	88	86	5.9
8..	55.81	56.11	57.45	55.62	56.92	58.49	56.73	25.8	27	27.6	28.8	28	26.9	27.4	29.5	24.8	87	77	79	76	77	85	80.2	.8
9..	57.39	58.49	58.52	56.57	57.93	59.29	58.03	26.2	25.5	28.6	29.2	28	27.5	27.5	30.5	24.5	90	92	75	73	74	76	80	.....
10..	58.26	58.72	59.41	57.17	58.12	59.55	58.54	26.5	27	28.3	29	27.8	26.4	27.5	29.4	24.7	80	80	72	72	80	85	78.2	.....
11..	58.82	58.99	59.41	57.06	57.72	59.64	58.61	25.3	25.5	28.4	30.2	29.3	26.3	27.5	31.7	23.8	88	77	75	66	72	86	79	13.7
12..	58.69	58.94	59.74	57.53	58.69	59.37	58.83	26.8	25	28.5	29.2	28.9	27.7	27.7	30	23	85	92	70	72	70	76	77.5	.....
13..	58.72	59.58	60.46	58.52	59.04	60.57	59.48	26.3	26.5	28	26.4	27.5	25.7	26.7	29	24.6	82	80	77	89	83	88	83.2	4.1
14..	59.69	59.80	59.89	57.72	58.28	59.74	59.19	25.3	26	29	30.1	27.8	26.5	27.4	31.7	24.9	89	88	69	59	79	80	77.3	.....
15..	59	59.03	59.39	57.07	57.38	58.58	58.41	25.4	26.3	30.2	29.7	28.6	26.8	27.8	31.5	24.8	80	74	62	60	69	80	70.8	.....
16..	57.55	58.19	58.78	55.96	56.22	57.42	57.35	26	25.5	29.8	30.9	30	27.3	28.2	31.5	25	85	81	69	58	65	77	72.5	.....
17..	56.19	56.49	57.18	54.42	55.42	56.94	56.11	26.2	25.5	29.5	31.5	29.1	26.2	28	31.6	24.5	84	86	69	57	70	86	75.3	10.6
18..	55.67	56.30	56.88	54.87	55.82	57.26	56.13	26.2	26	30.4	30	29.4	26.5	28.1	31	24.8	88	85	67	71	68	90	78.2	.....
19..	56.90	57.11	57.72	55.92	56.50	58.16	57.05	25.7	25.8	28.5	28	27.9	26.2	27	31.7	24.8	86	85	80	81	85	82	83.2	13
20..	57.19	57.56	58.12	55.98	56.54	58.09	57.25	25.3	25.4	29	29.7	27.5	26.4	27.2	30.7	24.6	86	86	71	69	79	81	78.7	2.5
21..	57.49	57.64	58.34	55.69	57.14	58.77	57.51	25.3	25.5	29.2	31.2	29	26.2	27.7	32	24.3	84	86	73	58	71	85	76.2	23.9
22..	58.19	58.26	58.94	56.39	57.47	59.20	58.08	25.5	25	29.7	30.5	27.4	24.7	27.1	31	24.2	87	87	70	60	76	87	77.8	18.3
23..	58.13	58.81	59.32	56.73	57.34	58.93	58.21	24.5	25	29.5	29.2	27.7	25	26.8	30	23.8	86	92	68	66	82	90	80.7	14.2
24..	57.90	58.64	58.54	56.36	57.11	58.52	57.84	24.7	25.5	28.6	30.2	29.5	27.5	27.7	31.7	24	87	81	72	59	64	77	73.3	.....
25..	57.61	58.39	58.22	55.92	56.67	58.14	57.49	25.7	25.4	30.3	30	29.3	26.7	27.9	32.4	24.7	83	84	64	65	74	79	74.8	1.3
26..	57.21	57.78	57.78	55.13	56.37	58.10	57.06	25.5	27	30	31	29	27.1	28.3	31.6	24.7	85	78	68	63	71	80	74.2	3.6
27..	56.94	57.20	57.59	55.03	56.22	57.36	56.72	26	26.5	30.3	31.4	28.3	26.5	28.2	33	23.9	85	78	65	66	72	79	74.2	6.9
28..	57.06	57.81	58.78	56.49	57.75	59.29	57.86	26.3	26.6	30.5	30.5	28.3	26.6	28.1	31.5	24.9	82	80	65	58	75	85	74.2	11.7
29..	58.64	58.82	59.42	57.06	57.59	58.72	58.38	25.3	25.6	30.5	30.5	28	26.4	27.7	31	24.5	87	83	63	62	74	81	75	.....
30..	57.64	57.31	58.34	56.44	57.39	58.31	57.57	25.8	26.2	28	29.7	27.8	26.5	27.3	30	25.1	81	85	72	61	75	80	75.7	.....
31..	57.04	57.21	57.84	56.45	57.15	57.36	57.18	25.7	25	28.5	25	25.5	25.4	25.8	29.4	23	82	83	72	83	81	80	80.2	27.7
Mean	57.53	57.88	58.45	56.24	57.08	58.42	57.60	25.7	25.8	28.9	29.1	27.8	26.3	27.3	30.6	24.3	85.1	84	71	69.4	76.5	83	78.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	272.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	NE	Calm	SW	W	N	52.5	34.4	59.3	42.9	189.1	7	Ci.-S.	Cu.-N. SW	7	Ci.-S.	Cu.
2..	N	SW	S	NW	SW	NE	42.8	94.8	80.3	70.5	288.4	4	Ci.-S.	Cu.	7	.....	Cu.-N. W
3..	Calm	Calm	Calm	S	SW	SW	36.5	16.4	42.8	43.7	139.4	7	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu. SW
4..	SW	SW	SW	SW	SW	SW	75.3	132.6	138.1	134.7	480.7	7	.....	S.-Cu. SW	7	Ci.-S.	Cu. W
5..	SW	SW	SW	SW	SW	SW	159	199.7	228.5	200.6	787.8	8	.....	Cu.-N. W	9	.....	Cu.-N. WSW
6..	SW	SW	SW	SW	SW	SW	221.3	214	208.7	184.7	828.7	10	.....	N. WSW	10	.....	N. SW
7..	SW	SW	SW	SW	SW	SW	226.1	221.8	189.1	185.8	822.8	9	.....	Cu.-N. SW	9	.....	Cu.-N. SW
8..	SW	SW	S	S	S	SW	149.9	246	276.8	167	839.7	7	Ci.-S.	Cu.-N.WSW	7	Ci.-S.	Cu.-N. WSW
9..	SW	SW	SSW	SSW	SW	SW	157.4	205	186.8	100.3	649.5	7	A.-Cu.	Cu.-N. SW	7	Ci.-S.	Cu. SW
10..	SW	SW	SSW	SW	SW	SW	121.5	224	193.9	57.1	596.5	6	Ci.	Cu. SW	5	Ci.	Cu. SW
11..	Calm	W	S	SE	Calm	NE	30.9	36	35.4	45.7	148	4	Ci.	Cu. SW	5	Ci.	Cu.
12..	N	S	E	NE	NE	E	51.5	44.3	106.5	54.5	256.8	6	Ci.	Cu.	8	Ci.-S.	Cu.-N. ENE
13..	Calm	N	NE	Calm	E	NE	41.2	84.8	31.7	44.5	202.2	5	Ci.	S.-Cu. ENE	8	.....	Cu.-N. ENE
14..	N	NE	NE	NE	NE	N	40.2	31.4	70.3	52.9	194.8	5	Ci.-S.	Cu. ENE	6	Ci.-S.	Cu.
15..	N	NE	E	NE	N	N	54.9	38	85.1	64.4	242.4	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
16..	N	N	NE	NE	NE	N	59.8	54.4	91.5	59.2	264.9	3	Ci.	Cu. ENE	3	Ci.	Cu.
17..	N	N	NE	NE	NE	Calm	43.8	80.7	103.8	38.8	267.1	3	Ci.	Cu. ENE	4	Ci.	Cu.
18..	NW	N	NE	NE	NE	Calm	38	71.8	80.3	35.4	225.5	6	Ci.-S.	Cu.-N. NE	8	Ci.-S.	Cu.-N. NE
19..	N	Calm	S	SE	NE	N	45.7	42.3	39.9	50.5	178.4	4	Ci.-S.	Cu. ENE	8	A.-Cu.	Cu.-N. WSW
20..	N	Calm	Calm	SE	NE	N	31.1	33.6	41	54.1	159.8	6	Ci.-S.	Cu.	7	Ci.-S.	Cu.
21..	NE	Calm	S	SE	E	NW	50.7	44.8	54.4	75.3	225.2	7	.....	Cu.-N.	7	Ci.-S.	Cu.
22..	SW	Calm	S	Calm	E	NW	51.7	32.4	52.9	50.4	187.4	8	.....	S.-Cu.	8	Ci.-S.	Cu.-N.
23..	NW	NW	N	NE	Calm	SW	42	27.6	60.4	44.3	174.3	7	Ci.-S.	Cu.-N. ENE	6	Ci.-S.	Cu.-N.
24..	NW	N	NE	NE	NE	E	50.4	84.2	80.5	50.9	266	4	Ci.-S.	Cu.-N. ENE	4	Ci.	Cu. ENE
25..	N	Calm	ENE	NE	Calm	SW	36.4	48.8	48	28.5	161.7	4	Ci.-S.	Cu. ENE	6	Ci.-S.	Cu.
26..	W	Calm	SW	NE	NE	N	38	31.2	88.5	46.4	204.1	3	Ci.	Cu.	3	Ci.	Cu. NE
27..	N	NW	SW	SE	NE	NW	53.6	32	46.7	54.7	187	3	Ci.	Cu. ENE	3	Ci.	Cu. E
28..	NW	NW	SE	NE	NE	E	60	49.4	92.7	44.3	246.4	4	Ci.	Cu. ENE	3	Ci.	Cu.
29..	Calm	Calm	NE	NE	NE	Calm	28.8	63.4	139.4	33.3	264.9	5	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu.-N. NE
30..	N	Calm	N	NE	N	N	46.2	77	80.5	57.4	261.1	7	Ci.-S.	Cu.-N. NE	7	Ci.-S.	Cu. NE
31..	NW	N	NE	N	N	N	52	75.1	70.8	60.6	258.5	4	Ci.-S.	Cu. NE	9	.....	Cu.-N. NE
Mean	.....	.....	.....	.....	.....	.....	70.6	86.2	100.1	72	329	5.6	.....	.....	6.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,199.1	.....	.....	.....	.....	.....	.....

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

NOVEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	56.98	56.81	57.79	55.33	55.84	56.69	56.57	24.2	25	29.4	29.1	27.5	25.5	26.8	31.3	23.4	86	80	66	64	76	83	75.8	5.3
2..	56.03	56.66	58.02	55.99	56.14	57.52	56.73	24.5	25	28.5	27.6	26.3	26	26.3	28.9	22.7	92	88	70	76	79	80	80.8	.....
3..	57.07	57.21	58.08	56.22	56.84	58.11	57.26	26	27	28.5	29	28	27	27.6	30	24.8	80	77	70	68	74	80	74.8	.....
4..	57.19	57.45	58.54	57.06	58.07	58.65	57.83	25.5	26	29.3	30	27	27	27.5	30.5	24.9	85	84	66	65	83	83	77.7	3.3
5..	58.01	58.22	59.28	56.59	57.61	58.62	58.06	25.5	25.5	25.5	26.5	26	25.8	25.8	26.7	24.6	84	84	92	77	80	81	83	4.3
6..	57.94	58.15	59.31	57.15	57.65	58.94	58.19	26.6	26	28.4	28.2	28	26.7	27.3	29.2	25.1	77	80	69	72	73	77	74.7	.....
7..	57.89	58.69	59.43	57.55	58.19	59.72	58.58	26.4	25.6	27.8	28.6	28	27	27.2	29.1	24.4	79	83	75	66	74	78	75.8	1.8
8..	58.72	58.99	59.51	56.79	57.25	58.30	58.26	26	25.3	29.6	30.5	28	26.2	27.6	31	24.6	82	84	70	56	74	81	74.5	.....
9..	56.82	56.95	57.38	55.34	55.65	57.26	56.57	25	25	27.8	26.7	26.7	25.8	26.2	29.4	24.1	83	83	76	83	85	84	82.3	3.6
10..	57	56.85	58.08	55.94	56.88	58.30	57.18	26	25.9	30.1	30.5	28.6	27	28	31.8	25.4	84	84	66	66	71	80	75.2	1.5
11..	56.45	57.09	58.29	56.26	57.53	58.64	57.38	26	25.6	29.4	29.5	28	26.3	27.5	30.8	25	82	87	70	70	79	82	78.3	.....
12..	57.72	58.14	59.08	56.43	57.55	58.82	57.96	25.2	25.6	28.6	30	26.8	25.7	27	30.3	24	84	83	73	66	83	86	79.2	14.5
13..	57.94	58.83	59.02	56.59	57.09	58.54	58	25.2	25	29	28.6	26.8	26.9	26.9	29.5	24.1	86	88	72	78	83	76	80.5	15.2
14..	56.92	56.84	56.64	54.01	54.85	56.48	55.96	26	25.6	26.9	26	24.6	24.5	25.6	27	23.9	82	85	82	88	89	92	86.3	51.9
15..	55.97	56.44	57.29	54.63	55.32	56.96	56.10	25.2	25.3	28.5	29.1	28.3	26.9	27.2	29.8	24	83	86	72	68	72	79	76.7	3.8
16..	56.16	56.76	57.99	56.36	57.18	58.07	57.09	26	25.5	25.3	27	25.6	25	25.7	27.7	24.1	84	85	92	77	88	86	85.3	20.3
17..	57.51	58.01	58.47	56.19	57.08	58.19	57.58	24.3	24.8	27.4	28.5	27.5	25.8	26.4	29	23.9	91	91	77	69	77	85	81.7	7.6
18..	57.16	58.01	58.47	56.07	57.17	58.21	57.52	24.9	24.5	29.5	30.5	28.5	26.2	27.4	31.6	23.7	84	87	70	58	69	77	74.2	.....
19..	57.55	57.92	58.64	56.57	57.83	58.44	57.82	25.3	25	28.5	30	28	26.5	27.2	31	24.1	84	87	73	68	77	80	78.2	.....
20..	58.04	59.15	59.31	57.36	57.97	59.12	58.49	25.4	25.2	29.7	29.3	28.5	26.5	27.4	31.5	24	83	82	69	62	78	82	76	.....
21..	58.34	59.35	59.54	57.24	58.12	59.12	58.62	25.8	25.4	31.1	30.5	29.2	27.3	28.2	31.6	24.6	83	83	61	62	72	76	72.8	11.4
22..	58.31	58.31	59.60	57.25	58.24	58.79	58.42	27	26	27.2	28	26.4	25.3	26.6	28.4	24	78	80	78	70	81	85	78.7	1.3
23..	58.11	58.09	58.73	56.05	57.05	58.41	57.74	25.5	25.5	26.9	27.4	26.1	25.5	26.2	27.7	24.6	83	84	77	76	79	81	80	1.3
24..	56.90	57.05	58.19	55.66	56.98	58.11	57.15	25	25.2	27	27.5	26	25.4	26	28.5	22.5	85	90	80	77	84	88	84	27.9
25..	57.21	57.31	59.15	57.30	58.21	59.16	58.06	25	24.7	26.3	27.5	25.5	24.5	25.6	28.9	23	88	87	82	81	84	87	84.8	10.9
26..	57.96	58.74	59.45	56.98	58.24	58.94	58.38	24.1	24.4	28	30.5	28.5	26.4	27	30.8	23.4	88	88	72	63	70	81	77	.....
27..	58.01	58.54	59.18	56.97	57.94	58.90	58.26	25.9	25.5	29.3	29.6	27.8	26	27.4	30.9	24.9	82	85	70	68	76	82	77.2	.....
28..	58.57	59.48	60.16	58.02	58.51	60.12	59.14	25.4	25	28.6	30	27.9	26.1	27.2	31	24.4	80	85	70	67	74	83	76.5	2
29..	59.78	59.94	60.84	58.93	59.62	60.68	59.96	26	25.7	29.2	30.3	28.5	26.6	27.7	31	24.5	82	83	63	60	74	78	73.3	.....
30..	59.98	59.99	60.85	58.64	58.92	60.04	59.74	26	25.7	26	28.5	27.6	26.3	26.7	29.7	23.4	82	82	88	76	76	78	80.3	12.2
Mean	57.61	58	58.81	56.58	57.38	58.53	57.82	25.5	25.4	28.2	28.8	27.3	26.1	26.9	29.8	24.2	83.5	84.5	73.7	69.9	77.8	81.7	78.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	200.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NW	N	NE	NE	N	N	52	63	93.3	51.7	260	4	Ci.	Cu. NE	7	Ci.-S.	Cu. NE
2..	N	N	NNE	NE	N	N	65.8	112.9	145.8	71.1	395.6	8	Ci.-S.	Cu.-N. NE	9	.....	Cu.-N. NE
3..	N	N	NE	NE	N	Calm	72.9	132.5	115.1	48.6	369.1	5	Ci.	Cu. ENE	6	Ci.-S.	Cu. ENE
4..	N	N	NE	NNE	E	N	67.6	97.9	100.9	44.1	310.5	7	Ci.-S.	Cu. E	4	A.-Cu.	Cu. E
5..	NE	N	NNE	N	N	N	48.8	96.8	118.1	83.4	347.1	9	.....	N. ENE	9	.....	N. NE
6..	NE	N	NE	NE	NE	N	87.4	98	143.4	91.1	419.9	7	Ci.-S.	Cu. ENE	8	Ci.-S.	Cu. ENE
7..	SE	NE	N	NE	NE	N	48.9	70.8	93.3	69.8	282.8	8	.....	S.-Cu. ENE	8	.....	S.-Cu. ENE
8..	N	NW	SE	NE	N	N	56.8	40.7	114.8	39.9	252.2	4	Ci.	Cu. ENE	6	Ci.-S.	Cu. ENE
9..	Calm	Calm	SW	SW	Calm	NW	26.6	33	22.3	31.7	113.6	6	Ci.-S.	Cu. ENE	9	.....	Cu.-N.
10..	Calm	N	Calm	NE	NE	N	28.5	38	61.2	53.3	181	3	Ci.	Cu. ESE	4	Ci.	Cu. SE
11..	N	NE	SE	NE	Calm	W	46.1	34	37.2	28.5	145.8	7	Ci.	Cu. SE	7	Ci.-S.	Cu.-N.
12..	W	W	S	S	Calm	W	35.1	37.8	35.7	40.5	149.1	3	Ci.	Cu.	6	Ci.-S.	Cu. NE
13..	NW	NW	NE	SW	N	N	30	29.6	38.1	47.3	145	7	Ci.-S.	Cu. NE	8	Ci.-S.	Cu.-N. NNE
14..	Calm	SW	SW	Calm	N	N	27.2	48.3	81.6	102	259.1	9	.....	Cu.-N. NNE	10	.....	N. N
15..	N	N	NE	NE	NE	N	88.3	104.4	117.7	71	381.4	7	Ci.-S.	Cu. ENE	6	Ci.-S.	Cu. E
16..	N	N	W	N	SE	NW	68.7	61.5	46.1	41	217.3	10	.....	Cu.-N. SE	9	.....	Cu.-N. SE
17..	NW	NW	Calm	SW	W	NE	36.4	42.4	115.3	43	237.1	5	Ci.-S.	Cu.-N. SSE	7	Ci.-S.	Cu.
18..	NW	NW	E	S	SW	NW	48.8	34.3	82.4	44	209.5	6	Ci.-S.	Cu. SSE	5	Ci.	Cu. SSE
19..	Calm	NW	SW	S	Calm	NW	29.2	53.4	79.7	30.1	192.4	6	Ci.	Cu. S	6	Ci.	Cu. SSW
20..	NW	NW	S	NE	Calm	N	34.4	40.7	45.4	38.1	158.6	3	Ci.	S.-Cu. S	5	Ci.	Cu. S
21..	Calm	Calm	NE	NE	NE	N	47.5	60	107.3	58.4	273.2	2	Ci.	Cu.	4	Ci.	Cu. NE
22..	NW	N	N	NE	N	N	48.1	93.9	96	48.8	286.8	8	.....	Cu.-N. NE	9	.....	Cu.-N. NE
23..	N	N	NE	NE	N	N	70.5	96.4	96.8	58.2	321.9	6	Ci.-S.	Cu. NE	8	Ci.-S.	Cu.-N. NE
24..	N	N	N	NE	E	Calm	36	50.2	98.8	28.4	213.4	9	.....	Cu.-N. ENE	8	A.-Cu.	Cu.-N. ENE
25..	W	N	NW	E	SW	Calm	41.2	31.4	59.5	62.5	194.6	9	.....	Cu.-N. SE	9	.....	Cu.-N. SSE
26..	NW	NW	W	Calm	NE	N	48.5	38.3	48.8	31.7	167.3	8	.....	S.-Cu.	6	Ci.	Cu. E
27..	N	N	NE	SE	S	W	32.8	41.8	68.6	36.2	179.4	6	Ci.	Cu. E	7	Ci.-S.	Cu. E
28..	W	NW	NE	NE	NE	N	45.1	62.2	84.5	54.5	246.3	4	Ci.	Cu. E	4	Ci.	Cu. E
29..	N	N	NE	NE	NE	N	46.1	54.9	99.5	60.2	260.7	3	Ci.	Cu. E	4	Ci.	Cu. E
30..	N	N	N	NE	N	N	52.5	58.9	106.4	58.5	276.3	4	Ci.	Cu. E	7	Ci.-S.	Cu.-N. E
Mean	.....	.....	.....	.....	.....	.....	48.9	61.9	85.1	52.3	248.2	6.1	.....	.....	6.8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,447	.....	.....	.....	.....	.....	.....

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

DECEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	59.38	59.82	60.48	57.92	58.28	59.97	59.31	26	25.5	29.4	29.5	27.6	26	27.3	31	24.6	80	81	63	63	76	82	74.2	.....
2..	59.07	59.37	60.14	57.92	58.77	59.69	59.16	25.4	24.8	30.5	29.4	27.8	26.5	27.4	31.5	23.7	82	83	62	68	75	80	75	1
3..	58.91	59.29	60.47	58.23	58.72	59.89	59.25	25	25	29	30.3	27.6	27.2	27.4	30.5	23.7	83	83	66	61	76	75	74	.....
4..	58.97	59.70	60.26	58.21	58.91	60.34	59.40	25.5	26	28.7	31.3	28.2	26.2	27.6	31.4	24.9	80	78	63	55	69	77	70.3	1.3
5..	58.89	59.02	59.19	57.22	58.06	58.84	58.54	25.3	26	28.4	30	26.9	26.1	27.1	30.1	24.4	81	80	70	62	74	78	74.2	.....
6..	57.16	57.51	57.62	54.79	56.31	56.72	56.68	25.3	25.8	28.8	30.5	26.4	25.4	27	30.6	23.8	80	78	63	56	85	84	74.3	5.6
7..	55.51	55.60	56.64	53.42	53.98	55.89	55.17	24.7	25.5	28.4	29.2	27.6	26.5	27	29.5	23.7	86	80	70	68	73	78	75.8	3.8
8..	54.59	55.14	56.16	53.93	54.84	56.42	55.18	25.3	25.3	27.5	28.1	28.4	26	26.8	29	24.3	83	84	78	71	73	82	78.5	2.5
9..	55.96	56.19	57.88	55.82	57.08	58.62	56.92	25.8	25.4	29	29.7	28.8	26.5	27.5	31.4	24.8	84	85	71	63	72	82	76.2	1.5
10..	57.55	57.79	58.29	55.56	56.25	57.91	57.22	26	25.5	29.5	29.5	29	26.6	27.7	31	24.6	84	85	70	64	68	78	74.8	9.7
11..	56.31	57.51	58.18	55.78	56.94	58.11	57.14	25.7	24.5	29.5	28.9	28	26	27.1	30	23.6	82	87	68	67	74	82	76.7	.....
12..	56.91	57.46	58.34	56.52	56.94	57.99	57.36	25	24.7	29.5	29.5	27.6	25.8	27	30	23.9	83	87	69	63	76	79	76.2	.....
13..	57.37	57.69	58.68	56.98	57.47	58.64	57.80	26.2	25.5	29	30.2	28.4	26.3	27.6	30.8	24.5	79	81	64	54	68	77	70.5	.....
14..	57.76	57.51	59.41	57.53	57.20	58.17	57.93	25.8	25.3	29.5	30	28	25.9	27.4	32	23.8	79	81	64	59	65	75	70.5	.....
15..	57.40	58.07	59.11	56.74	56.92	58.21	57.74	24.8	25.3	30.3	30	28.2	26.1	27.4	31	23.6	87	81	63	60	70	76	72.8	.8
16..	57	57.06	58.01	55.73	56.67	57.20	56.94	25.9	25.5	28	29.5	28.2	26.3	27.2	31.3	24.5	78	84	73	66	72	78	75.2	.....
17..	56.79	57.28	58.22	56.04	57.14	58.06	57.26	25.4	24.6	29	30.2	28.6	26.2	27.3	30.8	23.7	82	82	65	55	64	74	70.3	.....
18..	57.45	58.21	59.14	56.77	57.72	58.99	58.05	25.3	25.7	28.9	30.9	28.8	25.9	27.6	31.4	23.8	78	80	67	58	69	81	72.2	6.9
19..	57.80	58.55	58.97	57.07	57.94	58.67	58.17	26	26	29	29.4	25.6	26	27	30	24.2	80	78	66	63	84	82	75.5	12.2
20..	57.75	57.94	58.58	56.61	57.19	58.39	57.74	25	25.3	28	29.6	28.4	26.8	27.2	30	23.9	85	84	73	62	70	77	75.2	.....
21..	58.05	58.31	58.76	56.93	56.70	58.08	57.80	26	25.7	29.2	28.2	27.2	26.3	27.1	29.5	24.5	80	81	63	70	75	76	74.2	.....
22..	57.26	58.24	58.87	56.33	56.77	58.09	57.59	25.5	25.7	28.9	30.1	28.8	26.3	27.6	30.5	24.5	80	78	63	58	68	79	71	.....
23..	56.80	57.09	58.24	57.19	57.09	58.52	57.49	26	25.5	28.5	25	25.9	25.1	26	29	24	78	78	69	88	77	82	78.7	16.8
24..	56.94	57.21	58.34	55.75	56.67	57.14	57.01	25.5	24.5	27.5	26.5	26.1	25.4	25.9	28	22.7	82	86	75	80	83	82	81.3	1.8
25..	56.08	56.71	57.34	55.03	55.39	56.34	56.15	24.7	24.7	29.2	28.9	28	26	26.9	30.5	23.8	84	84	64	66	73	81	75.3	10.9
26..	55.61	56.10	57	54.57	55.54	56.79	55.94	25.7	24.5	27.5	28.9	28	26	26.8	30	23.5	83	87	75	67	74	81	77.8	.8
27..	55.62	56.15	57.16	55.25	56.14	57.05	56.23	25	24.2	27.1	27.5	26.4	26	26	28.5	23.5	83	90	74	76	81	80	80.7	21.6
28..	56.66	56.01	57.71	55.37	55.98	57.16	56.48	25.2	24.8	27.3	29	27.4	25.5	26.5	31	23.9	84	87	77	71	77	85	80.2	.....
29..	56.96	56.98	58.47	56.27	56.75	58.24	57.28	25	24.9	27.8	28	27.3	25.5	26.4	29.9	24	86	86	75	70	82	83	80.3	.....
30..	56.85	57.26	58.44	56.17	56.99	58.21	57.32	25	24.9	29	29	26.4	25.7	26.7	31.5	24	83	84	70	72	81	84	79	1.8
31..	57.44	57.59	58.70	57.31	57.72	58.90	57.94	25	25.5	25.5	26.1	25	24.7	25.3	27.5	23.8	83	84	83	80	85	86	83.5	4
Mean	57.19	57.56	58.48	56.29	56.94	58.10	57.43	25.4	25.2	28.6	29.1	27.6	26	27	30.3	24	82	82.8	68.9	65.7	74.5	79.9	75.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	103

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	N	NE	NE	Calm	N	68.6	44.9	55.3	28.8	197.6	3	Ci.	Cu. E	6	Ci.	Cu.
2..	NW	NW	NE	NE	Calm	N	41.5	39.7	71.8	43.7	196.7	3	Ci.	Cu. ENE	7	Ci.-S.	Cu.-N. NE
3..	NW	Calm	NE	NE	N	N	36.2	73.2	99	62.2	270.6	7	.....	S.-Cu.	4	Ci.	Cu. NE
4..	N	N	NE	NE	NE	NE	89.3	104.6	88.2	51.8	333.9	6	Ci.	S.-Cu. NE	4	Ci.	Cu. ENE
5..	N	N	NE	NE	N	N	90.1	107.5	89.1	73.8	360.5	5	Ci.	Cu. ENE	6	Ci.-S.	Cu. NE
6..	N	N	N	NE	Calm	NW	62.6	106.7	88.8	40.2	298.3	6	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu. NE
7..	NW	NW	N	NE	N	N	40.5	59.2	109.7	63	272.4	8	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N. NE
8..	N	Calm	N	NE	NE	N	41	42.9	85	46.1	215	8	.....	Cu.-N. E	6	Ci.-S.	Cu. ENE
9..	N	N	SE	S	E	NE	33.3	35.9	60.2	46.1	175.5	7	A.-Cu.	Cu. E	4	Ci.	Cu. .....
10..	NE	NE	SE	NE	NE	N	38	39.6	77	57.6	212.2	3	Ci.	Cu. E	4	Ci.	Cu.
11..	Calm	Calm	Calm	SW	NE	Calm	39.4	42.1	67.1	39.1	187.7	5	Ci.	Cu. ENE	5	Ci.-S.	Cu.
12..	W	Calm	Calm	NE	N	N	42.8	41.6	108.1	55.7	248.2	6	Ci.-S.	Cu. ENE	3	Ci.	Cu.
13..	N	N	NE	NE	N	N	50.2	57.1	71.6	58.1	237	3	Ci.	Cu. ENE	3	Ci.	Cu. E
14..	N	Calm	NE	NE	N	N	59	51.7	87.7	37.2	235.6	3	Ci.	Cu. E	3	Ci.	Cu. E
15..	Calm	N	NE	NE	NE	N	30.9	64.2	118.9	52.1	266.1	3	Ci.	Cu. E	4	Ci.	Cu. E
16..	N	Calm	NE	NE	NE	N	33	52.1	99.8	66	250.9	6	Ci.	Cu.-N. E	3	Ci.	Cu. ENE
17..	N	NW	NE	NE	N	N	63.4	60.7	89.6	53.1	266.8	3	Ci.	Cu. ENE	3	Ci.	Cu. E
18..	N	N	NE	NE	NE	N	47.5	75.9	99.2	72.2	294.8	6	Ci.-S.	Cu.-N. E	3	Ci.	Cu. E
19..	N	N	NE	NE	N	N	72.4	95.2	93.1	47.8	308.5	4	Ci.	Cu. E	6	Ci.-S.	Cu.-N. ENE
20..	Calm	NW	NE	NE	NE	N	33.8	69.2	104.3	84.5	291.8	8	.....	Cu.-N. E	3	Ci.	Cu. E
21..	N	N	NE	NE	N	N	60.9	92.7	119.6	76.1	349.3	3	Ci.	Cu. E	6	Ci.-S.	Cu.-N. ENE
22..	N	N	NE	NE	NE	N	56.5	110.4	127.1	68.2	362.2	3	Ci.	Cu. ENE	3	Ci.	Cu. E
23..	N	N	N	N	N	N	58.4	99.3	81.5	41.8	281	6	A.-Cu.	Cu. E	9	.....	Cu.-N. ENE
24..	N	NW	NE	NE	N	Calm	45.4	63	74.2	40.7	223.3	8	.....	Cu.-N. ENE	9	.....	Cu.-N. NE
25..	Calm	Calm	NE	NE	Calm	E	27.4	40	54.9	57.1	179.4	4	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu. ENE
26..	NW	Calm	W	NE	E	NE	43.3	39.1	47.5	37.8	167.7	8	Ci.-S.	Cu.-N. ENE	8	Ci.-S.	Cu.-N.
27..	NE	NE	NE	NE	W	NW	35.2	94.6	58.2	55.2	243.2	6	Ci.-S.	Cu. ENE	8	.....	Cu.-N. ENE
28..	NW	NW	N	E	Calm	N	22	50.1	49.6	32.2	153.9	9	.....	Cu.-N. SE	8	.....	Cu.-N.
29..	N	Calm	NE	NE	Calm	NW	30.4	41.3	43.3	35.7	150.7	6	Ci.-S.	Cu. SE	7	Ci.-S.	Cu.-N. SE
30..	NW	NW	Calm	NE	N	Calm	32.9	24.3	57.9	35.9	151	6	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. S
31..	N	Calm	SW	Calm	Calm	Calm	32.2	39.1	32.8	33.8	137.9	9	.....	N.	9	.....	Cu.-N. NNW
Mean	.....	.....	.....	.....	.....	.....	47	63.2	81	51.4	242.6	5.5	.....	.....	5.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,519.7	.....	.....	.....	.....	.....	.....

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

JANUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	56.90	57.68	59.27	56.70	57.71	59.06	57.89	24.8	24.5	29.1	30.8	27.8	25.4	27.1	31.2	24.4	92	92	70	58	71	82	77.5	.....
2..	58.17	58.84	60.06	57.32	58.66	59.93	58.83	24.2	23.2	29	31.6	28	25.8	27	32.9	22.7	86	91	71	60	74	84	77.7	.....
3..	58.80	59.18	60.52	58.08	58.92	59.98	59.25	24.6	24	27.6	27.5	25.5	24.5	25.6	28.5	23.5	91	91	80	77	89	92	86.7	9.6
4..	59.12	59.82	60.91	59.15	60.60	61.74	60.22	24.5	24	28.2	28	24	24.2	25.5	29.4	23.4	89	91	74	77	93	88	85.3	24.9
5..	61.22	61.94	62.83	61.18	61.71	62.84	61.95	23.8	23.2	25.4	27	25	25	24.9	27.2	23	88	91	84	67	80	76	81	2.8
6..	62.07	62.06	62.86	60.87	61.58	61.92	61.89	23.6	23	26	27.5	24.5	23.6	24.7	27.8	22.8	80	79	70	58	79	84	75	.....
7..	61.43	61.49	62.28	60.26	60.80	62.32	61.43	23.5	22.6	28	28.5	26.6	24.2	25.6	29.2	22.5	85	91	65	60	68	82	75.2	.....
8..	61.77	61.92	63.30	61.17	61.48	62.49	62.02	23.2	23	26.5	27.6	26.3	24.5	25.2	29.2	22.9	88	91	76	67	69	80	78.5	.8
9..	62.47	62.61	63.31	61.07	61.33	62.43	62.20	24	23	26.2	28.5	26.6	24.2	25.4	29	22.7	84	95	79	64	74	86	80.3	6.4
10..	62.36	62.22	62.92	60.55	61.40	62.38	61.97	23.4	23.5	27.6	29	26	24.5	25.7	29.6	23	91	91	70	64	80	87	80.5	.....
11..	61.77	61.19	62.09	60.17	60.61	61.81	61.27	24	24	25.2	27	24.6	23.6	24.7	27.7	23	90	87	83	73	87	91	85.2	3.8
12..	60.99	60.16	61.08	58.68	59.47	60.85	60.20	23.2	23.5	26.6	28.6	26.6	25	25.6	29.5	23	93	91	76	66	72	83	80.2	.....
13..	59.63	59.04	60.35	58.37	58.78	60.30	59.41	24.5	24	28.5	29.2	26.5	25	26.3	29.6	24	89	91	67	63	80	90	80	35.1
14..	59.64	59.56	60.38	58.02	58.87	60.40	59.48	23.6	23.6	28	27.7	26.5	24.8	25.7	28.8	23	98	97	76	79	82	88	86.7	.....
15..	59.76	59.54	60.42	57.66	58.42	59.49	59.22	23.8	23.5	28	28	26	24.6	25.6	30.2	23.5	93	96	75	77	84	93	86.3	.....
16..	58.56	58.95	59.73	57.16	58.86	59.87	58.86	23.4	23.5	28.1	29	26.6	24	25.8	29.8	23	95	91	77	71	76	86	82.7	.....
17..	58.79	58.84	59.81	57.40	57.92	59.25	58.67	23.8	23.5	25.8	29	25.5	24.8	25.4	29.6	23	90	96	89	75	89	89	88	.....
18..	57.79	57.89	58.51	55.83	57.22	59.09	57.72	24.8	24.5	27.6	28.5	27	24	26.1	29.5	23.2	88	92	83	74	83	95	85.8	3.8
19..	57.93	57.64	59.10	56.59	57.42	58.65	57.89	23.2	24	27	26	24.6	24	24.8	28.2	22.7	98	97	83	85	91	95	91.5	1
20..	57.54	57.64	58.66	55.80	57.27	58.85	57.63	23.5	23.5	28	30.1	26.5	23.5	25.8	30.3	23	96	96	77	71	82	89	85.2	16
21..	57.89	57.85	58.84	56.15	57.97	59.02	57.95	23	22.5	27.8	29	24	24	25	30.1	22.4	90	91	79	72	96	96	87.3	16.8
22..	58.03	57.99	58.70	56.16	57.63	58.57	57.85	23.6	23.5	27.4	28.8	25	24.5	25.5	29.4	23.2	95	94	78	76	97	94	89	2.8
23..	58.16	58.51	58.74	56.46	57.37	58.61	57.98	24	23.5	28	28.5	27	25.8	26.1	30.6	23.4	95	96	81	75	84	87	86.3	.....
24..	57.67	58.01	58.91	56.64	57.42	58.74	57.90	25	24.6	28.5	29.5	26.5	25.1	26.5	30.5	23.5	90	92	75	71	84	91	83.8	.....
25..	58.13	58.16	59.10	57.51	58.60	59.85	58.56	24.8	24.5	26.5	28.5	27	24.8	26	29.1	24.2	92	92	84	70	73	85	82.7	.....
26..	58.60	59.14	59.33	57.36	58.41	59.33	58.70	24.2	23.6	28.2	29	26.5	24.6	26	29.1	23.5	88	91	74	68	77	89	81.2	.....
27..	58.53	58.99	59.57	57.16	58.30	59	58.59	24	23.6	27.6	28.5	26.7	24	25.7	29.3	23.3	92	97	76	60	73	91	81.5	1
28..	57.99	58.06	59.15	56.81	58.02	59.36	58.23	23.2	23.5	25.6	29	26.5	24.2	25.3	29.5	23	93	91	92	71	84	91	87	.....
29..	58.39	58.35	59.57	57.32	58.57	60.05	58.71	23.5	23.6	27	29.3	27.2	25	25.9	29.5	23.4	94	91	78	62	69	83	79.5	.....
30..	58.88	58.98	59.77	57.37	58.15	59.48	58.77	24.2	23.5	28.1	29	26.5	24.2	25.9	30	23.2	88	91	71	61	76	88	79.2	.....
31..	58.69	58.89	59.60	56.90	57.50	58.77	58.39	23.4	22.5	28	29.5	26.5	25	25.8	29.5	22.2	91	96	74	70	80	82	82.2	.....
Mean	59.28	59.39	60.31	58	58.93	60.14	59.34	23.9	23.6	27.4	28.6	26.1	24.5	25.7	29.5	23.1	90.7	92.2	77	69.1	80.5	87.6	82.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	124.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	N	NE	NE	NE	N	60.2	87.9	84.2	59.3	291.6	7	Ci.	Cu.	4	Ci.	Cu.
2..	N	Calm	NE	SW	SW	N	40.2	52.1	47.5	30.8	170.6	3	Ci.	Cu.	6	Ci.	Cu.
3..	N	Calm	NE	N	N	N	21.9	58.9	82.6	95.6	259	7	A.-Cu.	Cu.-N.	7	Ci.-S.	Cu.-N.
4..	N	N	NE	NE	N	N	109.6	132.3	160.8	110	512.7	6	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu. NE
5..	N	NE	NE	NE	NE	NE	132.5	162.6	218.3	165.8	679.2	7	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. NE
6..	NE	N	NE	NE	N	N	134.4	205.5	201.7	136.3	677.9	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.
7..	N	N	NE	NE	NE	N	128.7	147.6	154.8	98	529.1	7	Ci.-S.	Cu.	5	Ci.-S.	Cu.
8..	N	N	NE	NE	N	N	112.5	124.4	139	103.2	479.1	3	Ci.	Cu.	9	Ci.-S.	Cu.
9..	N	NE	NE	NE	NE	NE	115.6	152.9	185.1	96	549.6	9	Ci.-S.	Cu.-N.	7	Ci.	Cu. NE
10..	N	N	NE	NE	NE	N	113.2	182.9	215.7	131.2	643	8	Ci.-S.	Cu.-N.	7	Ci.	Cu. NE
11..	N	N	NE	NE	N	N	117.2	185.4	207.7	123.4	633.7	8	Ci.-S.	Cu.-N. NE	8	Ci.-S.	Cu.
12..	NE	N	N	NE	NE	N	160.6	186.6	189.7	127.1	664	8	Ci.-S.	Cu.-N. NE	8	Ci.	Cu. NE
13..	N	N	NE	NE	NE	NW	155.3	177.6	174.2	116.7	623.8	7	Ci.-S.	Cu.-N.	5	Ci.	Cu.
14..	N	N	NE	NE	NE	N	101.2	141.9	156.9	113.2	513.2	8	Ci.-S.	Cu.	10	Ci.-S.	Cu.
15..	N	N	NE	NE	N	N	90.6	142.9	150	96	479.5	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. NE
16..	N	N	NE	NE	NE	N	127.4	165.8	163.1	107.3	563.6	7	Ci.-S.	Cu.	7	Ci.-S.	S.-Cu.
17..	N	N	N	NE	N	N	116.1	148.6	147.1	111.5	523.3	5	Ci.-S.	Cu.	7	Ci.	Cu.
18..	N	N	N	NE	N	NE	133.4	155.3	178.9	129.7	597.3	8	Ci.-S.	S.-Cu.	5	A.-Cu. E	Cu.
19..	N	N	NE	NNW	NE	NE	105.7	113.3	138.1	77.9	435	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
20..	N	NE	NE	E	N	NW	57.9	77	84.7	43.1	262.7	5	Ci.-S.	Cu.	5	Ci.	Cu.
21..	N	N	NE	NE	N	N	42.3	56.3	86.3	39.6	224.5	5	Ci.-S.	Cu.	5	Ci.-S.	Cu.-N.
22..	N	N	N	N	NE	N	52.8	91.9	93.3	65.7	303.7	5	Ci.-S.	Cu.	5	Ci.-S.	Cu.-N.
23..	N	N	NE	NE	NE	N	53.6	50.7	111.3	84.3	299.9	7	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.-N.
24..	N	N	NE	NE	N	N	79.7	121.8	136.8	113.8	452.1	7	Ci.-S.	Cu.	5	Ci.-S.	Cu.-N.
25..	N	N	NE	NE	NE	N	104.3	129.7	136.3	110.5	480.8	7	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
26..	N	N	NE	NE	NE	N	113	143	126.6	104.8	487.4	6	Ci.-S.	Cu. NE	7	Ci.-S.	Cu.-N.
27..	N	N	NE	NE	NE	N	93.6	125	137.3	105.4	461.3	8	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu.
28..	N	NE	N	NE	N	N	116.5	106.8	125.3	115.1	463.7	8	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu.
29..	N	N	NE	NE	N	N	114.1	135.7	156.8	116.4	523	5	Ci.-S.	Cu.	7	Ci.-S.	Cu.
30..	N	N	NE	NE	N	N	122.9	153.5	145	117.2	538.6	5	Ci.	Cu.	5	Ci.	Cu.
31..	N	NE	NE	NE	N	N	63.6	89	89.3	78.6	320.5	7	Ci.	Cu.	7	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	99.7	129.2	142.7	100.8	472.4	6.7	.....	.....	6.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,643.4	....	.....	.....	....	.....	.....

ILOILO.

[$\phi = 10°\ 42'$ N; $\lambda = 122°\ 34'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

FEBRUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	58.13	58.26	58.89	56.69	57.42	58.70	58.02	23.8	23	28	27.5	24.6	23.6	25.1	29.1	22.5	86	88	71	73	91	97	84.3	0.5
2..	57.55	57.96	58.82	56.48	57.62	59.35	57.96	23.3	23.2	27	28.6	27.2	24.8	25.7	29.2	23	97	98	80	70	77	92	85.7	.....
3..	58.43	58.64	60	57.48	58.64	60.42	58.94	23.8	23.5	26.2	28.5	25.7	24.6	25.4	29.5	23.3	95	96	83	74	86	92	87.7	.....
4..	59.39	59.55	60.88	58.87	59.66	61.25	59.93	24	23.5	27.5	29	27.5	24.6	26	29.8	23.3	91	91	71	66	70	85	79	.....
5..	59.87	60.17	61.50	59.37	60.06	61.40	60.40	23.8	23.5	29	29.9	27	25.2	26.4	30.2	23.3	88	87	66	62	78	85	77.7	.....
6..	60.67	60.87	61.85	59.92	60.55	61.56	60.90	23.8	23.5	28.5	29.5	27.3	25.2	26.3	30.2	22.7	93	91	68	64	74	83	78.8	.5
7..	60.54	61.09	61.96	59.52	60.35	61.79	60.88	24.6	23.5	26	28.5	26.5	24.3	25.6	29.2	23.2	88	96	84	71	80	91	85	.8
8..	60.57	60.83	61.62	59.06	59.85	61.38	60.55	23.7	23.7	28	29	27.5	25	26.2	29.6	23.6	92	91	74	68	71	85	80.2	.....
9..	60.51	60.56	61.22	59.13	59.72	60.48	60.27	24	23.5	28.5	25.5	24	23.8	24.9	30.6	23	88	91	70	92	89	93	87.2	32.8
10..	60.07	60.24	61.12	59.02	59.95	61.22	60.27	24	23.7	27.5	28.5	26	24	25.6	29.1	23.1	91	94	75	70	76	86	82	.5
11..	60.23	60.27	61.17	58.61	59.72	60.99	60.16	23.8	23.5	27.2	28	25.2	24	25.3	29.2	23	88	89	75	74	90	95	85.2	2.6
12..	60.32	60.59	61.42	59.02	60.20	61.34	60.48	23.6	23	28	30.5	26.2	24	25.9	30.5	22.5	97	96	74	59	82	91	83.2	6.9
13..	60.59	60.18	61.17	58.72	59.88	61.04	60.26	23.4	23.5	27.8	27.5	25.5	24.2	25.3	28.7	23	97	96	75	77	84	90	86.5	8.7
14..	60.13	59.99	60.94	58.80	59.69	60.98	60.09	23.6	23.3	23.5	25	24.5	23.8	24	26.6	23	95	97	96	96	92	93	94.8	26.2
15..	60.44	60.39	61.78	59.54	59.83	60.94	60.49	23.5	23.5	25.1	26.3	26	24.2	24.8	28.2	22.5	96	96	91	86	84	93	91	2.5
16..	59.92	60.14	60.97	58.40	58.75	59.97	59.69	23.7	23.5	27.5	30	27.5	25	26.2	30.2	23.4	94	96	77	62	73	88	81.7	.....
17..	59.09	59.56	60.47	57.39	57.81	59.36	58.95	23.4	23	28	30.5	27.5	24.8	26.2	30.7	23	93	96	74	59	75	87	80.7	.....
18..	57.93	58.19	58.83	56.04	57.08	58.69	57.79	24.2	23.3	28.4	30	26.2	25	26.2	30.2	23	91	95	73	65	86	90	83.3	11.2
19..	57.47	57.59	58.73	56.35	58.02	58.81	57.83	23.4	23.5	27.6	28.5	25.5	23.6	25.4	28.9	23.2	97	96	80	74	84	95	87.7	2
20..	58.21	58.53	59.57	57.42	58.71	59.92	58.73	22.8	22.5	28	30.4	23.5	23.2	25.1	31.2	22.3	96	96	74	63	93	95	86.2	19.3
21..	59.55	59.89	60.96	59.10	59.76	61.33	60.10	23	23	25.2	26.1	24.5	23.2	24.2	27	22.8	95	96	84	82	85	97	89.8	.8
22..	60.37	60.06	60.96	59.04	59.70	61.22	60.22	23	23	24.7	27	24.5	23.4	24.3	28.3	23	96	96	90	77	87	93	89.8	.....
23..	59.71	59.37	60.58	57.79	58.50	58.89	59.14	23	23	27	25	25.1	24.2	24.6	28.2	22.7	93	91	81	96	88	91	90	9.6
24..	57.75	58.31	58.84	56.56	57.27	58.52	57.88	23.8	24	28.4	29.6	27.3	24.5	26.3	30	23.5	93	91	71	67	81	92	82.5	.....
25..	57.73	58.04	58.91	56.65	57.12	58.50	57.82	24	23.5	28	30	28	25.2	26.4	30.6	23.3	93	96	67	56	68	85	77.5	.....
26..	57.72	57.54	58.25	56.05	56.71	58.10	57.40	24.2	23.6	28.5	29.5	27.5	25	26.4	30	23.5	91	95	60	58	70	83	76.2	.....
27..	57.03	57.25	58.25	55.79	56.07	56.71	56.85	24.2	24	28.5	29.6	27.5	25.5	26.6	30.5	23.4	90	91	67	64	76	86	79	.....
28..	56.17	56.66	57.96	55.82	56.21	57.75	56.76	24.5	24	29	30.5	28.9	25.6	27.1	30.6	23.6	91	89	71	62	67	87	77.8	.....
Mean	59.15	59.31	60.27	57.95	58.74	60.02	59.24	23.7	23.4	27.4	28.5	26.2	24.4	25.6	29.5	23.1	92.7	93.6	75.8	71	80.6	90	83.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	124.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	N	NE	N	N	N	71.3	95.3	127.6	103	397.2	5	Ci.	Cu.	7	Ci.-S.	Cu.-N.
2..	N	N	NE	NE	N	NE	97.1	128.4	124.9	81.5	431.9	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
3..	N	N	NE	NE	N	N	93.9	103.5	131	103.3	431.7	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
4..	N	N	NE	NE	NE	N	80.7	129.3	138.1	91.2	439.3	9	Ci.-S.	Cu.-N.	8	A.-Cu.	Cu.
5..	N	N	NE	NE	N	N	86.9	113.2	106.5	115.3	421.9	7	Ci.-S.	Cu.	8	A.-Cu. N	Cu.
6..	N	N	NE	NE	NE	N	95.2	139.4	150.7	106.8	492.1	5	Ci.	Cu.	6	Ci.-S.	Cu.
7..	N	N	N	NE	NE	NW	120.9	143.5	134.7	72.1	471.2	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
8..	N	N	NE	NE	NE	N	89.6	119.7	125.7	80.7	415.7	5	Ci.-S.	Cu.	5	Ci.	Cu.
9..	N	N	NE	NE	N	NE	77.9	104.1	106.2	62.5	350.7	7	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N.
10..	NE	NE	NE	NE	NE	N	98.7	143.2	184.9	119.4	546.2	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N. NE
11..	N	N	NE	N	N	N	123.4	135.5	126.6	86.9	472.4	5	Ci.	Cu.-N.	8	Ci.-S.	Cu.-N.
12..	N	N	NE	E	N	N	76.2	95.2	105.7	74.2	351.3	7	Ci.-S.	Cu.-N.	5	Ci.	Cu.
13..	N	N	NE	NE	N	N	84.3	132.5	132.6	116.2	465.6	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
14..	N	N	N	NE	NE	N	104.3	135.4	155.8	115.1	510.6	10	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Cu.-N.
15..	N	N	N	NE	N	N	86.1	105.7	96.3	93.9	382	6	Ci.	Cu.	9	Ci.-S.	Cu.-N.
16..	N	N	NE	NE	NE	N	102	112.7	120.5	89.1	424.3	5	Ci.	Cu.	5	Ci.	Cu.
17..	N	N	NE	NE	NE	N	68.4	82.9	90.4	61.5	303.2	6	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
18..	N	N	NE	NE	NE	Calm	60.4	91.1	106.4	33.8	291.7	7	Ci.	Cu.	5	Ci.	Cu.
19..	NE	NE	NE	SE	N	N	39.9	48.8	42.3	36.5	167.5	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
20..	N	N	NE	E	N	N	30.4	54.2	86.6	100.1	271.3	3	.....	Cu.	9	Ci.-S.	Cu.-N.
21..	N	N	NE	NE	N	NE	117.7	159.3	171.3	118.1	566.4	7	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N. NE
22..	N	N	N	NE	N	N	123.7	157.1	157.1	114.9	552.8	5	Ci.	Cu.	9	Ci.-S.	Cu.-N. NE
23..	NE	N	NE	N	N	N	123.3	159.7	143.7	110.5	537.2	5	Ci.	Cu.	7	Ci.-S.	Cu.-N.
24..	N	N	NE	NE	N	N	131.4	142.7	130.2	122.3	526.6	5	Ci.	Cu.-N.	7	Ci.	Cu.
25..	N	N	NE	NE	NE	N	85.9	139.7	156.4	123.6	505.6	7	Ci.-S.	Cu.	3	Ci.	Cu.
26..	N	N	NE	NE	NE	N	107	153.2	152.6	86.4	499.2	7	Ci.-S.	Cu.	5	A.-Cu.	Cu.
27..	N	N	NE	NE	NE	N	104.1	157.1	184.5	104	549.7	3	Ci.	Cu.	4	Ci.	Cu.
28..	N	N	NE	NE	NE	N	91.7	148.1	142.9	95.3	478	3	.....	Cu.	4	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	91.9	122.5	129.7	93.5	437.6	6.5	.....	.....	7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,253.3	....	.....	.....	....	.....	.....

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

MARCH, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	57.10	57.63	58.96	56.01	55.94	57.76	57.23	24.8	24.3	27.5	29.6	28.2	25.8	26.7	30.6	23.9	91	93	77	64	69	84	79.7	.....
2..	57.17	57.48	58.62	56.33	56.05	57.81	57.24	24.5	24.2	25	28	28	25	26	30	24	91	94	96	64	70	87	83.7	5.1
3..	56.82	57.43	58.95	56.30	56.55	57.72	57.30	24.5	24.5	28	29.5	28	25.4	26.6	30	24.1	92	92	74	68	74	87	81.2	.....
4..	56.39	56.20	57.91	55.39	56.05	58.11	56.68	24.8	24.5	29	30.5	27.3	25.6	27	30.7	23.9	89	91	72	63	78	87	80	.....
5..	57.10	57.42	58.10	55.81	56.73	58.88	57.34	24.8	24.5	28	30	27	25.2	26.6	30.2	24.1	90	92	77	69	77	85	81.7	.....
6..	58.03	58.09	58.66	56.52	56.79	58.17	57.71	24.5	24.5	29	30.1	28	25.4	26.9	31	24	92	92	68	58	71	87	78	.....
7..	57.17	57.92	58.37	56.81	56.69	58.02	57.50	25	24.5	26.7	29.7	28	25	26.5	30.3	24	88	92	80	63	70	83	79.3	.3
8..	57.13	57.09	58.07	55.57	55.51	57.16	56.76	25	24.5	28.9	30	28.5	25.5	27.1	30.6	23.5	83	84	68	59	64	80	73	.....
9..	56.77	57.04	58.32	56.02	56.64	58.33	57.19	24.8	24.2	29.5	30.4	29	25.5	27.2	30.7	23.8	87	91	68	58	61	89	75.7	.....
10..	57.87	58.19	59.02	56.72	56.37	58.19	57.73	24.5	23.8	27.9	29.5	27.6	25.2	26.4	30.2	23.5	87	93	72	61	67	82	77	.....
11..	57.20	57.49	58.51	56.27	56.94	58.04	57.41	25	24.5	29	30.5	28.7	25	27.1	30.8	24.2	87	91	64	51	69	90	75.3	.....
12..	57.27	57.25	58.38	56.09	56.12	57.65	57.13	24.9	24.5	28.5	30	27.6	24.2	26.6	30.3	24	91	92	72	60	68	85	78	.....
13..	57.12	57.44	58.73	56.76	57.37	59.31	57.79	23.8	23.6	27.6	30	27.5	25.5	26.3	30.2	23.3	91	93	73	62	77	88	80.7	.....
14..	57.87	58.26	59.52	57.85	58.40	59.76	58.61	25	24	28.5	30	28	24.8	26.7	30.5	23.6	88	91	67	56	67	85	75.7	.....
15..	59.37	59.56	60.77	58.87	59.39	60.27	59.70	24.4	24	29	29.3	27.5	25.2	26.6	29.9	23.5	91	93	71	57	71	84	77.8	.....
16..	59.49	59.61	59.95	57.57	58.27	59.67	59.09	24.2	24	29.2	30.7	28.7	25.5	27	31.1	23.6	90	90	64	52	64	84	74	.....
17..	58.87	59.29	60.20	57.47	58.36	59.82	59	24.8	24	29	30.5	28.7	25.8	27.1	30.7	23.7	87	91	68	56	63	81	74.3	.....
18..	58.67	59.30	60.04	57.84	58.12	59.72	58.95	24.3	24.2	29	31.5	29	25.6	27.3	31.6	23.7	91	91	68	49	68	87	75.7	.....
19..	58.60	59.03	59.49	57.23	57.64	59.45	58.57	25.2	24	29.5	31	28.5	26	27.4	31.2	23.2	90	96	68	61	70	82	77.8	.....
20..	58.39	58.90	60.02	57.63	58.05	60	58.83	24.8	24.6	29.5	31.2	29	26.2	27.6	31.5	24	88	89	64	55	68	84	74.7	1.5
21..	58.80	59.33	60.76	58.50	59.40	61.15	59.66	25	24.5	29	30.5	27.2	25	26.9	31.5	24	88	89	71	66	80	87	80.2	.....
22..	59.90	60.56	61.42	59.22	59.15	60.71	60.16	24	23.6	29.5	29	28.5	25.5	26.7	30.8	23.5	88	90	68	71	67	83	77.8	.....
23..	59.52	59.49	60.57	58.25	58.42	59.35	59.27	24.2	23.6	28.4	30.5	28.1	25.4	26.7	30.7	23.2	88	91	69	54	66	80	74.7	.5
24..	58.84	59.04	60.04	57.72	58.04	59.75	58.90	24.4	23.5	29	30.9	28	25.2	26.8	31	23	87	91	69	48	65	80	73.3	1.3
25..	58.87	59.39	60.55	58.25	58.74	59.93	59.29	24	23.5	28.7	30.6	27	25	26.5	31	23.2	88	91	66	50	72	80	74.5	.....
26..	58.99	59.24	59.95	57.32	57.82	60.03	58.89	24.6	24.5	29	30.8	29	25.8	27.3	31	23.8	82	83	68	57	68	84	73.7	.....
27..	59.17	59.61	60.54	58.36	58.86	60.67	59.54	24.8	24.3	29.5	31	28.5	25.6	27.3	31.5	24	89	91	65	58	71	83	76.2	.....
28..	59.40	59.84	61.11	59	59.70	61.47	60.09	24.3	24.5	30	31	29.5	25.5	27.5	31.6	23.8	89	92	56	50	55	86	71.3	5.1
29..	60.25	60.51	61.44	58.92	59.50	61.26	60.31	24.6	24.5	29.5	30	28.6	26.2	27.2	31.6	23.6	93	92	69	63	70	82	78.2	.....
30..	59.75	60.14	60.47	57.56	58.20	59.85	59.33	24.6	24.5	29.3	32	28.5	25.5	27.4	32.1	24	92	92	70	54	72	86	77.7	.....
31..	59.17	59.59	60.37	57.38	58.05	59.98	59.09	25	24	30	32	29.5	26	27.8	32.3	23	85	87	68	49	64	84	72.8	.....
Mean	58.29	58.62	59.61	57.28	57.67	59.29	58.46	24.6	24.2	28.7	30.4	28.2	25.4	26.9	30.9	23.7	88.8	91	70	58.3	68.9	84.4	76.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	N	NE	NE	NE	N	92.8	125.5	151.6	118.3	488.2	5	Ci.	Cu.	4	Ci.	Cu.
2..	N	N	NE	NE	NE	N	116.4	132.8	158.1	89.1	496.4	7	Ci.-S.	Cu.	7	Ci.	Cu.
3..	N	N	NE	NE	NE	N	108	138.2	127.3	92.2	465.7	4	Ci.	Cu.	5	Ci.	Cu.
4..	N	N	NE	NE	NE	N	92.8	134.6	144	87.7	459.1	5	Ci.	Cu. NE	4	Ci.	Cu.
5..	N	N	NE	NE	NE	N	94.3	123.6	141.3	107.5	466.7	8	Ci.-S.	Cu.-N.	7	Ci.	Cu.
6..	N	N	NE	NE	NE	N	96	162.4	192.4	101.2	552	7	A.-Cu.	Cu.	3	Ci.	Cu.
7..	N	N	N	NE	NE	N	92.3	118.6	185.2	115.9	512	8	Ci.-S.	Cu.-N. NE	5	A.-Cu.	Cu.
8..	N	N	NE	NE	NE	N	116.9	152.4	163.7	117.3	550.3	3	Ci.	Cu.	5	Ci.	Cu.
9..	N	N	NE	E	NE	N	133.9	143.4	145.8	118.3	541.4	5	Ci.	Cu.	5	Ci.	Cu.
10..	N	N	N	NE	NE	NE	105.6	145.3	180.1	104.8	535.8	5	Ci.	Cu.	7	Ci.-S.	Cu.
11..	N	NE	NE	NE	NE	N	128.2	167.6	182.9	87.4	566.1	7	Ci.	Cu.	4	Ci.	Cu.
12..	N	N	NE	NE	NE	N	113.2	136.5	158.5	77.7	485.9	6	Ci.-S.	Cu.	7	Ci.-S.	Cu.
13..	N	N	NE	E	NE	N	72.1	74	82.1	66.5	294.7	5	Ci.-S.	Cu.	8	Ci.-S.	Cu.
14..	N	N	NE	NE	NE	N	67	128.1	149.4	93.9	438.4	8	Ci.-S.	S.-Cu.	6	Ci.	Cu.
15..	NE	N	NE	NE	NE	N	98.5	159.8	207.4	111	576.7	7	Ci.-S.	Cu.	7	Ci.	Cu.
16..	N	N	NE	NE	NE	N	106	171.5	160.1	96.4	534	7	A.-Cu. E	Cu.	5	Ci.	Cu.
17..	N	N	NE	NE	NE	N	87.4	104.9	135.8	105.1	433.2	4	Ci.	Cu.	4	Ci.	Cu.
18..	N	N	NE	NE	NE	N	107	151.1	159.3	93.8	511.2	3	Ci.	Cu.	4	Ci.	Cu.
19..	NE	N	NE	NE	NE	N	73.5	133.3	142.4	101.1	450.3	4	Ci.	Cu. NE	5	Ci.	Cu.
20..	N	N	NE	NE	NE	N	85	123.6	161.3	112.7	482.6	3	Ci.	Cu.	5	Ci.	Cu.
21..	N	N	NE	N	NE	N	87.9	119.9	155.3	108.1	471.2	4	Ci.-S.	Cu.	5	Ci.	Cu.
22..	N	N	NE	N	NE	NE	96.9	133.4	136	91.4	457.7	3	Ci.	Cu.	7	Ci.-S.	Cu.
23..	N	N	NE	NE	NE	N	98.2	132.3	179.8	108.6	518.9	4	Ci.	Cu.	5	Ci.	Cu.
24..	N	N	NE	NE	N	N	89.5	120.5	149.1	102.5	461.6	7	Ci.-S.	Cu.	4	Ci.	Cu.
25..	NE	N	NE	NE	N	N	78.6	120.2	137.3	120.1	456.2	4	Ci.	Cu.	6	Ci.	Cu.
26..	N	N	NE	NE	NE	N	96.8	104.1	130.7	108.9	440.5	7	[illegible]S.	S.-Cu. NE	4	Ci.	Cu.
27..	N	N	NE	E	NE	N	94.4	114	131.7	78.7	418.8	4	Ci.	Cu.	5	Ci.	Cu.
28..	N	N	NE	NE	NE	N	92.2	149.2	166	89.6	497	3	Ci.	Cu.	3	Ci.	Cu.
29..	NE	N	NE	NE	NE	N	80.8	124.1	149.7	100.9	455.5	3	Ci.	Cu.	5	Ci.	Cu.
30..	N	N	NE	NE	NE	N	65.7	98.5	98.2	84.2	346.6	4	A.-Cu.	Cu.	5	Ci.	Cu.
31..	N	N	NE	ENE	NE	N	63.1	97.2	118.3	101.4	380	4	Ci.	Cu.	5	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	94.5	130.3	151	99.8	475.6	5.1	.....	.....	5.2	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,744.7	....	.....	.....	....	.....	.....

ILOILO.

[$\phi = 10°\ 42'$ N; $\lambda = 122°\ 34'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

APRIL, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.30	59.90	60.24	57.28	58.10	59.66	59.08	24.8	24.6	30	32.5	29.5	26.2	27.9	32.5	24.3	89	91	68	49	58	76	71.8	.....
2..	58.59	58.72	59.47	56.48	57.43	59.22	58.32	25	25	30.4	32.5	29.5	26.6	28.2	32.6	24.3	88	90	65	55	70	83	75.2	.....
3..	57.87	58.49	59.12	56.85	57.36	59.28	58.16	25.8	25	30.3	31.5	29.4	26.5	28.1	32	25	87	92	63	54	64	76	72.7	.....
4..	58	58.62	59.35	57.35	57.72	59.57	58.44	25	24.2	29.3	31.5	28.5	25.5	27.3	32	23.5	83	86	62	41	67	78	69.5	.....
5..	58.50	59.08	59.46	56.78	57.62	59.37	58.47	24	24.6	29.1	30.5	27.6	25.8	26.9	31.6	23.5	88	91	70	62	80	88	79.8	4.8
6..	57.97	58.12	58.83	57.14	57.90	58.92	58.15	25.2	25	29	29.5	27	24.8	26.8	31.6	24.5	93	96	76	68	80	89	83.7	.8
7..	57.97	58.20	58.87	55.99	57.46	58.82	57.88	24.9	24.8	29.5	31.5	27.6	24.5	27.1	31.5	24.2	87	86	68	57	79	92	78.2	1.8
8..	57.42	57.35	58.21	55.59	56.76	58.56	57.32	24.5	24	30	30.5	26.7	25.8	26.9	32.3	23.5	92	94	68	65	83	85	81.2	.8
9..	57.48	57.57	58.76	55.85	57.47	58.88	57.67	25.2	25	30.7	31.8	26.5	25.8	27.5	33.5	24	88	88	62	55	84	84	76.8	.....
10..	57.94	58.14	59.22	56.86	57.55	58.57	58.05	25.2	25	30	29.2	28.3	25.6	27.2	31.8	24.5	88	88	69	70	80	85	80	.....
11..	57.14	57.24	57.81	55.40	55.96	57.47	56.84	25	24.5	30.5	31	29.6	26.5	27.8	32.6	24.3	87	88	64	62	67	82	75	.....
12..	56.87	56.39	57.87	55.44	56.41	57.66	56.86	25.8	25	31	31	29.5	28	28.4	33.1	24.8	84	88	62	56	68	77	72.5	1.3
13..	57.12	57.68	58.81	56.75	57.35	59.22	57.82	25.6	25.5	30.4	31.7	28.8	26	28	33.4	25.2	85	84	66	62	76	81	75.7	.....
14..	57.98	58.82	59.32	56.78	58.17	60.21	58.55	24.2	23.8	30.2	32.7	27.7	26.2	27.5	34.3	23.7	88	86	65	62	76	82	76.5	.....
15..	59.12	58.76	59.14	56.22	56.79	58.82	58.14	25.2	24.5	29.5	33.5	29.4	26.6	28.1	34.5	24.3	85	87	68	53	64	80	72.8	.....
16..	57.86	57.72	57.96	55.71	56.99	58.39	57.44	25.4	25	32.1	32.6	29.5	26.8	28.6	33.2	25	84	88	60	54	75	84	74.2	.....
17..	57.42	58.17	58.50	56.53	57.30	58.48	57.73	25.8	25.5	31.5	31	26.5	25.5	27.6	32.6	24.8	85	84	66	71	76	81	77.2	6.8
18..	57.88	58.29	59.09	56.12	56.61	58.40	57.73	24.8	24.2	30.5	33.4	30.5	27.5	28.5	33.5	23.8	85	90	62	46	59	73	69.2	.....
19..	57.72	58.23	58.50	56.15	56.35	58.31	57.54	25.6	25	31	32.8	30.5	26.8	28.6	33	24.9	82	88	62	46	57	74	68.2	.....
20..	57.66	57.68	58.06	55.60	56.05	57.77	57.14	26	25.5	30.2	32.5	31	27.6	28.8	33.2	25.3	79	85	58	53	61	73	68.2	.....
21..	56.62	56.88	57.97	55.17	55.73	57.76	56.69	26.2	25.2	30.5	32.5	31.3	28	29	33.5	24.8	77	83	63	49	55	69	66	1.3
22..	57.16	56.92	57.90	55.69	56.64	57.69	57	26.7	25.8	30.8	31.6	29.2	27.8	28.6	32.5	25.5	80	84	62	60	68	77	71.8	.....
23..	56.48	56.38	57.89	55.77	56.28	58.22	56.83	26	25.2	29.5	31.5	30	27	28.2	32.4	24.8	81	86	64	51	62	74	69.7	.....
24..	57.26	57.90	58.51	56.11	57.15	58.75	57.61	25.6	25.8	30.5	33.5	30.8	27.5	29	33.9	25	81	78	61	55	67	84	71	2.8
25..	57.62	57.84	58.95	56.55	57.21	58.80	57.83	26.4	25	30	31.5	27	26.2	27.7	32.5	24.6	81	87	69	66	80	84	77.8	.....
26..	57.05	57.42	58.29	56.29	56.71	58.07	57.30	25.5	25.5	30	31.5	29.5	26.4	28.1	31.5	24.5	84	92	68	60	70	86	76.7	.3
27..	57.28	57.47	58.82	56.13	56.95	58.40	57.51	25.8	25.2	29	30.6	29.5	27.2	27.9	32.5	24.7	87	92	74	65	71	75	77.3	.....
28..	57.15	57.64	58.25	55.63	56.52	57.87	57.18	25	24.5	30.5	32.4	27	26.2	27.6	34.6	24	83	83	65	63	77	82	75.5	1
29..	56.98	57.29	57.57	55.07	55.63	57.07	56.60	24.8	24.6	30.8	32.6	30.6	27.2	28.4	33	24.5	87	88	64	55	59	78	71.8	1.8
30..	56.52	56.74	57.86	55.72	56.38	57.97	56.86	26.5	25.2	30.5	32	28.8	26.5	28.2	32.7	24.7	83	92	70	63	72	80	76.7	.5
Mean	57.60	57.87	58.62	56.17	56.95	58.54	57.62	25.4	24.9	30.2	31.8	28.9	26.5	28	32.8	24.5	85	87.8	65.5	57.6	70.2	80.4	74.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24

Day.	Wind.												Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.		6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*		*0–10*			*0–10*		
1..	N	NE	NE	NE	NE	N	62.8	92.5	136.6	96.1	388		7	Ci.-S.	S.-Cu.	5	Ci.	Cu.
2..	N	N	NE	NE	N	N	80.5	95.5	116.5	112.7	405.2		4	Ci.	Cu.	5	Ci.	Cu.
3..	N	N	E	E	NE	N	82.4	102.8	132.5	100.9	418.6		6	Ci.-S.	Cu.	7	Ci.	Cu.
4..	N	N	NE	NE	N	N	85.3	122	110.5	89.3	407.1		5	Ci.	Cu.	7	Ci.-S.	Cu.
5..	N	NE	NE	NE	N	N	52.6	111.8	128.9	72.2	365.5		7	Ci.-S.	Cu.	8	Ci.-S.	Cu.
6..	N	N	NE	NE	SE	NE	85.1	78.6	111	52.9	327.6		8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
7..	N	N	E	NE	N	Calm	66.5	88	99.8	28	282.3		7	Ci.	Cu.	5	Ci.	Cu.-N.
8..	N	N	NE	NE	N	N	45.1	84.2	102	80.7	312		6	A.-Cu.	Cu.	7	Ci.-S.	Cu.-N.
9..	N	N	NE	NE	N	N	60.7	70.8	67	46.9	245.4		4	Ci.	Cu.	7	Ci.-S.	Cu.-N.
10..	N	N	NE	NE	Calm	N	62.5	92.7	74	38.6	267.8		4	Ci.	Cu.	8	Ci.-S.	Cu.-N.
11..	NW	N	NE	E	ENE	N	66.8	80.2	97.4	68.4	312.8		7	Ci.-S.	S.-Cu. NE	7	Ci.-S.	Cu.-N.
12..	NW	Calm	E	NE	ENE	E	38.4	55.2	69	23.5	186.1		7	Ci.	Cu.	7	Ci.-S.	Cu.-N.
13..	Calm	NE	SSE	SW	SW	SE	18.2	32	73.5	27	150.7		7	Ci.	Cu.	5	Ci.-S.	Cu.-N.
14..	E	E	ENE	SW	NW	NW	32.8	53.3	57.6	23.3	167		8	Ci.-S.	Cu.	5	Ci.	Cu.-N.
15..	N	N	NE	S	SW	Calm	26.7	29.5	59.2	28.5	143.9		9	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
16..	NW	NE	SW	SW	SW	NW	30	39.7	74.6	24.1	168.4		7	Ci.	Cu.	5	Ci.	Cu.-N.
17..	N	N	S	SW	W	N	26.6	38.8	72.4	26.9	164.7		8	Ci.-S.	Cu.	7	Ci.	Cu.-N.
18..	N	Calm	NE	E	NE	N	23.9	43.8	95.2	52.1	215		7	Ci.	Cu.	3	Ci.	Cu.
19..	N	N	NE	NE	NE	N	70.6	79.9	102.2	51.5	304.2		7	Ci.-S.	Cu.	5	Ci.	Cu.
20..	N	N	NE	NE	NE	N	65.2	87.2	116.1	78.7	347.2		3	Ci.	Cu.	6	Ci.	Cu.
21..	N	N	ENE	NE	NE	N	84.2	125.2	141.6	105.9	456.9		3	Ci.	Cu.	5	Ci.	Cu.
22..	N	N	NE	NE	N	Calm	73.2	99	90.9	21.9	285		4	Ci.	Cu.	7	Ci.-S.	Cu.-N.
23..	N	N	ENE	E	NE	N	78.7	101.1	97.4	51.7	328.9		8	Ci.-S.	Cu.-N.	7	Ci.	Cu.-N.
24..	Calm	Calm	E	SW	SW	Calm	20.9	47.2	62.6	24.7	155.4		8	Ci.	Cu.	7	Ci.	Cu.-N.
25..	N	N	ENE	NE	W	NW	41.5	73.7	90.7	32.7	238.6		8	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
26..	N	N	NE	NE	NE	N	66.8	92.5	89.5	52.9	301.7		7	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
27..	NE	N	NE	E	Calm	NE	[illegible]8.8	68.1	54.9	33	204.8		8	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
28..	Calm	Calm	NE	SW	Calm	Calm	[illegible]0.1	47.3	63.1	13	143.5		6	Ci.	Cu.-N.	6	Ci.	Cu.-N.
29..	Calm	N	NE	E	NE	N	23	88.2	109.7	62.3	283.2		8	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
30..	NE	N	Calm	SW	NW	Calm	46.9	41.5	72.1	19	179.5		6	Ci.	Cu.-N.	7	Ci.-S.	Cu.-N. SW
Mean	.....	.....	.....	.....	.....	.....	52.9	75.4	92.3	51.3	271.9		6.5	.....	.....	6.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,157		.....	.....	.....	.....	.....	.....

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

MAY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.42	57.57	58.29	55.70	57.20	59.05	57.54	25.8	24.8	30.5	33	30	27.4	28.6	33	24.4	85	92	68	52	67	78	73.7	.....
2..	57.30	57.34	58.91	56.65	56.97	58.91	57.68	25.6	25	32	30.5	28	26.5	27.9	32.6	24.5	82	83	58	68	77	83	75.2	.....
3..	57.18	56.91	57.87	55.17	57.11	59.07	57.22	25.5	25.5	31	31.1	26.2	25.5	27.5	33	24.5	88	88	62	65	79	86	78	7.1
4..	57.02	57.82	59.11	56.48	56.90	58.92	57.71	24.6	24	30	31	29	27.6	27.7	32	23.6	91	96	68	65	71	80	78.5	.....
5..	57.94	57.92	59.06	56.63	57.27	59.22	58.01	24.8	24.5	31	33	30.3	26.2	28.3	34	24	88	92	63	47	70	87	74.5	13.2
6..	57.98	57.69	58.87	56.62	57.55	59.25	57.99	25.2	24.4	30	31.6	28.7	26.6	27.8	32.3	24	90	91	65	51	69	80	74.3	.....
7..	58.04	57.90	59.19	56.53	58.23	58.75	58.11	25	24	29.4	31.1	24.5	24.5	26.4	32.5	23.3	87	87	75	69	94	92	84	7.6
8..	57.99	57.94	58.71	56.62	57.70	59.80	58.13	24.8	24.2	31.1	31.5	28	25.4	27.5	33.5	23	92	94	65	66	81	92	81.7	28.4
9..	58.66	58.92	59.20	56.78	57.85	60.35	58.63	24.6	24.5	30.5	30	29	24.8	27.2	31.7	23.6	95	96	72	72	78	90	83.8	9.9
10..	59.34	59.01	59.14	56.88	57.49	59.67	58.59	24.2	24.5	29.3	30	28.5	25.5	27	30.6	23.6	95	96	78	71	75	84	83.2	.3
11..	58.04	57.97	58.45	56	57.52	58.80	57.80	24.7	24.5	30.5	29.5	28.6	26.8	27.4	31.6	23.5	91	92	65	70	73	83	79	.....
12..	58.36	58.47	59.12	56.99	58.52	60.26	58.62	26.5	26.5	29.4	29.5	28.5	25.4	27.6	31.2	24.6	83	84	72	68	75	88	78.3	1.5
13..	59	59.10	59.69	57.78	58.90	59.90	59.06	24.2	24	31	31	28.5	27	27.6	32	23.5	93	96	65	69	75	86	80.7	1.8
14..	59.12	59.56	60.53	58.26	59.10	60.80	59.56	25.5	25.2	30.6	26.8	27	25.8	26.8	32.3	24.6	93	94	68	80	84	85	84	.....
15..	59.42	60.20	60.29	58.10	58.80	60.10	59.48	24.5	24	30	31.2	30.5	26.5	27.8	32.5	23.5	92	96	68	61	62	80	76.5	.5
16..	59.04	59.34	59.75	57.73	58.04	59.99	58.98	25.2	24.2	30.2	32	30.3	27.3	28.2	32.7	23.7	88	91	62	50	66	78	72.5	.....
17..	58.95	59.27	59.85	57.32	58	60.68	59.01	25.8	25.6	31.5	32.5	30.3	24	28.3	33	23	79	81	60	55	73	93	73.5	51.1
18..	59.28	59.40	59.85	57.82	58.15	59.81	59.05	24.6	25	30.6	31.6	30	26.8	28.1	32.4	23.5	90	88	68	64	67	86	77.2	.....
19..	58.87	58.84	59.30	56.97	57.47	58.61	58.34	25.8	26.5	30.5	31.5	28.4	26.8	28.2	32.3	25.5	89	86	72	66	76	83	78.7	.5
20..	57.48	57.26	58.49	56.88	57.68	59.02	57.80	25.5	26	30.2	30	25	24.2	26.8	32.5	23.6	89	88	68	68	88	90	81.8	3.8
21..	57.37	57.40	58.51	56.47	57.29	58.73	57.63	24.2	24.5	30	31.9	27.5	25.6	27.3	31.9	23.6	90	89	67	58	76	88	78	3.6
22..	57.89	58.10	58.84	57.66	58.25	59.94	58.45	25.2	25	29.4	24	24.5	24.5	25.4	30.9	23	92	92	72	98	92	91	89.5	44.2
23..	58.57	58.64	59.57	57.92	59.43	60.45	59.10	24.5	26	29	31.2	24.2	24	26.5	31.5	22.6	91	86	71	60	90	90	81.3	11.4
24..	59.29	58.96	59.57	57.45	57.94	59.15	58.73	23.4	22.6	29.8	30.5	27.8	25.8	26.6	31.4	22.4	91	96	68	65	79	87	81	.....
25..	58.04	58.47	58.70	57.12	57.57	58.80	58.12	24.5	24.2	29.5	29.5	25.5	24.5	26.3	31.4	23.9	93	94	69	70	81	87	82.3	.....
26..	58.52	58.70	59.07	57.13	57.85	59.42	58.45	24.1	24	29.5	30.5	28.5	25.4	27	31.5	23	91	91	64	65	75	87	78.8	.....
27..	58.55	58.81	59.60	57.65	58.47	59.22	58.72	24.6	24.8	30	30	27.5	24.8	27	32	23.8	92	92	69	73	81	95	83.7	.....
28..	58.28	58.36	59.83	57.28	57.50	58.84	58.35	24	24.2	27	26.2	27.2	25.2	25.6	28	23.5	97	90	89	82	81	91	88.3	7.6
29..	58.44	58.86	58.59	56.10	56.92	58.47	57.90	24.5	24.5	29.5	29.5	26	25.4	26.6	32	24.4	91	91	75	75	89	93	85.7	12.8
30..	58.22	58.39	59.06	57.09	57.87	58.67	58.22	25.2	24.5	27.6	27.6	27	25.8	26.3	29.7	24.5	93	98	84	83	86	93	89.5	2.5
31..	57.92	58.42	59.12	57.73	58.29	59.53	58.50	24.8	24.5	30	29.5	28	27.2	27.3	31	24	95	93	69	71	79	86	82.2	.....
Mean	58.31	58.44	59.17	57.02	57.87	59.43	58.37	24.9	24.7	30	30.3	27.8	25.8	27.2	31.9	23.7	90.2	91.1	69	67	77.7	86.8	80.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	207.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	Calm	E	NE	NE	Calm	28	54.1	83.7	27.9	193.7	8	Ci.-S.	Cu.-N.	7	Ci.	Cu.-N.
2..	N	NE	N	N	NE	N	34.1	54.9	93.6	58.2	240.8	7	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
3..	N	NE	NE	SW	N	Calm	49.1	63	60.2	20.9	193.2	6	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
4..	Calm	Calm	SW	SW	SW	E	11.8	55.7	90.4	36.5	194.4	7	Ci.-S.	Cu.-N.	7	Ci.	Cu.
5..	Calm	Calm	E	N	W	Calm	19.8	67	74	39.9	200.7	5	Ci.	Cu.	6	Ci.	Cu.
6..	W	NW	SW	SW	Calm	Calm	43.8	38.9	48.8	15.3	146.8	7	Ci.-S.	Cu.-N.	7	Ci.	Cu.
7..	Calm	NW	N	SW	E	Calm	18.7	26.6	79.7	25.1	150.1	6	Ci.	Cu.	6	Ci.-S.	Cu.-N.
8..	Calm	NW	E	SW	NW	E	22.2	26.2	49.4	45.3	143.1	5	Ci.	Cu.	8	Ci.-S.	Cu.-N.
9..	Calm	Calm	SW	SW	SW	E	20.9	41.5	106.2	69	237.6	5	Ci.	Cu.	7	Ci.	Cu.
10..	NW	N	SW	SW	SW	N	23.3	46.1	86.9	45.4	201.7	8	Ci.-S.	Cu.-N.	6	Ci.	Cu.
11..	N	Calm	E	SW	SW	SW	23.3	30.3	85.8	57.7	197.1	7	Ci.	Cu.	8	Ci.-S.	Cu.-N.
12..	S	S	SW	SW	SW	W	42.6	49.1	81.1	53.1	225.9	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
13..	W	Calm	S	SW	Calm	Calm	21.1	27.4	57.9	16.6	123	7	Ci.-S.	Cu.-N.	7	Ci.	Cu.
14..	NE	Calm	S	W	SE	SW	14.8	39.2	45.6	52	151.6	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
15..	N	NE	NE	NE	E	SE	24.4	47.7	63.4	36.8	172.3	8	Ci.-S.	Cu.-N.	7	Ci.	Cu.
16..	NW	NW	NE	E	E	N	28.5	88	79.2	62.5	258.2	5	Ci.	Cu.	3	.....	Cu.
17..	N	N	NE	E	NE	NW	48.8	85.9	90.1	94.3	319.1	3	.....	Cu.	5	Ci.	Cu.
18..	N	Calm	N	NE	E	N	34	82.7	115.6	84.5	316.8	5	Ci.	Cu.	7	Ci.	Cu.
19..	NW	N	NE	N	N	N	79.1	108.9	126.8	83.7	398.5	6	Ci.	Cu.	6	Ci. W	Cu.
20..	N	N	NE	S	NW	N	83.2	78.9	55.8	70	287.9	6	Ci.	Cu.	8	Ci.-S.	Cu.-N.
21..	N	Calm	NE	E	N	Calm	41.3	42.8	89.1	21.5	194.7	3	Ci.	Cu.	7	Ci. S	Cu.-N.
22..	Calm	N	NE	SW	NE	N	23.5	47.3	67.9	48.8	187.5	3	Ci.	Cu.	10	Ci.-S.	Cu.-N.
23..	Calm	S	NE	E	NW	N	28.4	44.6	58.2	33.5	164.7	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
24..	Calm	NW	Calm	SW	SW	NW	24.9	26.4	69.2	38.3	158.8	5	Ci.	Cu.	6	Ci.	Cu.
25..	Calm	N	NE	SW	NE	N	19.3	33.5	72.9	34.8	160.5	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
26..	N	Calm	S	SW	SW	N	15.9	33.7	81.9	49.3	180.8	5	Ci.	Cu.	5	Ci.	Cu.
27..	N	Calm	NE	E	W	Calm	25.9	51.5	60.5	23.1	161.4	5	Ci.	Cu.	9	Ci.-S.	Cu.-N.
28..	Calm	W	NW	N	NE	NW	16.4	54.7	47.7	18.7	137.5	7	Ci.	Cu. N	9	Ci.-S.	Cu.-N.
29..	Calm	N	Calm	SW	NE	Calm	15.3	33.5	65.4	26	140.2	7	Ci.	Cu.	7	Ci.-S.	Cu.-N.
30..	SE	NW	E	SW	SW	SW	31.2	30.4	56.1	27	144.7	9	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
31..	Calm	Calm	SW	SW	SW	Calm	9.3	30.8	73	38.6	151.7	6	Ci.	Cu.	7	Ci.-S.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	29.8	49.7	74.7	43.7	197.9	6.3	.....	.....	7.2	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,135	....	.....	.....	....	.....	.....

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

JUNE, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.70	58.82	59.48	57.21	57.14	58.06	58.24	25.2	25	30.5	33.2	28.2	26.5	28.1	33.4	24.6	90	93	65	53	79	84	77.3	.....
2..	57.67	57.72	58.48	55.90	56.54	58.10	57.40	25.6	26.4	31.2	32.4	29.5	24.8	28.3	32.5	24.2	88	85	68	62	78	93	79	28.7
3..	56.92	57.23	57.55	55.43	56.23	57.33	56.78	24.8	25.3	30.3	31.6	29.5	26.5	28	32	24.2	92	93	70	63	71	84	78.8	.....
4..	56.95	57.22	57.84	55.94	56.40	57.63	57	25.5	25	30.3	29.5	27.5	26.8	27.4	31.3	24.5	84	88	72	72	79	83	79.7	.....
5..	56.98	57.84	58.67	56.76	57.71	59.40	57.89	25.8	25.5	30.4	29.7	27.5	26	27.5	31.8	25.1	87	89	70	78	81	88	82.2	.....
6..	58.67	58.77	59.02	57.42	57.63	59.17	58.45	25	25.2	29.8	31.4	29	26.5	27.8	31.8	24	93	90	73	62	74	86	79.7	.....
7..	57.96	58.34	58.87	56.85	57.23	58.90	58.02	25.2	24.5	29	30.5	29	26.5	27.4	31.4	24.3	88	92	76	65	72	82	79.2	.....
8..	58.32	58.34	59.09	57.75	58.27	59.77	59.59	25.8	24.5	30.2	29.2	27.7	25	27.1	31.6	24.4	88	94	68	73	79	95	82.8	2.1
9..	58.98	59.40	59.74	57.25	58.73	59.72	58.97	24.6	24.5	27.5	31.5	24	24.2	26	32.2	23.8	95	96	84	60	91	93	86.5	9.2
10..	59.10	59.23	59.60	57.52	58.35	59.65	58.91	23.8	24.2	27.6	25.6	27	25.2	25.6	31	23.5	95	94	76	95	78	83	86.8	7.9
11..	58.44	57.77	58.07	56.15	56.47	57.27	57.36	24.2	24	29.4	30.7	28.8	26.5	27.3	31.5	23.9	88	88	72	64	70	82	77.3	1.3
12..	56.88	57.24	57.80	56.15	57.05	58.34	57.24	25.4	25.4	30.4	30.8	27	23.5	27.1	33	23	88	87	60	63	80	92	78.3	76.5
13..	57.59	58.05	58.06	55.90	56.24	57.80	57.27	24.4	24	29.5	30	29	25.5	27.1	31	22.7	87	93	69	68	72	88	79.5	2.5
14..	57.70	58.54	58.63	56.35	57.34	58.81	57.90	25.4	24.8	28	30	28.2	26.6	27.2	30.7	24.5	90	93	79	61	77	86	81	1
15..	58.42	58.56	58.84	57.04	58.38	60.25	58.58	25	25.3	29.8	32	25.6	25.5	27.2	32.5	24.5	90	88	70	57	87	92	80.7	4
16..	58.36	57.84	58.50	56.41	56.63	58.62	57.73	25.2	24.7	28.5	31.5	29.5	26.8	27.7	32	24.7	94	96	76	60	69	81	79.3	.....
17..	57.30	57.28	57.95	55.80	56.47	58.10	57.15	25.5	25.2	30.5	29.2	28.4	25.5	27.4	31.4	24.5	91	92	72	75	76	88	82.3	3.6
18..	57.36	57.67	58.46	56.95	58.14	59.80	58.06	24.8	24	28	28.6	23.5	24	25.5	30	23.5	93	96	77	77	91	90	87.3	.5
19..	58.58	58.67	59.75	58.41	58.61	60.25	59.04	25.2	25.5	27.5	29	27.5	26.4	26.8	30	23.8	86	89	78	73	77	85	81.3	16
20..	59.47	59.44	59.55	58.18	59.30	60.47	59.40	25.4	25.3	30.5	31.2	25.5	24.2	27	32	23.7	93	91	71	61	78	86	80	.....
21..	58.82	58.79	58.95	57.39	58.17	59.32	58.57	24.5	23.6	29.5	29.9	27.2	23.6	26.4	32	23.2	87	90	71	69	79	92	81.3	27.7
22..	58.48	58.44	58.69	56.63	56.90	58.17	57.88	23.3	23.2	28.5	29.4	27	25.4	26.1	30.9	23	93	94	75	71	81	88	83.7	12.7
23..	57.27	58.04	58.54	55.77	56.50	58.61	57.46	25	24	26.4	30.1	28	25.2	26.4	31.5	23.7	90	95	89	68	79	88	84.8	3
24..	57.65	57.70	58.69	58.32	58.24	58.90	58.25	24.2	23.6	29.5	25.6	26	25.4	25.7	30.5	23.3	93	95	71	79	80	84	83.7	.....
25..	57.64	57.42	57.39	56.20	56.98	57.86	57.25	23.8	24	29.2	28.2	25	24.6	25.8	30.5	23.3	91	88	73	80	92	95	86.5	15.3
26..	56.50	56.57	57.79	57.15	56.32	58.02	57.06	23.8	24.7	25	24	25.5	25.5	24.8	27	23.5	97	91	94	97	84	86	91.5	15.2
27..	57.27	57.77	58.40	57.50	58.17	59.62	58.12	25.5	25	28.6	29.2	27	25.8	26.8	29.7	24.5	89	93	85	76	80	85	84.7	.....
28..	59.07	59.12	59.32	57.70	58.35	60.40	58.99	24.5	24	29.8	31	28.6	24.5	27.1	32.2	23.5	87	88	74	65	76	87	79.5	8.1
29..	59.60	59.67	59.47	57.23	57.20	58.57	58.62	24.3	24	29	31.4	29	26.5	27.4	31.5	23.8	92	88	72	60	75	86	78.8	.8
30..	58.34	58.83	58.60	56.40	57.29	58.56	58	25.6	24.5	28.5	30.8	24.5	24.5	26.4	32	24	88	92	77	69	92	92	85	10.1
Mean	58.03	58.21	58.66	56.86	57.43	58.85	58.01	24.9	24.6	29.1	29.9	27.3	25.4	26.9	31.4	23.9	90.2	91.4	74.2	69.2	79.2	87.5	82	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	246.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NW	NW	N	E	NW	N	16.7	30.6	66.3	48.6	162.2	6	Ci.	Cu.	6	Ci.-S.	Cu.
2..	N	N	E	E	N	SE	55.8	82.1	84.8	62.6	285.3	3	Ci.	Cu.	3	Ci.	Cu.
3..	N	N	E	E	N	N	37.8	78.9	86.9	62.5	266.1	2	Ci.	Cu.	4	Ci.	Cu.
4..	NE	NE	NE	E	N	N	42.6	69.7	77.2	45.7	235.2	6	Ci.	Cu.	8	Ci.-S.	Cu.-N.
5..	N	N	E	E	S	N	41.3	60.2	53.9	40.2	195.6	7	Ci.	Cu. ESE	8	Ci.-S.	Cu.-N.
6..	N	N	N	E	NE	NW	33.5	59	79.5	28.7	200.7	4	Ci.	Cu.	5	Ci.	Cu.
7..	NW	N	NE	E	NE	N	34.8	70.3	88.7	57.9	251.7	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.
8..	Calm	Calm	S	S	S	SW	30.6	33.5	50.9	30	145	5	Ci.	Cu.	7	Ci.-S.	Cu.-N.
9..	Calm	SW	SE	E	NW	N	22	34.4	60.9	18.2	135.5	8	Ci.-S.	Cu.-N. sw	5	Ci.	Cu.-N.
10..	Calm	Calm	W	S	S	Calm	19.3	48.9	46.9	29.2	144.3	5	Ci.	Cu.	7	Ci.-S.	Cu.-N.
11..	N	N	NE	NE	NE	NW	55.8	114.8	128.9	82.9	382.4	4	Ci.	Cu.	5	Ci. E	Cu.
12..	NW	N	NE	SW	SW	W	58.1	50.4	59	42.9	210.4	5	Ci.	Cu.	9	Ci.-S.	Cu.-N.
13..	Calm	Calm	Calm	NE	E	W	14.3	27.2	75.1	45.1	161.7	7	Ci.	Cu.	4	Ci.	Cu.
14..	SW	Calm	E	NE	NE	NE	21.5	36.7	43.8	48.3	150.3	9	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.
15..	W	NW	E	E	NW	Calm	32.4	59	57.1	22.5	171	6	Ci.	Cu.	5	Ci.	Cu.
16..	NE	N	NE	NE	Calm	S	39.6	88.5	67.4	22	217.5	5	Ci.	Cu.	7	Ci.-S.	Cu.
17..	SW	Calm	SW	SW	SW	S	26.7	38.3	83.7	47	195.7	4	Ci.	Cu.	7	Ci.-S.	Cu.
18..	Calm	N	SW	SW	NW	Calm	20.6	65.5	77.7	16.6	180.4	5	Ci.	Cu.	7	Ci.	Cu.
19..	S	Calm	S	SW	SW	SE	47	45.3	50.5	30	172.8	6	Ci.-S.	Cu.-N.	6	Ci.	Cu.
20..	Calm	Calm	SW	SW	S	Calm	16.9	30.9	80	37.5	165.3	2	A.-Cu.	Cu.	4	Ci.	Cu.
21..	NW	Calm	SW	SW	NW	W	25.1	35.1	59.2	45.7	165.1	4	Ci.	Cu.	9	Ci.-S.	Cu.-N.
22..	Calm	Calm	SW	SW	Calm	SE	19.3	40.5	71.1	45.9	176.8	7	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
23..	SW	Calm	N	Calm	SW	N	37.2	25.4	44.1	51.8	158.5	10	Ci.-S.	Cu.-N.	5	Ci.	Cu.
24..	Calm	Calm	E	NW	W	SE	20.6	36.8	52.1	20.4	129.9	7	Ci.	Cu.	10	Ci.-S.	Cu.-N.
25..	NW	Calm	ENE	N	E	E	24.6	29.5	44.3	33.8	132.2	7	Ci.	Cu.	8	Ci.-S.	Cu.-N.
26..	Calm	S	SW	SW	SW	S	27.7	85.6	70.8	55.7	239.8	8	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
27..	Calm	Calm	W	SW	W	W	29.8	41.5	76.7	25.2	173.2	8	Ci.-S.	Cu.-N. sw	8	Ci.-S.	Cu.
28..	W	W	W	SW	SW	N	19.6	21.9	45.4	51.3	138.2	5	Ci.	Cu.	4	Ci.	Cu.
29..	N	N	NE	E	NE	NE	32.8	49.6	58.1	32.5	173	5	Ci.	Cu.	7	Ci.-S.	Cu.
30..	Calm	NE	NE	SW	Calm	Calm	30.4	34.3	59.8	15.5	140	7	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	31.1	50.8	66.7	39.9	188.5	5.8	.....	.....	6.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,655.8	.....	.....	.....	.....	.....	.....

ILOILO.

[$\phi = 10°\ 42'$ N; $\lambda = 122°\ 34'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

JULY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.59	57.64	58.65	56.62	57.30	58.92	57.79	24.5	24.3	27.4	27.5	27	24	25.8	29.2	23.6	92	91	78	81	80	95	86.2	24.5
2..	57.67	57.44	58.72	57.05	57.74	59.21	57.97	23.8	25.5	24.2	28	27.2	27.2	26	30.5	23.3	95	88	88	80	80	80	85.2	9.2
3..	57.92	57.52	57.86	56.50	57.23	58.70	57.62	26.6	26.5	29.5	30.5	28.5	27.5	28.2	30.9	25	83	84	75	68	74	81	77.5	3.6
4..	57.27	57.18	57.85	56.35	56.15	57.16	56.99	26.1	24	28.5	29	28	27.4	27.2	29.4	23.6	80	96	75	71	75	78	79.2	1.3
5..	56.80	56.37	57.35	55.44	55.72	56.96	56.44	26	26.6	28.5	28.5	28	27	27.4	30	24	82	80	78	76	77	83	79.3	4.8
6..	56.22	56.21	57.16	55.63	56.17	57.40	56.46	26.4	26.2	29	28.2	27.5	24.5	27	29.6	23.5	86	87	76	76	84	97	84.3	24.9
7..	56.68	56.73	57.30	55.96	56.04	57.47	56.70	25	25.6	29.3	28.7	28	26.6	27.2	30.3	24.5	97	95	76	76	79	89	85.3	1.3
8..	56.72	56.54	57.16	55.85	56.60	57.17	56.67	25.8	24.7	29.5	29	27.5	25.6	27	30.7	24.3	92	96	75	78	77	88	84.3	.....
9..	56.82	56.71	56.62	55	55.43	56.87	56.24	25	26.1	30	30.2	28.5	27.5	27.9	31.2	24	92	87	75	74	78	84	81.7	.....
10..	56.50	56.57	57	55.69	56.32	57.62	56.62	26.4	26.5	29.2	30	27.5	27.2	27.8	31.5	25.3	82	84	76	73	77	81	78.8	.....
11..	57.06	56.87	57.37	55.55	56.63	57.04	56.75	26.1	26	29.5	30.5	28.5	27.5	28	31	25.5	87	88	77	72	78	84	81	.....
12..	56.20	56.57	57.30	55.59	56.28	58.05	56.66	27.4	27.2	28.2	31	28.5	25.4	28	31.5	24.8	84	83	77	65	75	82	77.7	4.6
13..	56.42	57.04	57.50	55.45	55.96	57.47	56.64	26	25	29.2	29.5	28	26.8	27.4	31.5	24.2	84	83	73	68	77	86	78.5	.....
14..	56.16	56.39	56.85	55.09	55.85	57.30	56.27	25.5	25	30	30	25.5	25.8	27	31.5	24.5	89	92	68	71	92	88	83.3	.....
15..	56.18	55.80	56.91	54.91	55.71	57.52	56.17	24.6	24.3	29.5	29.5	24	24.5	26.1	31.5	23.2	93	93	75	75	89	92	86.2	31
16..	56.10	56.27	56.97	55.40	55.84	57.88	56.41	24.2	24.2	26	27.6	25.6	24.6	25.4	28.1	23.8	96	97	92	82	88	93	91.3	21.5
17..	56.57	56.55	57.52	56.24	55.92	57.63	56.74	24.2	25.5	29	28.3	27.5	26.4	26.8	30.5	23.5	93	84	74	77	81	89	83	.....
18..	56.54	56.98	57.83	55.88	56.55	58.30	57.01	25.4	25	26.2	29.3	27.8	27.2	26.8	30	24	93	96	82	76	82	84	85.5	4.6
19..	56.92	57.23	57.75	56.30	57.01	58.75	57.33	26.2	24.5	29.7	30	27	26.5	27.3	31	24	89	93	73	71	81	85	82	.....
20..	58.28	58.64	58.57	57.75	57.96	59.10	58.38	25.2	24.5	26.5	28.5	26.5	24.6	26	29.7	22.6	90	92	81	78	82	93	86	2.5
21..	58.24	57.79	58.09	56.77	58.37	59.92	58.20	24.2	25	30	29.9	23	23.6	26	31.1	22.6	95	92	69	72	96	95	86.5	25.7
22..	59.30	59.60	59.60	58.11	58.61	60.07	59.22	23.4	23.5	28.8	29	27.7	26.2	26.4	29.4	23	97	97	76	74	79	89	85.3	.....
23..	59.54	59.75	59.77	58.24	58.42	60.46	59.36	25	24.2	30	30	27.8	26.4	27.2	30.8	23.8	95	95	71	68	80	85	82.3	.....
24..	59.28	59.47	59.89	58.16	58.01	59.62	59.07	25.5	25.4	28.7	30	27.9	27.2	27.4	30	24.5	92	91	73	68	75	80	79.8	.....
25..	58.85	58.34	58.69	57.38	57.50	58.57	58.22	25.2	24.7	29.5	30	28.1	27.6	27.5	31	24.2	90	91	72	71	77	80	80.2	.....
26..	57.55	57.90	58.35	56.95	57.80	58.78	57.89	27	27	30.4	29	26.5	26	27.6	30.8	25.8	83	82	73	78	88	88	82	1.8
27..	56.75	57.03	57.68	56.48	56.86	58.73	57.26	25.6	25.8	29.5	26.5	26.5	25.9	26.6	30.6	24.7	91	93	75	84	84	88	85.8	.....
28..	57.24	57.04	57.94	56.72	57.04	58.30	57.38	25.5	26	23.6	24.5	25.5	25	25	30	22.5	91	88	96	93	92	90	91.7	14.4
29..	57.57	57.17	57.73	57.08	57.18	59.06	57.63	25.2	25.4	28.5	25.2	26.3	25.4	26	30.3	23.5	88	88	74	90	86	87	85.5	19.3
30..	58.07	57.99	58.76	57.26	57.79	59.30	58.20	24.2	26	28.6	30	27.7	27.2	27.3	30.5	23	90	81	78	75	79	81	80.7	3.6
31..	58.52	58.18	58.81	57.30	57.55	59.25	58.27	26	25	28.6	30	26.3	25.8	27	30.3	23	89	92	78	75	83	85	83.7	25.2
Mean	57.34	57.34	57.92	56.41	56.89	58.34	57.37	25.4	25.3	28.6	29	27.1	26.1	26.9	30.5	23.9	89.7	89.6	76.7	75.4	81.5	86.5	83.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	223.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NW	Calm	W	SW	W	N	21.1	47	77.7	44.6	190.4	5	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
2..	Calm	S	SW	SW	SW	SW	35.1	83.5	94.6	67.6	280.8	8	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
3..	SW	SW	SSW	SW	SW	SW	52.5	77.9	107.6	64.9	302.9	4	Ci.	Cu.	6	Ci.	Cu.
4..	S	W	W	SW	SW	W	76.6	95.8	109.4	58.7	340.5	8	Ci.-S.	Cu.-N. SW	8	Ci.-S.	Cu.-N.
5..	SW	SW	S	SW	SW	S	65	88	114.3	79.7	347	6	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
6..	Calm	SW	W	SW	SW	Calm	50.2	70.2	75.8	34.1	230.3	6	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
7..	Calm	S	S	SW	SW	S	15.1	54.7	84	36	189.8	7	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
8..	S	Calm	SW	SW	W	Calm	20.9	49.6	85.8	30.8	187.1	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
9..	Calm	Calm	W	SW	W	SW	10.9	58.2	107.6	58.1	234.8	5	Ci.-S.	Cu.	7	Ci.	Cu.
10..	SW	SW	SW	SW	SW	SW	59.2	84.7	103.6	78.4	325.9	7	Ci.-S.	Cu.	7	Ci.	Cu.
11..	S	S	SW	SW	SW	SW	55.5	69.2	93.9	67.6	286.2	8	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.
12..	SW	SW	SW	SW	SW	SW	71.4	60.2	115.3	47.7	294.6	8	Ci.-S.	Cu.-N.	7	Ci.	Cu.
13..	SW	SW	SW	SW	SW	Calm	52.3	48.5	96.8	21.1	218.7	9	Ci.-S.	Cu.-N.	7	Ci.	Cu.
14..	Calm	Calm	SW	SW	Calm	W	11.3	36	57.4	16.4	121.1	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
15..	Calm	Calm	W	SW	NW	W	17.5	23.9	68.1	12.9	122.4	9	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
16..	Calm	Calm	W	S	SW	SW	17.4	25.1	52.6	112.5	207.6	10	Ci.-S.	Cu.-N. NW	10	Ci.-S.	Cu.-N.
17..	SW	SW	SW	W	SW	SW	107.2	88.8	76.9	35.2	308.1	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
18..	Calm	Calm	W	SW	SW	SW	10.9	49.6	77	50.7	188.2	6	Ci.	Cu.	7	Ci.	Cu.
19..	SW	Calm	SW	SW	Calm	Calm	33	45.4	75.8	15	169.2	7	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
20..	Calm	Calm	SE	SW	N	N	21.5	49.4	45.7	45.3	161.9	10	Ci.-S.	Cu.-N. SW	7	Ci.	Cu.
21..	N	Calm	NW	SW	NW	Calm	23	35.1	78.1	31.6	167.8	7	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
22..	Calm	Calm	Calm	E	E	E	17.2	27.4	38.8	25.9	109.3	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
23..	Calm	Calm	Calm	SW	SW	W	21.4	39.4	94.8	42.3	197.9	5	Ci.	Cu.	5	Ci.-S.	Cu.-N.
24..	E	Calm	S	SW	W	SW	37.5	52.9	117.7	70.2	278.3	9	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
25..	Calm	Calm	SW	SW	SW	SW	19.8	59.5	116.7	73.4	269.4	7	Ci.-S.	S.-Cu.	7	Ci.	Cu. SW
26..	SW	SW	SW	SW	SW	SW	50.5	99.5	94.6	96.4	341	5	Ci.	Cu. SW	8	Ci.-S.	Cu.-N.
27..	SW	SW	SW	SW	SW	SW	104.8	104.9	89.6	107.5	406.8	6	Ci.	Cu.	8	Ci.-S.	Cu.-N.
28..	SW	SW	W	SW	SW	SW	69.4	82.4	90.1	69.5	311.4	8	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
29..	SW	SW	SW	SW	SW	SW	111	81.3	124.5	77.4	394.2	8	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
30..	SW	SW	SW	SW	SW	SW	90.6	123.3	125.3	79.4	418.6	9	Ci.-S.	Cu.-N.	7	Ci.	Cu.
31..	SW	SW	SW	SW	SW	SW	69.7	84.5	123.3	57.3	334.8	8	Ci.-S.	Cu.-N.	6	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	45.8	64.4	90.8	55.1	256	7.5	.....	.....	7.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,937	.....	.....	.....	.....	.....	.....

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

AUGUST, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.98	58.52	58.59	57.08	57.52	58.85	58.26	24.8	25.4	29	30	27.5	26.5	27.2	30.2	23.3	88	84	76	71	85	88	82	.....
2..	58.32	58.33	58.64	57.18	57.34	58.65	58.08	25.5	25.6	29.6	31	28	27.2	27.8	31	24.5	94	92	74	69	82	84	82.5	.....
3..	57.80	57.50	58.39	56.68	57.45	58.95	57.80	26.4	26.6	29	29	26.5	25.5	27.2	30.5	25.2	89	83	74	78	88	88	83.3	5.1
4..	57.68	57.67	58.83	57.57	58.34	59.49	58.26	26	25	24	24.7	24.2	24.5	24.7	26.2	21.9	87	92	96	91	90	91	91.2	34.6
5..	58.57	58.63	58.66	57.21	57.86	59.08	58.34	24.6	25	30.3	30	28.2	26.5	27.4	31	24	93	92	70	68	77	88	81.3	.....
6..	58.60	58.87	59.06	56.82	57.66	58.41	58.24	24.7	24.5	30	31	28.8	26.6	27.6	32	24.2	94	92	67	65	76	83	79.5	.....
7..	58.04	57.77	57.71	55.78	56.83	57.15	57.21	25.5	24.5	29.2	31.6	25.7	25.2	27	33	24	88	89	73	65	90	93	83	3.8
8..	56.60	56.44	57.12	55.55	56.30	57.63	56.61	24.4	24	29.6	30	25.2	25.5	26.4	30.7	23.5	97	96	70	71	91	89	85.7	24.1
9..	57.29	57.32	58.23	56.79	56.95	58.87	57.58	25.2	24.6	26.7	29.5	27.6	27	26.8	30	23.8	94	95	83	76	84	86	86.3	.8
10..	57.86	57.92	58.41	56.68	57.21	58.32	57.73	25.4	26.7	30.3	31	28.5	27.5	28.2	31.5	25.3	93	85	73	69	81	85	81	.....
11..	57.30	57.37	58.08	56.60	57.73	59.01	57.68	26.6	26	29.5	30.2	28.5	26.2	27.8	31.3	25	90	92	76	74	83	92	84.5	.....
12..	57.82	57.74	58.35	56.52	57.94	59.56	57.99	25.5	24.5	30.6	29.5	27.5	25	27.1	31.5	23.4	94	96	68	78	81	92	84.8	6.8
13..	59.02	58.86	58.87	56.13	56.96	58.53	58.06	24.8	24.8	30	31	28.6	26	27.5	32.1	24.4	93	93	69	69	78	90	82	.....
14..	57.68	57.46	57.97	55.62	56.32	57.60	57.11	25.4	24.7	30.5	30.6	29.3	26.8	27.9	33.1	24.2	95	96	65	72	72	86	81	.....
15..	56.62	56.94	57.30	55.45	55.67	56.87	56.48	25.8	25	30.5	30.3	27.6	26.5	27.6	31.3	24.5	92	92	72	74	80	86	82.7	.....
16..	55.74	55.30	55.65	53.69	54.37	55.32	55.01	24.8	24.2	29.5	30.3	27.3	27.2	27.2	31	23.6	95	97	75	74	78	83	83.7	.....
17..	54.85	54.92	56.53	54.57	55.41	56.63	55.48	26.5	27.2	25	27.5	25.8	25.5	26.2	27.5	23.5	86	83	96	81	89	89	87.3	50.7
18..	55.90	56.32	57.59	56.14	56.57	58.84	56.89	25.2	24	24.5	25.8	26	24	24.9	26.9	22.9	95	96	96	89	92	96	94	119.8
19..	57.39	57.40	58.18	56.86	57.57	59.28	57.78	25	25.5	29	30	28	26	27.2	30.5	23	88	88	74	71	81	90	82	4.3
20..	58.48	57.74	58.60	56.90	57.73	59.20	58.11	25.5	25.2	29.5	30	27.9	27	27.5	30.7	24.3	91	92	78	73	85	86	84.2	.....
21..	59.04	59.14	59.66	58.14	58.39	59.91	59.05	25.2	25.2	30.5	30.5	29	26.8	27.9	31.3	23.9	87	83	65	68	76	90	78.2	.....
22..	59.42	59.29	59.86	57.42	57.83	59.47	58.88	25.2	24.8	30.2	32.2	29.4	26.6	28.1	32.2	24.5	90	90	70	57	74	87	78	1.3
23..	58.78	58.96	59.20	57.89	59.09	59.77	58.95	25.8	25	30.5	32	28	26.4	28	32.2	24.8	87	92	68	60	81	87	79.2	.....
24..	59.24	59.82	60.51	59.01	60.02	61.17	59.96	25.5	25	30.2	28.7	25.6	25.2	26.7	32.6	24.6	92	92	67	77	87	88	83.8	2.3
25..	60	59.67	60.34	58.38	59.32	60.09	59.63	25.4	25.5	29	30.5	25.8	25.2	26.9	31.2	23.8	89	88	68	63	88	90	81	.....
26..	59.18	58.91	59.15	56.85	57.92	58.79	58.47	25.4	24.6	30	30.5	27.7	24.5	27.1	31.2	24	90	95	68	72	83	92	83.3	1.3
27..	58.17	58.19	59.04	57.19	57.75	59.80	58.36	24	24	30.2	28.1	27.4	26	26.6	31.4	23.4	93	91	67	80	85	92	84.7	.....
28..	58.84	58.77	59.63	57.32	57.86	58.95	58.56	25	25	30.3	28.6	27.5	26.6	27.2	30.8	23.4	95	93	73	73	81	87	83.7	.5
29..	57.74	57.64	58.40	56.70	56.46	57.40	57.39	25.2	24.2	29.6	29.3	26.5	25.7	26.8	31.5	24	93	95	74	72	88	93	85.8	.....
30..	56.47	55.92	56.80	54.90	55.87	56.85	56.14	24.8	24.5	29.3	29.6	27.5	26.5	27	30.5	23.7	93	93	69	74	81	88	83	.5
31..	55.84	55.65	57.11	55.11	56.11	57.73	56.26	25.2	24.5	26.3	24.8	24	24.5	24.9	29.3	23.5	92	96	86	93	96	94	92.8	119.4
Mean	57.85	57.77	58.40	56.60	57.30	58.59	57.75	25.3	25	29.1	29.6	27.3	26	27	31.2	23.9	91.5	91.4	74.2	73.1	83.3	88.8	83.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	375.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	SW	SW	SW	SW	Calm	98	84.8	84	26.7	293.5	8	Ci.-S.	Cu.	7	Ci.	Cu.
2..	Calm	Calm	SW	SW	SW	SW	11.9	76.9	114	64.4	267.2	7	Ci.-S.	Cu.	5	Ci.	Cu.
3..	SW	SW	SW	SW	Calm	SW	49.7	86.3	82.7	58.9	277.6	5	Ci.	Cu.	8	Ci.-S.	Cu.-N.
4..	SW	SW	SW	SW	SW	Calm	59.3	77.2	62.6	32.7	231.8	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. SW
5..	Calm	SW	SW	SW	SW	Calm	14.6	37.2	55.7	18.7	126.2	9	Ci.-S.	Cu.-N. sw	7	Ci.	Cu.
6..	Calm	Calm	Calm	SW	E	NE	17.7	22.8	59.8	45.3	145.6	3	Ci.	Cu.	4	Ci.	Cu.
7..	NE	NE	NE	SW	NW	Calm	29.2	40.8	47.2	20.1	137.3	5	Ci.	Cu.	7	Ci.	Cu.-N.
8..	Calm	Calm	Calm	SW	E	E	17.7	23.8	64.1	23.6	129.4	5	Ci.	Cu.	7	Ci.-S.	Cu.-N.
9..	E	Calm	S	SW	SW	Calm	17.4	53.7	82.3	28	181.4	9	Ci.-S.	Cu.	8	Ci.-S.	Cu.
10..	Calm	SW	SW	SW	SW	SW	22	75.4	108.1	60.2	265.7	7	Ci.	Cu. SW	5	Ci.	Cu.
11..	SW	Calm	SW	SW	SW	SW	20.7	61.5	74.8	37.3	214.3	6	Ci.	Cu. SW	7	Ci.	Cu.
12..	Calm	Calm	SW	SW	NE	Calm	9.2	33.2	65.5	40.2	148.1	5	Ci.	Cu.	7	Ci.-S.	Cu.-N.
13..	Calm	Calm	NE	SW	Calm	SW	14.8	25.5	68.9	34	143.2	7	Ci.-S.	Cu.-N.	5	Ci.	Cu.
14..	SW	Calm	SW	SW	Calm	Calm	20.9	22	70.5	30	143.4	4	Ci.	Cu.	5	Ci.	Cu.
15..	Calm	Calm	SW	SW	SW	Calm	16.1	45.3	124.5	40.2	226.1	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
16..	Calm	Calm	SW	SW	SW	SW	14.7	81	126.3	122.5	344.5	7	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
17..	SW	SW	SW	SW	SW	SW	130.6	124.4	123.9	103.2	482.1	8	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. SW
18..	SW	SW	SW	SW	SW	SW	104.4	89.9	110.7	73	378	10	Ci.-S.	Cu.-N. sw	10	Ci.-S.	Cu.-N.
19..	SW	SW	SW	SW	SW	SW	70	79.2	102.8	50.9	302.9	9	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
20..	SW	Calm	SW	SW	SW	SW	44	42.3	84	41.8	212.1	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
21..	Calm	Calm	Calm	SW	SW	Calm	9	28	67	21.2	125.2	5	Ci.	Cu.	5	Ci.	Cu.
22..	Calm	SW	SW	NE	NE	NE	25.9	65	80.3	36.2	207.4	4	Ci.	Cu.	5	Ci.	Cu.
23..	NE	NE	NE	N	N	N	40.8	54.4	73.5	35.6	204.3	5	Ci.	Cu.	6	Ci.	Cu.
24..	N	N	N	SW	Calm	Calm	28	44	69.4	17.4	158.8	5	Ci.	Cu.	8	Ci.-S.	Cu.-N.
25..	Calm	SW	SW	SW	N	Calm	24.4	71.4	79.2	21.1	196.1	8	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu.-N.
26..	Calm	SW	SW	SW	SW	NW	19	40.5	85.9	42.1	187.5	8	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N.
27..	NW	Calm	Calm	SW	SW	Calm	22	30.4	48	13.4	113.8	4	Ci.	Cu.	8	Ci.-S.	Cu.-N.
28..	Calm	Calm	SW	S	Calm	SW	19.3	29.5	46.4	18.8	114	9	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
29..	Calm	Calm	Calm	W	W	Calm	19.1	31.6	48.1	19.9	118.7	5	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
30..	W	Calm	W	SW	W	SW	18	41.3	83.1	26.4	168.8	5	Ci.	Cu.	8	Ci.-S.	Cu.-N.
31..	SW	SW	SW	W	W	SW	32.8	45.9	40.2	102.8	221.7	8	Ci.-S.	Cu.-N. sw	10	Ci.-S.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	33.6	53.7	79.1	42.1	208.6	6.6	.....	.....	7.1	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,466.7	.....	.....	.....	.....	.....	.....

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

SEPTEMBER, 1917.

Day	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	56.37	56.13	57.77	56.85	56.54	58.13	56.96	25	24.5	27	22.5	24.6	25	24.8	28.5	22.2	90	96	73	98	91	87	89.2	86.8
2..	57.56	58.24	58.66	56.87	57.20	58.38	57.82	24.4	24.2	25	26	24.5	24.7	24.8	26.4	21.5	93	91	92	80	87	87	88.3	32.5
3..	57.39	57.80	58.60	56.46	57.52	58.46	57.70	24.2	22.5	26	28.7	27.5	26	25.8	29.5	22	91	96	81	74	81	88	85.2	10.2
4..	57.54	57.15	57.77	56.27	56.77	57.92	57.24	25.2	25.5	27.7	27.8	26	25.3	26.2	29	24	82	84	79	79	84	86	82.3	1
5..	56.64	57.05	57.34	55.56	56.64	58.87	57.02	25.2	24.5	27.5	31.5	26.5	25.2	26.7	32	24.3	88	96	84	61	84	90	83.8	.....
6..	57.58	57.39	58.46	57.08	57.37	59.13	57.84	24.5	24.5	29.5	28.6	27.6	27	27	30.5	24	96	96	71	80	84	86	85.5	6.1
7..	58.16	57.87	58.24	56.31	56.60	58.15	57.56	25.5	25.5	29	29.5	27.5	27	27.3	30	24.5	92	88	71	71	77	81	80	.....
8..	57.32	56.51	57.42	55.44	56.07	57.53	56.72	25.5	25.5	29.6	28.7	27.5	25.5	27	31	24.5	92	92	74	77	81	88	84	2.5
9..	56.68	57.33	58.57	56.40	56.83	58.17	57.33	25.6	25.5	26.7	28.2	27	26.5	26.6	28.8	24.2	88	88	83	80	84	88	85.2	23.4
10..	57.44	57.53	58.57	56.95	57.66	59.05	57.87	24.2	25	27.5	28	27	26.5	26.4	29	23.2	95	92	82	76	77	80	83.7	.8
11..	57.84	58.08	58.91	56.90	57.60	59.40	58.12	26.2	25	28.5	29.6	27.6	26.8	27.3	30	24.2	82	88	78	75	84	86	82.2	.....
12..	58.42	58.44	59.23	56.95	58.37	59.43	58.47	26.2	24	29.5	30	27.7	25.8	27.2	31.5	23.5	89	96	71	75	84	85	83.3	8.4
13..	58.64	58.78	59.58	57.46	57.37	59.39	58.54	24.6	24.3	25.5	28.8	27	25.6	26	29	23.8	93	93	92	78	88	92	89.3	.5
14..	58.64	58.77	59.37	57.54	58.25	60.03	58.77	24.5	24.5	29.6	29	27.7	24.5	26.6	30.9	23.5	92	89	70	74	81	92	83	1.5
15..	59.17	59.18	59.67	57.24	58.29	59.35	58.82	24.1	23.8	29.5	33	28.2	26.2	27.5	33	23.5	92	93	72	50	82	89	79.7	.....
16..	58.57	57.85	58.60	55.84	56.80	57.87	57.59	25.5	25	30	32	26.2	25.5	27.4	32.4	24.7	92	88	68	60	89	92	81.5	.....
17..	57.18	57.39	58	56.09	57.19	59.73	57.60	25.5	25.5	29.5	31	27.2	25	27.3	32.4	24.5	92	92	71	62	87	90	82.3	3.8
18..	59.24	58.50	59.56	57.75	59.22	60.12	59.06	24.3	24	29.5	29.2	25.5	24.8	26.2	31	23.8	93	93	71	70	86	88	83.5	4.6
19..	58.80	58.83	59.46	56.63	57.52	58.87	58.35	23.8	23.8	28.5	30.8	25	25.2	26.2	31.7	23.5	91	91	74	64	92	88	83.3	17
20..	58.19	58.29	58.74	56.04	57.42	58.78	57.91	22.2	23.4	27.2	30.3	27	25	25.8	31	21.5	98	92	80	63	84	92	84.8	10.7
21..	57.94	58.16	59.43	57.65	58.68	60.75	58.77	25.2	24.6	27.5	28.2	26.8	23.5	26	29.5	23	93	95	81	74	84	99	87.7	48
22..	59.53	59.59	59.61	58.34	58.91	59.82	59.30	23.5	24	27.5	28.5	26	25.1	25.8	29.9	23	99	97	79	78	89	95	89.5	1.5
23..	58.74	58.93	58.86	56.85	57.87	59.17	58.40	24.6	24.5	29.4	29.8	28	26.5	27.1	31.5	24.4	95	96	68	71	76	86	82	3
24..	58.28	58.99	59.32	55.99	56.70	58.04	57.89	25.5	25	28.6	30	27.8	25.5	27.1	30.8	23.7	88	89	76	71	82	93	83.2	.....
25..	57.10	57.27	57.34	55.09	55.97	57.10	56.64	24.8	24	29.5	30.2	27.8	27	27.2	31	23.8	93	96	68	64	77	78	79.3	.....
*26..	56.52	56.50	57.49	55.56	57.05	58.72	56.97	26.8	26.5	29.6	30.5	28.2	27.6	28.2	31.2	25	80	82	70	71	76	80	76.5	.....
27..	57.60	57.50	58.52	56.94	57.35	58.80	57.78	27	27	30.5	28.5	26.2	26.6	27.6	31.4	25.8	84	80	72	77	82	83	79.7	.....
28..	57.62	57.89	58.73	56.36	57.48	59.26	57.89	26.3	24.5	28	29	25.7	25.2	26.4	30.5	24.5	83	92	79	69	82	84	81.5	.....
29..	57.98	57.96	58.47	56.90	57.25	58.99	57.92	26	25.4	29	29.7	27.7	26.8	27.4	30.5	24.9	76	84	76	73	83	86	79.7	.....
30..	58.02	57.69	58.85	56.69	57.95	59.96	58.19	24.6	24	29.6	30.5	26	24.8	26.6	31.8	23.8	92	91	74	72	82	85	82.7	.....
Mean	57.89	57.92	58.64	56.63	57.41	58.91	57.90	25	24.7	28.4	29.3	26.8	25.7	26.6	30.5	23.8	90	91.2	76	72.2	83.3	87.5	83.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	262.3

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	SW	SW	SW	SW	SW	161	146.6	99.5	96.9	504	10	Ci.-S.	Cu.-N.	10	.....	N.
2..	SW	SW	SW	SW	SW	SW	85.5	94.6	117.7	48.1	345.9	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
3..	Calm	SW	SW	SW	SW	Calm	57.3	74.6	60.2	46.1	238.2	10	.....	N.	8	Ci.-S.	Cu.
4..	SW	Calm	SW	SW	SW	SW	66.6	99.5	97.6	57.6	321.3	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
5..	SW	Calm	SW	SW	SW	Calm	39.6	31.4	81.5	20.1	172.6	9	Ci.-S.	Cu.	8	Ci.-S.	Cu.
6..	Calm	NW	SW	SW	SW	SW	13.8	59	92.3	68.2	233.3	5	Ci.	Cu.	7	Ci.-S.	Cu.
7..	SW	SW	SW	SW	SW	SW	66.3	74.5	106.8	66.8	314.4	7	Ci.-S.	Cu.	7	Ci.	Cu.
8..	Calm	Calm	SW	SW	SW	SW	14.5	55.5	66	32.8	168.8	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
9..	SW	SW	SW	SW	SW	SW	38.9	47.3	69.8	63.1	219.1	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu. SW
10..	SW	SW	SW	SW	SW	SW	38.6	93.8	104.4	91.9	328.7	8	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
11..	SW	SW	SW	SW	SW	SW	60.7	57.6	104.4	58.7	281.4	6	Ci.-S.	Cu.	5	Ci.	Cu.
12..	SW	Calm	SW	SW	Calm	Calm	30	47.7	66.6	25.1	169.4	5	Ci.-S.	Cu.	4	Ci.	Cu.
13..	SW	Calm	SW	N	NE	NE	14.6	23.9	63.1	31.1	132.7	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
14..	NE	NE	NE	SW	Calm	N	26.9	38.8	62	42	169.7	6	Ci.-S.	Cu.	6	ci., A.-Cu. SE	Cu.
15..	N	Calm	N	S	Calm	SW	17.4	30.3	47.3	29.5	124.5	2	Ci.	Cu.	3	Ci.	Cu.
16..	SW	SW	NNE	NE	W	Calm	42	69.5	58.2	25.5	195.2	7	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.-N.
17..	W	NW	Calm	SW	SW	SW	31.6	31.4	77.9	34.1	175	8	Ci.-S.	Cu.	8	A.-Cu.	Cu.
18..	Calm	SW	SW	SW	W	Calm	22.5	29.2	67.8	27.6	147.1	7	Ci.	Cu.	8	Ci.-S.	Cu.-N.
19..	Calm	Calm	W	NE	W	W	19.5	39.1	52.9	29	140.5	7	Ci.	Cu.	9	Ci.-S.	Cu.-N.
20..	N	N	N	N	E	Calm	56.9	59.3	62.3	25.7	204.2	10	Ci.-S.	Cu.	8	Ci.-S.	Cu.
21..	Calm	Calm	SW	SW	W	NE	20.6	30.1	66.8	32.8	150.3	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
22..	Calm	Calm	S	SW	Calm	S	15.9	41.8	69	25.5	152.2	10	Ci.-S.	Cu.-N. sw	9	Ci.-S.	Cu.
23..	Calm	S	Calm	SW	SW	SW	23.1	29.3	91.4	35.2	179	10	Ci.-S.	Cu.	8	Ci.-S.	Cu.
24..	SW	SW	SW	SW	SW	SW	29	67	90.7	41.6	228.3	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
25..	Calm	Calm	SW	SW	SW	SW	16.6	38.3	74.5	56.9	186.3	8	Ci.-S.	Cu.	5	Ci.	Cu.
26..	SW	SW	SW	SW	SW	SW	84	69.8	121.8	72.6	348.2	7	Ci.	Cu.	5	Ci.	Cu.
27..	SW	SW	SW	SW	SW	SW	56.8	83.2	118	85.1	343.1	7	Ci.	Cu.	8	Ci.-S.	Cu.-N.
28..	SW	SW	SW	SW	SW	SW	65.5	93.8	119.4	86.3	365	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
29..	SW	SW	SW	SW	SW	SW	74.3	53.1	81.6	44.6	253.6	10	Ci.-S.	Cu.	8	Ci.-S.	Cu.
30..	Calm	Calm	SW	SW	NW	Calm	14	42.1	81.9	29	167	8	Ci.	Cu.	7	Ci.-S.	Cu.
Mean	.....	.....	.....	.....	.....	.....	43.5	58.4	82.4	47.6	232	8	.....	.....	7.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,959	.....	.....	.....	.....	.....	.....

ILOILO.

[$\phi = 10°\ 42'$ N; $\lambda = 122°\ 34'$ E; barometer above sea, 6.5 meters; gravity correction not applied, −1.84 mm.]

OCTOBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59	58.93	60.07	57.44	58.30	59.46	58.87	24.8	23.6	29.6	27.5	25	25.2	26	32.4	23.5	88	95	70	81	92	92	86.3	3.3
2..	58.73	58.68	59.56	56.85	58.12	59.53	58.58	24.2	23.8	27.9	27.7	24	24.5	25.4	28.8	23.7	97	97	78	79	95	92	89.7	15.8
3..	58.23	58.18	58.74	56.61	57.51	58.76	58	24.2	24	27.2	27.5	25.5	25.2	25.6	31.2	23.6	95	97	84	81	88	90	89.2	.....
4..	57.47	57.52	58.26	56.02	56.47	57.37	57.18	24.8	24.5	29.5	27	26	26	26.3	30.7	24.1	93	92	68	90	84	85	85.3	26.6
5..	56.30	56.07	56.70	55.12	56.23	56	56.07	24.8	24.5	26.5	24.5	24	24.7	24.8	27.7	23.3	93	92	84	96	98	94	92.8	103.2
6..	54.93	54.88	56.03	53.99	54.22	55.58	54.94	24.6	24	24.4	24.6	25.5	25.2	24.7	26	23.4	95	97	97	95	86	90	93.3	24.5
7..	54.87	54.93	55.58	54.05	55.02	56.30	55.12	25.4	26.5	26.6	28	26.6	27.4	26.8	29.4	24.2	90	80	84	77	78	76	80.8	2.9
8..	55.48	55.94	56.79	55.55	56.62	57.65	56.34	26.2	27.1	29.4	27.5	26.5	26.8	27.2	30.1	23.8	79	76	71	81	83	83	78.8	19.5
9..	56.64	57.37	58.50	56.37	57.42	58.75	57.51	26.5	26.6	28.7	29.5	25.8	26	27.2	30	25.2	83	80	77	75	90	85	81.7	2.3
10..	57.80	57.82	59.03	56.52	57.80	59.98	58.16	24.5	24.2	28.6	29.5	26.5	24	26.2	30.8	23.4	96	95	76	73	88	93	86.8	.5
11..	58.89	59	59.25	56.67	58.12	59.72	58.61	24	23.6	28.5	29.4	27.2	26	26.4	30.8	23.3	95	99	74	68	81	90	84.5	.....
12..	58.44	58.52	59.20	57.01	58.30	59.70	58.53	25	24.7	29.8	30.8	26.8	25.4	27.1	32	24.5	93	92	74	64	86	90	83.2	.8
13..	59.18	59.57	60.53	58.51	58.92	60.63	59.56	25.2	25	25.8	28.7	24.8	24.6	25.7	29.1	24	92	92	92	76	92	93	89.5	16.8
14..	59.56	59.54	59.79	57.25	58.30	59.89	59.06	24	24.2	29.2	30.5	27	25.4	26.7	32.4	23.5	95	93	73	70	84	92	84.5	.....
15..	59.14	58.64	59.06	56.63	57.34	58.86	58.28	24.5	24	29.5	32	28.2	26	27.4	32	23.7	91	93	68	57	76	88	78.8	.....
16..	58.04	58.30	58.55	55.65	56.17	57.62	57.39	24.6	24.6	29.7	31	28.2	26	27.4	31.5	24.3	93	91	73	59	73	88	79.5	.....
17..	56.67	56.40	57.12	54.25	55.29	56.80	56.09	25	24.5	29.5	30.6	27.8	26	27.2	31.5	24	88	92	73	60	80	90	80.5	.....
18..	56.04	56.24	56.76	54.46	55.82	57.40	56.12	25	25	29.2	30.5	26.7	25.6	27	31.4	24.8	92	92	75	67	85	90	83.5	.....
19..	56.63	56.85	57.55	55.95	56.56	58.23	56.96	24.8	24.5	30	27.5	25.4	24.8	26.2	31	24.2	90	92	68	76	88	92	84.3	.....
20..	57.54	57.62	57.81	55.49	56.91	58.22	57.26	24.4	24.5	29.6	32.5	25.8	25.2	27	32.5	23.7	93	92	71	60	90	92	83	.....
21..	57.38	57.64	58.04	55.71	56.90	58.78	57.41	24.7	24.2	30	30.5	27.6	25	27	31.5	23.9	96	94	71	67	84	95	84.5	11.5
22..	57.78	58.02	58.69	56.52	57.57	58.94	57.92	25	25.1	28.5	29.5	25.5	25.2	26.5	30	24.8	95	96	78	75	94	95	88.8	4.9
23..	58.09	58.50	59.17	56.42	58.03	59.27	58.25	24.8	24	28.7	27.4	24.6	24.8	25.7	29.8	23.7	95	97	73	84	93	93	89.2	14.2
24..	58.23	58.28	58.02	56.40	56.90	58.72	57.76	24.2	24.5	27.8	29.5	28	25	26.5	30.2	21.9	97	96	82	68	77	95	85.8	92.4
25..	57.97	58.14	58.03	55.59	56.66	58.04	57.40	22.8	24	28.4	31.2	26.8	26	26.5	31.2	21.8	100	97	75	61	84	89	84.3	1.3
26..	57.14	57.91	57.77	54.66	56.33	57.92	56.96	25.5	25	28.5	31.8	26.2	25.8	27.1	32.5	24.7	93	96	78	58	89	89	83.8	.....
27..	56.64	56.99	57.50	54.68	56.40	57.72	56.66	25	25	29.5	30.6	26.2	25	26.9	31.8	24.4	92	92	71	69	90	92	84.3	.....
28..	56.98	57.84	58.45	56.20	57.62	58.92	57.67	24.6	25	28.8	31.6	27	26	27.2	32	24	92	88	72	60	84	92	81.3	.....
29..	58.54	58.61	59.14	57.02	58.32	59.04	58.44	25.5	24.6	29.7	30	26.5	25.6	27	31	24.5	89	95	71	71	86	88	83.3	2.
30..	58.10	57.42	58.28	56.38	57.22	58.04	57.57	25	25	28	27.5	27.2	25.8	26.4	29.3	24.5	92	92	81	82	84	88	86.5	4.1
31..	57.02	56.99	57.72	55.52	57.07	57.69	57	25.2	25	30	30	24	24.2	26.4	31	23.6	92	92	69	67	96	91	84.5	9.9
Mean	57.53	57.66	58.25	55.98	57.05	58.37	57.47	24.8	24.7	28.6	29.2	26.2	25.4	26.5	30.7	23.9	92.4	92.4	75.8	72.5	86.4	90.1	84.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	356.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	NW	Calm	Calm	Calm	Calm	13.8	23.5	39.6	22.2	99.1	9	Ci.	Cu.	10	Ci.-S.	Cu.-N. NW
2..	Calm	Calm	NE	SW	Calm	Calm	10.6	30.6	91.1	7.8	140.1	7	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
3..	Calm	N	N	S	Calm	Calm	16.1	25.9	44.9	11.3	98.2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
4..	NE	Calm	NW	SW	SW	SW	16.3	45.7	106.4	109.9	278.3	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
5..	SW	SW	W	Calm	SW	SW	65.7	75.8	67.4	98.7	307.6	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. SW
6..	SW	SW	W	SW	SW	SW	116.5	100.4	143.8	157.2	517.9	10	.....	N.	10	Ci.-S.	Cu.-N. SW
7..	SW	SW	SW	SW	SW	SW	178.4	185.7	201.1	158.7	723.9	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
8..	SW	SW	SW	SW	SW	SW	146.2	159.8	107.8	103.5	517.3	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
9..	SW	SW	SW	SW	SW	SW	116.7	116.9	107.6	94.6	435.8	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.
10..	SW	SW	SW	SW	SW	Calm	25.1	61.7	95.3	35.1	217.2	9	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
11..	Calm	Calm	Calm	SW	Calm	SW	11.9	25.1	65.4	12.6	115	10	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
12..	SW	SW	NE	NE	E	Calm	36.5	58.9	56.9	24.1	176.4	7	Ci.	Cu.	5	Ci.	Cu.
13..	Calm	Calm	NE	NE	Calm	S	12.2	50.4	41.2	16.7	120.5	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
14..	Calm	S	Calm	S	SE	Calm	17.1	25.2	52.8	22.7	117.8	9	A.-Cu.	Cu.	7	Ci.-S.	Cu.-N.
15..	Calm	Calm	NE	E	NE	NE	31.1	44.3	66	48.6	190	3	Ci.	Cu.	6	Ci.	Cu.-N.
16..	N	N	NE	NE	NE	NE	45.6	91.1	90.4	63.4	290.5	7	Ci.-S.	Cu.	4	Ci.-S.	Cu.-N.
17..	N	NE	NE	NE	N	N	57.9	82.9	96	79.9	316.7	5	Ci.	Cu.	5	Ci.-S.	Cu.-N.
18..	N	NNE	NE	NE	N	N	69.8	95.2	108.6	57.7	331.3	9	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
19..	N	N	NE	W	Calm	NW	45.1	71.3	38	25.5	179.9	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
20..	NW	Calm	E	SE	NW	Calm	32.8	49.1	45.3	20.9	148.1	7	Ci.	Cu.	8	Ci.-S.	Cu.-N.
21..	Calm	Calm	NE	SW	SW	Calm	17.7	31.1	58.7	36.7	144.2	9	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
22..	Calm	Calm	SW	SW	S	Calm	15.6	35.6	50.5	23	124.7	10	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
23..	Calm	Calm	SW	SW	Calm	Calm	20.9	23.3	39.6	14	97.8	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
24..	N	N	N	NE	E	N	28.2	75	57.4	59.7	220.3	9	Ci.-S.	Cu.	9	A.-Cu. E	Cu.
25..	W	Calm	NE	NE	N	Calm	19.9	41	61.2	14.7	136.8	8	Ci.-S.	Cu.	6	Ci.	Cu.
26..	Calm	Calm	NW	ENE	Calm	Calm	17.9	28.8	44.3	17.5	108.5	8	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu.-N.
27..	N	Calm	Calm	SW	N	Calm	32.8	32.5	74.5	24.3	164.1	4	Ci.	Cu.	5	Ci.-S.	Cu.-N.
28..	Calm	Calm	NE	E	NW	NW	14.5	38.3	61.7	22.8	137.3	7	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N.
29..	NE	NE	NE	N	N	NE	40	78.7	95.3	52.5	266.5	7	Ci.	Cu.	6	Ci.-S.	Cu.-N.
30..	N	N	NE	NE	NE	N	48.6	86.3	75.1	78.4	288.4	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.
31..	N	NE	NE	NE	N	N	55.8	109.6	107.8	66	339.2	6	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. NE
Mean	.....	.....	.....	.....	.....	.....	44.4	64.5	77.2	51	237.1	8.4	.....	.....	7.8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,349.4	.....	.....	.....	.....	.....	.....

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

NOVEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	56.25	56.28	57.63	55.26	55.75	56.69	56.31	23.4	24	29	29.6	26.4	25.4	26.3	30.6	23.3	97	91	74	69	86	89	84.3	.....
2..	56.44	56.75	57.62	55.51	56.64	57.37	56.72	24.8	24.7	29.1	29	26	24.5	26.4	30.2	23.8	93	94	75	74	89	89	85.7	.....
3..	56.63	56.77	57.76	55.59	56.41	58.04	56.87	24.5	25	29	29.5	27.5	25.5	26.8	30.4	23.8	90	88	74	70	81	91	82.3	.....
4..	56.92	57.67	58.57	56.71	57.94	59.54	57.89	25	25	28.6	30.1	27.8	23.8	26.7	31	22.8	92	90	78	68	82	98	84.7	20.8
5..	58.40	58.47	59.29	56.98	57.08	58.44	58.11	24	24.4	25	24.8	25	24.9	24.7	27	23.7	97	94	98	92	92	92	94.2	19
6..	57.39	57.89	58.97	56.55	57.24	58.48	57.75	24.8	24.8	27	28.5	26.9	25.5	26.2	28.7	24.5	91	89	85	78	86	91	86.7	.5
7..	57.75	58	59.04	56.93	58.03	59.16	58.15	25.4	25	27.6	29.4	26.7	25.8	26.6	30	24.7	90	92	83	73	84	84	84.3	.....
8..	58.77	59.02	59.49	57.23	57.17	57.99	58.28	25.4	25	29.6	31.3	27.6	25.8	27.4	31.7	24.3	88	89	73	64	84	93	81.8	.....
9..	56.80	57.37	57.27	54.92	56.07	56.78	56.54	24.9	24.9	30	27	24.3	24.2	25.9	30.2	24	93	92	73	88	97	97	90	23.7
10..	56.14	56.76	57.77	55.77	56.95	58.02	56.90	24.3	23.8	29.3	27	26.5	25.4	26	32.2	23.6	96	97	76	88	91	98	91	8.6
11..	56.57	57.53	58.40	56.39	57.53	58.94	57.56	24	24	28.5	28.3	26	24.6	25.9	31	23.6	98	95	79	82	94	95	90.5	.8
12..	57.83	58.34	59.37	56.35	57.05	58.63	57.93	24.9	23.7	29	30.5	27.6	26.2	27	31.7	23.4	94	97	78	65	86	90	85	.5
13..	57.93	58.64	59.17	57.03	57.99	58.87	58.27	24.7	25	28.3	26.5	26	24.5	25.8	30	24	95	95	84	91	93	97	92.5	11.9
14..	56.41	56.88	57.18	55.08	55.84	56.44	56.30	24.6	25	29	27.1	24.9	25.3	26	29.7	24.2	95	92	76	81	90	89	87.2	6.3
15..	55.53	55.99	57.04	54.72	55.61	56.68	55.93	24.9	25	28.2	29	26.6	25.8	26.6	29.8	24.1	92	92	83	78	90	93	88	.....
16..	56.04	56.15	57.09	55.99	56.79	58.08	56.69	25.1	25	26.3	24.8	24.3	23.8	24.9	27.2	23.6	92	92	91	98	94	95	93.7	40.9
17..	57.43	57.71	58.07	55.92	56.77	57.67	57.26	23.9	24	29.3	27.9	25.5	25.6	26	29.6	23.7	93	93	73	83	91	88	86.8	10.9
18..	56.94	57.64	58.07	56.05	56.88	58.12	57.28	25.4	25.1	29.6	29.1	26.5	25.4	26.8	30.8	24.3	88	87	65	70	86	91	81.2	11.4
19..	57.19	57.54	58.52	56.26	57.41	58.43	57.56	24	23.9	28.5	29.5	26	23.9	26	30.2	23.2	96	97	72	75	88	96	87.3	17.1
20..	57.85	58.49	59.25	56.77	57.96	59.21	58.26	24	23.8	29.5	29.7	27.4	25.8	26.7	30.3	23.1	95	97	75	75	84	94	86.7	.....
21..	58.19	59.03	59.62	57.27	57.70	58.52	58.39	25	24.1	29.3	30.7	27.9	26	27.2	31	23.8	95	96	76	74	82	87	85	.....
22..	58.27	58.49	59.11	57.07	57.54	58.37	58.14	24.2	24.3	28	27.2	26.3	25	25.8	28.6	23.7	92	91	82	86	90	90	88.5	.3
23..	57.33	57.56	58.26	55.75	56.79	57.64	57.22	25.1	25	28.2	28.6	26.8	25.4	26.5	29.7	24.3	90	92	80	73	83	89	84.5	.....
24..	56.35	56.75	57.90	55.38	56.61	57.37	56.73	24.9	24.9	26.7	28.5	26.6	24.5	26	29.7	24.2	90	92	91	70	81	92	86	3.6
25..	56.23	57.16	58.39	56.74	58.14	58.84	57.58	23.9	23.5	27.2	25.4	24.5	24.2	24.8	28.3	23.2	96	98	86	88	95	97	93.3	4.6
26..	57.63	58.46	59.09	56.55	57.72	58.62	58.01	23.8	23.7	27.2	30	27.4	24.9	26.2	30.2	23.5	98	98	83	67	83	92	86.8	.8
27..	57.44	58.15	59.06	56.60	57.83	58.57	57.94	24.2	24	28.8	28.4	24.4	24	25.6	31.4	23.3	95	96	75	76	93	93	88	7.1
28..	58.19	59.25	59.85	57.55	58	59.57	58.74	23.1	22.6	28.5	30.7	27.7	25.4	26.3	31.7	22.6	96	98	78	65	83	89	84.8	.....
29..	59	59.53	60.56	58.57	59.28	60.72	59.61	24.6	24	29.3	30.7	27.6	25.5	27	30.9	23.7	94	96	76	66	84	92	84.7	.....
30..	59.42	59.66	60.17	58.32	58.91	59.90	59.40	24.5	24.2	29	28.5	26.2	25.2	26.3	30.7	23.9	93	93	78	75	88	93	86.7	.....
Mean	57.31	57.80	58.59	56.39	57.25	58.32	57.61	24.5	24.4	28.4	28.6	26.4	25.1	26.2	30.2	23.7	93.5	93.4	79	76.7	87.7	92.1	87.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	188.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	N	N	NE	NE	N	58.4	97.7	95.6	72.6	324.3	5	Ci.	Cu.	9	Ci.-S.	Cu.
2..	N	N	NE	N	N	N	71	100	155.9	88.3	415.2	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.
3..	N	N	NE	NE	NE	Calm	77.5	142.2	135.8	41.3	396.8	5	Ci.	Cu.	8	Ci.-S.	Cu.
4..	N	N	NE	NE	NE	Calm	52.8	99	76.7	64.9	293.4	10	Ci.-S.	Cu. NE	7	Ci.-S.	Cu.-N.
5..	Calm	N	NE	N	N	N	42.3	95	121.7	93.5	352.5	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
6..	N	N	N	NE	NE	N	86.1	106.5	146.9	91.1	430.6	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. NE
7..	N	N	N	NE	N	N	79.9	89.5	113.8	95.5	378.7	8	Ci.-S.	Fr.-Cu. NE	6	Ci.	Cu. ENE
8..	N	N	NE	NE	NE	NE	41.6	82.3	107	70.6	301.5	4	Ci.	Cu. ENE	4	Ci.	Cu.-N. ENE
9..	N	N	NNE	E	Calm	Calm	46.2	60.6	33.6	26.6	167	8	Ci.	S.-Cu. N	10	.....	N.
10..	Calm	Calm	SW	Calm	Calm	Calm	16.9	26.2	52.5	24.7	120.3	3	Ci.	Fr.-Cu. SE	10	.....	N.
11..	SW	Calm	NE	ENE	Calm	Calm	23.6	52	57.4	29.6	162.6	3	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N. NE
12..	Calm	Calm	NE	SSW	SW	NE	16.3	32.2	64.7	63.1	176.3	3	Ci.	Cu.	5	Ci.	Cu.-N.
13..	N	N	N	NNE	NNE	N	65.7	86.1	79.7	86.1	317.6	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N.
14..	N	NNE	NNW	NNW	N	N	79.2	102.2	128.5	115.6	425.5	5	Ci.	Cu.	10	Ci.-S.	Fr.-N. N
15..	N	NW	N	N	N	N	124.9	126.9	143.4	102.8	498	10	Ci.-S.	Fr.-N. NE	9	Ci.-S.	Cu.-N. NNE
16..	N	N	NE	Calm	NE	Calm	100.8	82.3	34.4	28	245.5	5	Ci.	S.-Cu. NE	10	Ci.-S.	Cu.-N.
17..	Calm	Calm	Calm	S	Calm	SE	15	24.6	44.3	34.3	118.2	4	A.-Cu.	S.-Cu. SE	8	Ci.-S.	Cu.-N. S
18..	Calm	Calm	S	SW	Calm	Calm	24.1	56	49.3	15.9	145.3	3	Ci.	Cu.	4	Ci.	Cu.
19..	Calm	Calm	SW	SW	Calm	Calm	19.6	45.1	65.7	35.4	165.8	4	Ci.	S.-Cu.	4	Ci.	Cu.-N. WSW
20..	Calm	W	SW	SW	SW	Calm	15.8	39.2	72.7	29.6	157.3	4	Ci.-S.	Cu. SSW	3	Ci.	Cu.
21..	Calm	Calm	NE	NE	NE	Calm	18.3	60.2	64.1	37	179.6	3	Ci.	Cu.	3	Ci.	Cu.
22..	Calm	N	NNE	NE	NE	N	49.1	86.4	85.8	75.4	296.7	7	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. NNE
23..	N	N	NNE	NNE	NE	N	90.3	121.2	122.5	70.5	404.5	7	Ci.	S.-Cu. NE	7	Ci.-S.	Cu.-N. ENE
24..	N	NNW	NE	NE	NE	N	89.6	88.7	124.5	44.5	347.3	8	Ci.-S.	Cu.-N. NE	9	Ci.-S.	Cu.-N. ENE
25..	Calm	Calm	Calm	WSW	Calm	Calm	11.9	15.5	39.7	13.2	80.3	9	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. SW
26..	W	Calm	NNE	NE	NE	SE	37.3	77	60.4	33.8	208.5	9	Ci.-S.	S.-Cu. NE	6	Ci.-S.	Cu. ENE
27..	Calm	Calm	SE	SW	Calm	Calm	15.8	32.5	40.4	12.4	101.1	7	Ci.-S.	Cu.-N. NE	9	Ci.-S.	Cu.-N.
28..	Calm	Calm	NE	NE	N	N	21.4	49.7	48	33.8	152.9	4	Ci.	Cu.	5	Ci.	Cu.-N.
29..	N	Calm	NE	ENE	N	N	34.4	43.1	74.6	70	222.1	2	Ci.	Cu.	3	Ci.	Cu.
30..	N	N	NE	NE	N	Calm	59	84.8	79.9	48.1	271.8	4	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N. ENE
Mean	.....	.....	.....	.....	.....	.....	49.5	73.5	84	54.9	261.9	6.1	.....	.....	7.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,857.2	.....	.....	.....	.....	.....	.....

ILOILO.

[$\phi = 10°\ 42'$ N; $\lambda = 122°\ 34'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

DECEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.98	59.34	60.30	57.49	58.20	59.87	59.03	24.3	23.7	29	30.5	27.6	25.5	26.8	30.6	23.5	92	92	74	66	79	84	81.2	.....
2..	59.26	59.48	60.10	57.49	59	59.90	59.20	23.7	23.1	29	30.4	27.8	25.2	26.5	30.5	22.6	91	91	69	64	75	85	79.2	.....
3..	58.93	59.36	60.25	58.02	58.72	59.37	59.11	24.2	24.3	28.9	29.5	27	25.7	26.6	30.6	23.1	90	86	75	75	86	91	83.8	.....
4..	58.87	59.29	60.02	58.12	58.90	59.91	59.18	25	24.4	29.2	30.2	27.6	24.9	26.9	30.6	24.2	92	91	62	55	73	88	76.8	1.5
5..	58.73	58.96	59.09	57.16	58.12	58.57	58.44	24.4	24.2	28	30.4	26.7	24.7	26.4	30.5	24	92	95	77	60	80	92	82.7	1.8
6..	57.10	57.36	57.45	55.32	56.31	57.22	56.79	24.3	24.5	28.6	29.9	26	25	26.4	30.9	24.1	94	93	75	68	85	88	83.8	.....
7..	55.49	55.96	55.97	53.98	54.86	55.96	55.37	23.8	23.2	29.5	26.1	25.2	24.6	25.4	30.5	23	91	94	71	93	92	95	89.3	5.1
8..	54.94	55.39	56.49	53.97	55.02	56.45	55.38	24.4	24.5	26.5	29	25.6	24.8	25.8	29.1	22.3	95	96	90	76	91	93	90.2	3.6
9..	55.69	56.41	57.71	55.70	57.18	58.62	56.88	24.3	23.7	29	30	27.1	25.1	26.5	30.6	23.2	92	96	73	66	83	90	83.3	.....
10..	57.54	57.64	58.05	55.47	56.30	57.67	57.11	23.9	23.4	29	30.8	27	25.3	26.6	31	23.3	96	97	75	63	85	88	84	.....
11..	56.62	56.99	58.21	55.20	56.32	57.54	56.81	25	24	28.5	30.2	25.8	24.8	26.4	31	23.3	88	91	76	67	86	89	82.8	2.1
12..	56.84	57.19	58.24	56.09	56.72	57.72	57.13	24.4	24	28.5	29.5	27.1	24.7	26.4	30.2	23.6	90	93	75	71	83	90	83.7	.....
13..	57.36	57.54	58.27	56.59	57.25	58.77	57.63	24.3	24.2	29.2	31.2	27.8	25.5	27	31.4	23.9	92	93	74	60	78	86	80.5	.....
14..	57.93	57.79	59.31	56.91	56.92	58.63	57.92	23.8	23.6	29.7	31.2	27.7	24.9	26.8	31.3	23.1	93	92	71	62	78	89	80.8	.....
15..	58.18	58.31	59.13	56.42	56.95	58.50	57.92	23.9	23.3	29.5	29.7	27	25.3	26.4	30.9	23.3	91	90	72	71	84	89	82.8	.....
16..	57.33	57.09	57.88	55.44	56.82	57.62	57.03	23.9	23.5	29.6	29.7	27.5	24.9	26.5	30.8	23.2	91	93	66	65	78	90	80.5	.....
17..	56.65	57.09	57.97	55.69	57.10	58.13	57.10	24.4	23.5	28.5	30.6	27.8	25.2	26.7	31.1	23.2	91	96	75	60	76	87	80.8	.....
18..	57.56	58.14	58.73	56.66	57.66	58.92	57.94	23.9	23.6	29.5	30.4	27.4	25.2	26.7	30.9	23.3	91	93	71	62	80	90	81.2	.....
19..	57.84	58.41	59.27	56.69	57.66	58.85	58.12	24.6	24.5	26	30	27.2	24.7	26.2	30.6	23.6	93	92	90	69	82	91	86.2	4.6
20..	57.46	57.69	58.12	56.09	57.17	58.43	57.49	24.1	24	28.3	30.2	27.3	25.3	26.5	30.6	23.7	91	93	76	64	80	85	81.5	.....
21..	57.85	58.36	58.11	55.92	56.52	58.03	57.46	24.5	24.5	29.6	30.7	27.8	24.7	27	31.3	23.8	92	91	66	57	76	92	79	.....
22..	57.59	57.75	58.62	56.32	56.80	57.83	57.48	24.4	24.3	29.5	30.6	27.8	24.9	26.9	30.9	23.6	91	93	68	63	76	91	80.3	.8
23..	57.10	57.36	58.25	56.12	57	58.56	57.40	24.4	24.5	29.9	29.7	27.7	25.6	27	31	24.2	94	93	65	63	76	84	79.2	.....
24..	56.94	57.34	58.11	55.62	56.78	57.54	57.06	24.8	24.7	29.4	28	25.5	23.5	26	29.8	22.7	88	88	68	74	86	96	83.3	7.4
25..	56.56	56.61	57.13	54.86	55.44	56.39	56.16	23.8	24	28.5	29	25.3	24.6	25.9	30.3	23.4	92	93	76	65	85	87	83	.....
26..	55.63	55.80	56.94	54.66	55.54	56.35	55.82	23.7	23.5	28.8	26.8	25.3	24.7	25.5	30.5	23.3	92	93	75	89	89	93	88.5	25.9
27..	55.41	55.70	56.97	55.26	55.96	57.16	56.08	23.9	23.5	26.7	27	24.5	24.1	25	27.6	23.5	95	97	84	77	92	92	89.5	4.6
28..	56.24	56.71	57.89	55.90	56.34	57.71	56.80	23.7	23.5	24.5	25.8	24.4	23.7	24.3	26	23.4	95	96	96	90	95	97	94.8	12.3
29..	56.81	57.29	58.66	56.39	56.83	57.76	57.29	23.4	23.4	25.7	27.6	25.2	24	24.9	28.7	23.2	97	97	90	78	88	93	90.5	.....
30..	56.83	57.29	58.38	56.42	57.19	58.39	57.42	23.7	23.8	27.6	27	24.1	23.6	25	29.6	23.2	93	92	83	84	96	96	90.7	.6
31..	58.10	58.39	59.10	57.48	57.79	58.90	58.29	23.8	23.5	25.4	26	24.4	23.6	24.4	26.6	23.1	94	96	92	82	91	93	91.3	2.4
Mean	57.24	57.55	58.35	56.11	56.95	58.11	57.38	24.2	23.9	28.4	29.3	26.5	24.8	26.2	30.2	23.4	92.2	93.1	75.8	69.6	83.4	90.1	84	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	72.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	N	NNE	ENE	NE	N	50.7	67.3	66.6	46.9	231.5	3	Ci.	Cu.	4	Ci.	Cu.-N. ENE
2..	Calm	N	NE	E	NE	NE	18	56.6	76.6	46.4	197.6	6	Ci.	Cu.	3	Ci.	Cu.
3..	NE	NE	N	NE	N	N	33.5	103.6	112.5	70.8	320.4	4	Ci.	Cu.	5	Ci.-S.	Cu.-N. NNE
4..	N	N	NNE	NE	NE	NE	79.7	128.7	126	68.9	403.3	2	Ci.	Cu. NNE	2	Ci.	Cu.
5..	N	N	NNE	NE	NE	NE	96.8	129.2	149.5	74.6	450.1	9	Ci.-S.	N. NNE	3	Ci.	Cu.
6..	N	N	NNE	ENE	N	N	88.8	125.8	125.8	55.3	395.7	8	Ci.-S.	Cu.-N. NE	5	Ci.-S.	Cu.-N. NE
7..	N	N	NNW	NE	N	N	48.5	119.3	79.2	76.9	323.9	4	Ci.-S.	S.-Cu.	10	Ci.-S.	Fr.-N.NNE
8..	N	N	N	NNE	N	N	45.7	102.7	116.5	65	329.9	9	Ci.-S.	Cu.-N. NNE	7	Ci.-S.	Cu.-N. NE
9..	N	N	Calm	SW	Calm	W	31.2	33.5	76.1	34.3	175.1	4	Ci.	S.-Cu.	3	Ci.	Cu.
10..	Calm	Calm	NE	NE	NE	N	31.6	73.8	65.2	62.6	233.2	5	Ci.-S.	S. N	7	Ci.	Cu. E
11..	NE	NE	NNE	NE	E	NE	35.4	44.8	53.7	36.7	170.6	7	Ci.	Cu. NE	8	Ci.-S.	Cu. ENE
12..	Calm	Calm	NNE	NE	N	N	20.4	61	95.6	77	254	7	Ci.	S.-Cu. NE	3	Ci.-S.	Cu. ENE
13..	N	N	NE	NE	E	N	67	99	68.1	54.7	288.8	3	Ci.	S.-Cu. NE	3	Ci.	Cu.
14..	N	N	NNE	ENE	NE	N	49.9	72.4	96.1	55.7	274.1	3	Ci.	Cu.	3	Ci.	Cu. NE
15..	NE	NE	NE	ENE	NE	NE	37.2	79.9	93.6	48.3	259	4	Ci.	Cu. NE	7	Ci.-S.	Cu.-N. NE
16..	NE	N	NE	NE	NE	N	59.3	94.8	106.2	59.3	319.6	4	Ci.	S. NNE	6	Ci.-S.	Cu.
17..	N	Calm	NE	ENE	E	N	39.4	58.1	78.1	59.5	235.1	5	Ci.	Cu.-N. N	3	Ci.	Cu.
18..	N	N	NE	NE	NE	NE	46.7	93.9	132	61.2	333.8	6	Ci.	Cu. NE	3	Ci.	Cu.
19..	N	N	NE	N	N	N	75.8	121	111.8	73.2	381.8	3	Ci.	Cu. NNE	6	Ci.	Cu. NE
20..	N	N	NNE	NE	NE	N	69.8	118.9	133.9	74.2	396.8	4	Ci.	Fr.-Cu.NE	3	Ci.	Cu.
21..	N	N	NE	NE	NE	N	60.2	103.8	137.1	60.4	361.5	7	Ci.-S.	Cu.-N. NE	3	Ci.	Cu.
22..	N	N	NNE	NE	NE	N	64.6	122.3	137.1	71.9	395.9	3	Ci.	Cu.	3	Ci.	Cu.
23..	N	NE	NE	NE	NE	NE	74	116.1	114.9	71.3	376.3	6	Ci.-S.	N.	5	Ci.-S.	Cu.
24..	N	N	NE	NE	N	N	65.4	95.2	94.6	70.5	325.7	9	Ci.-S.	Fr.-N. NE	9	Ci.-S.	Cu.-N. NE
25..	N	N	NE	N	N	N	59.8	89.5	104.9	47.5	301.7	9	A.-Cu.	Cu.-N. NNE	5	Ci.-S.	Cu.-N. NNE
26..	N	N	N	N	NNW	NNW	43.8	79.4	87.9	58.1	269.2	9	Ci.-S.	Cu.-N.	9	Ci.-S.	N. NE
27..	N	NNW	NNE	NNE	N	N	65.8	99.5	115.9	92.	373.2	10	Ci.-S.	S. NE	10	Ci.-S.	Cu.-N. NE
28..	NNW	NNW	N	N	N	N	81.3	89.1	116.7	94.6	381.7	10	.....	N.	10	Ci.-S.	Cu.-N. NE
29..	N	N	N	NNW	N	N	88.3	86.9	99.6	61.4	336.2	10	Ci.-S.	Cu.-N. NE	9	Ci.-S.	Cu.-N. N
30..	N	Calm	NE	E	N	N	46.1	61.4	77.9	39.2	224.6	7	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
31..	N	N	N	N	N	N	45.4	94.1	153.1	89.9	382.5	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Cu.-N. NE
Mean	.....	.....	.....	.....	.....	.....	55.5	91	103.3	63.2	313	6.1	.....	.....	5.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,702.8	.....	.....	.....	.....	.....	.....

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, −1.83 mm.]

JANUARY, 1917.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.								Relative humidity.						Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.c*	*P. ct.*	*mm.*
1..	58.22	58.69	59.45	57.16	58.43	59.42	58.56	22.9	21.4	28.6	30.4	27.6	23.9	25.8	31.2	20.4	94	95	71	65	73	91	81.5	.....
2..	58.32	58.58	60.05	57.72	58.97	59.86	58.92	22.6	21.9	29	29.8	24.6	23.4	25.2	32.4	21.4	96	96	74	75	95	96	88.7	4.8
3..	58.88	59.40	60.39	58.01	59.32	60.65	59.44	22.1	21.9	28.8	26.4	24.8	24.2	24.7	31.6	21.4	99	98	77	86	93	97	91.7	8.7
4..	59.78	60.05	61.08	59.32	60.26	62.31	60.47	23.2	23	29.7	28.1	27.4	24.4	26	31	22.4	98	95	67	70	69	88	81.2	.8
5..	61.69	62.36	63.30	61.39	62.45	63.35	62.42	25.4	25.5	28.1	29.3	26	24.7	26.5	29.6	23.8	77	67	70	62	69	75	70	.....
6..	63.42	63.06	63.55	61.32	61.43	61.95	62.46	24	23.9	27.5	28.2	26	25.4	25.8	30.2	23.1	78	77	65	60	65	73	69.7	.....
7..	60.91	60.91	62.38	60.17	60.79	62.13	61.22	24.2	25	27.9	29.9	27.3	26	26.7	30.9	22.9	77	72	69	69	63	69	69.8	.....
8..	61.58	61.91	63.20	61.35	62.13	62.79	62.16	22.3	22	29.1	29	26.9	26.3	25.9	31.8	20.9	85	90	61	69	67	67	73.2	.8
9..	62.80	62.77	63.43	60.90	61.91	63.34	62.52	24.1	23.9	28.6	29.4	26.3	24.6	26.2	31.2	22.9	82	82	66	71	81	90	78.7	1.3
10..	62.42	62.21	62.84	61.28	61.69	62.28	62.12	23.9	23.7	28.6	27.7	25.6	25.4	25.8	31.6	22.8	91	90	68	77	86	80	82	6.1
11..	61.79	61.47	62.26	59.60	60.65	61.90	61.28	23.8	23.5	25.5	28.3	25.9	23.5	25.1	28.8	23.1	92	97	92	72	76	96	87.5	11.1
12..	61.09	60.67	61.19	59.07	60	61.25	60.54	24.5	25.1	28.2	29.9	27.8	26.9	27.1	30.6	22.4	85	82	69	62	67	70	72.5	.....
13..	60.19	59.64	60.88	58.82	59.12	60.33	59.83	25.8	24.7	28.8	31.6	28.4	24.6	27.3	32	22.9	73	81	65	56	68	95	73	3.
14..	59.31	59.21	61.19	58.57	59.25	60.10	59.60	24.2	23.9	25.4	26.4	25.8	25.3	25.2	27.3	22.2	96	93	84	77	87	78	85.8	7.1
15..	59.49	59.49	60.44	57.84	58.77	59.26	59.22	22.4	22.1	28.3	29.6	27.2	24.4	25.7	30.9	21.2	90	96	74	67	82	91	83.3	.....
16..	58.48	58.75	59.59	57.75	58.80	59.53	58.82	22.1	21.5	26.3	27.2	25.4	24	24.4	28.8	20.9	92	95	85	84	90	95	90.2	1.4
17..	58.81	58.69	59.74	57.89	57.96	59.36	58.74	24.1	23.9	28.6	26.2	26.3	24.9	25.7	29.8	23.4	93	93	76	95	88	92	89.5	8.4
18..	57.88	58.67	58.87	56.30	57.82	59.36	58.15	24.1	23.9	27.3	28.4	24.9	23.9	25.4	30.2	23.4	97	97	76	78	95	97	90	30.5
19..	57.81	57.69	58.90	56.52	57.55	58.52	57.83	24.2	23.6	26.4	27	26.2	23.6	25.2	27.8	22.6	94	97	87	83	90	98	91.5	.....
20..	58	57.67	58.80	56.24	57.38	58.73	57.80	22.7	22.3	28.5	31.5	28	24	26.2	31.8	21.9	97	97	73	68	77	95	84.5	.....
21..	57.78	57.70	59.02	56.68	57.96	58.80	57.99	22.9	22	27.9	31.4	27.6	24.3	26	32	21.6	94	96	79	65	81	93	84.7	.....
22..	58.12	58.12	58.84	56.31	57.36	58.62	57.90	22.7	21.7	28.3	31.4	25.2	24.4	25.6	32.1	21.4	95	97	74	66	93	96	86.8	7.4
23..	58.28	58.40	58.95	56.74	57.51	58.64	58.09	23.8	22.6	27.6	31.8	27.4	24.4	26.3	32	22.4	96	97	77	64	84	91	84.8	.....
24..	58.18	58.40	58.92	57.34	58.05	59.06	58.32	23.1	22.3	28.5	27.6	25.8	24.7	25.3	31.5	21.9	97	96	73	84	91	94	89.2	15.3
25..	58.49	58.94	59.20	57.82	59.10	60.15	58.95	23.9	23.4	29.7	30.2	27.2	23.9	26.4	30.9	23	96	97	56	58	70	87	77.3	.....
26..	59.50	59.52	59.54	57.68	58.93	59.53	59.12	22.2	22.4	28.8	28.5	27.4	25.4	25.8	31.4	21.1	96	96	73	73	74	84	82.7	1
27..	59.18	59.42	59.85	57.28	58.55	59.12	58.90	23.8	21.5	28.8	31.7	26.2	24.7	26.1	32	21.4	91	94	64	56	75	86	77.7	.....
28..	58.59	58.37	59.08	57.44	58.61	59.60	58.62	24.1	24.8	29.3	28	27	24.6	26.3	30.6	23.7	90	84	62	67	72	86	76.8	3.3
29..	58.62	58.59	59.73	57.73	59	60.51	59.03	23.9	23	26.7	30.6	27.6	23.4	25.9	31	22.8	91	97	83	64	63	85	80.5	.8
30..	59.02	59.44	59.95	57.67	58.51	59.72	59.05	21.8	20.9	28.6	30.4	27.2	22.4	25.2	30.8	20.6	88	92	66	63	68	86	77.2	.....
31..	59.30	59.05	59.73	57.38	58.03	59.12	58.77	20.9	20.4	27.5	29.5	25.4	24.1	24.6	30.3	20.3	94	95	69	66	88	82	82.3	.8
Mean	59.55	59.61	60.46	58.30	59.24	60.30	59.58	23.4	23	28.1	29.2	26.5	24.5	25.8	30.8	22.1	90.8	91.3	72.4	70.1	78.7	87.2	81.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	112.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	NE	SW	SSE	Calm	19.8	23	29.3	22.8	94.9	8	Ci.-S.	Cu.	6	Ci.-S.	Cu. E
2..	Calm	Calm	SE	S	Calm	Calm	20.3	22	42.6	13.7	98.6	5	A.-Cu.	S.-Cu.	9	Ci.-S.	Cu.-N. E
3..	Calm	Calm	Calm	NE	Calm	Calm	8.5	24.7	29.5	16.4	79.1	3	Ci.	S.-Cu.	10	Ci.-S.	Cu.-N. NE
4..	Calm	Calm	NE	NE	NE	Calm	17.5	58.2	82.6	21.5	179.8	7	A.-Cu.	Cu.-N. ENE	8	Ci.-S. E	Cu.-N. ENE
5..	Calm	ENE	NE	NE	NE	Calm	52.5	81.5	57.7	35.9	227.6	9	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Cu.-N. NE
6..	Calm	Calm	Calm	NNE	NNE	N	25.5	50.4	78.6	56.9	211.4	7	Ci.-S.	Cu.-N. NE	9	Ci.-S.	Cu.-N. ENE
7..	Calm	NE	NE	ENE	NE	NE	35.7	82.4	84.3	45.1	247.5	6	A.-Cu.	Cu.-N.	6	Ci.-S.	Cu. E
8..	Calm	Calm	NE	SE	NE	NE	18.8	72.1	61.7	29.5	182.1	8	A.-Cu. SE	Cu.	9	Ci.-S.	Cu.-N. ENE
9..	Calm	Calm	NNE	N	NE	Calm	21.2	46.4	43.5	49.4	160.5	10	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.-N. NEbyE
10..	Calm	Calm	ENE	N	NE	Calm	16.1	65.7	45.3	33.6	160.7	10	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Cu.-N. NEbyE
11..	Calm	Calm	Calm	Calm	NW	Calm	22	32.7	27.4	25.2	107.3	10	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Cu.-N. NE
12..	NE	NE	NE	NNE	NE	NE	23.6	76.7	72.2	45.6	218.1	8	Ci.-S. SE	Cu.-N.	8	A.-Cu. SEbyE	Cu.-N. E
13..	NE	N	NE	SE	NNE	Calm	24.7	66.5	71	27.9	190.1	8	Ci.-S.	Cu.	8	A.-Cu.	Cu. E
14..	Calm	Calm	NE	SSW	Calm	NE	19.5	24.1	35.7	24.1	103.4	10	Ci.-S.	Cu.-N. SSE	10	Ci.-S.	Cu.-N. ENE
15..	Calm	Calm	SW	SE	Calm	Calm	13.9	36.4	35.1	11.5	96.9	6	Ci.-S.	cu.-N. NEbyE	10	Ci.-S.	Cu.-N. ENE
16..	Calm	Calm	Calm	Calm	Calm	Calm	15.6	17.1	28.7	13.1	74.5	10	Ci.-S.	cu.-N. ENE	10	Ci.-S.	Cu.-N. ENE
17..	N	Calm	Calm	Calm	Calm	Calm	18.5	16.4	31.1	25.9	91.9	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. ENE
18..	Calm	Calm	NE	Calm	Calm	Calm	19.1	52.3	27.6	13.4	112.4	10	.....	N.	10	Ci.-S.	Cu.-N. ENE
19..	Calm	Calm	Calm	E	Calm	Calm	14	15.1	30.1	6.7	65.9	9	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Cu.-N.
20..	Calm	Calm	SW	S	Calm	Calm	10.3	24.7	63	18	116	8	A.-Cu.	Cu.	5	Ci.-S.	Cu.
21..	Calm	Calm	S	S	Calm	Calm	14.2	23.1	44.6	12.1	94	9	Ci.-S.	S.-Cu.	7	Ci.-S.	Fr.-Cu.
22..	Calm	Calm	W	SSE	Calm	Calm	13.9	23.1	47.7	7.5	92.2	7	Ci.	Cu.	8	Ci.-S.	Cu. ENE
23..	Calm	Calm	WSW	S	Calm	Calm	9.5	25.4	39.4	16.6	90.9	9	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. ENE
24..	Calm	Calm	Calm	SE	Calm	Calm	18.2	26.6	42	13.7	100.5	6	Ci.-S.	Cu. E	9	Ci.-S.	Cu.-N. E
25..	Calm	NE	SE	SE	E	Calm	16.6	52.9	62.3	12.6	144.4	8	Ci.-S.	Cu.-N. E	8	ci.-S. swbyW	Cu.-N. E
26..	Calm	Calm	W	S	ENE	Calm	14.3	25.1	44.5	21.4	105.3	9	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
27..	Calm	Calm	SW	SE	NE	Calm	16.7	32.7	55.5	32.4	137.3	6	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N. E
28..	Calm	Calm	SW	ESE	Calm	Calm	25.4	46.2	81.6	17.2	170.4	8	A.-Cu.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
29..	Calm	Calm	Calm	S	E	Calm	17.1	13.4	57.1	27.2	114.8	10	Ci.-S.	Cu.-N.	10	A.-Cu. E	Cu.-N. ENE
30..	N	N	SW	S	Calm	Calm	25.1	30.6	47.2	25.2	128.1	4	Ci.	Cu.	5	Ci.	Cu. EbyN
31..	Calm	Calm	W	SW	NE	NE	15.5	25.4	45.4	30	116.3	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu. E
Mean	.....	.....	.....	.....	.....	.....	19.5	39.1	49.8	24.3	132.7	8	.....	.....	8.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,112.9	.....	.....	.....	.....	.....	.....

ORMOC.

[$\phi = 11°\ 00'$ N; $\lambda = 124°\ 36'$ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

FEBRUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.40	58.59	59.24	56.89	58.16	59.27	58.42	21.4	20.6	28.5	29	25.5	24.2	24.9	30.3	20.4	94	96	67	71	92	97	86.2	2.4
2..	57.98	58.39	59.15	56.86	57.90	59.60	58.31	23.7	23.2	26.8	29	27.6	24.4	25.8	31	22.9	97	97	78	68	71	91	83.7	.8
3..	58.07	58.63	60.01	58.16	59.16	60.94	59.16	23.4	24.9	28.7	29.2	25.5	26.5	26.4	30.4	22.4	88	76	69	64	74	66	72.8	1.3
4..	59.80	59.67	61.05	59.23	60.20	61.48	60.24	25	24.9	28.8	31.2	27	26	27.2	31.7	23.8	79	75	59	58	65	68	67.3	.....
5..	60.39	60.84	61.78	59.88	60.82	62.23	60.99	24	23.2	30.4	32.5	27.8	25.6	27.2	33	22.8	82	86	56	52	65	78	69.8	2
6..	61.16	61.38	62.24	60.54	61.28	62.21	61.47	23.6	22.5	29.8	30.3	27.2	26.1	26.6	32	21.9	93	94	55	62	65	77	74.3	10.1
7..	60.95	61.26	62.25	60.07	60.81	62.16	61.25	24.4	23.5	28.2	29.4	26.9	24.5	26.2	29.9	23	91	96	69	68	72	89	80.8	1.6
8..	60.97	61.22	61.94	60.02	60.49	61.61	61.04	23	22.4	26.6	27.9	26.1	23.9	25	29.1	22	95	96	86	79	80	96	88.7	2.9
9..	60.74	60.72	61.50	59.29	60.13	61.16	60.59	23.3	22.6	27.8	27.9	25.9	24	25.2	30.9	22.4	98	98	71	84	90	93	89	5.6
10..	59.94	60.60	61.63	59.39	60.50	61.37	60.57	22.8	22.4	27	29.4	24	23	24.8	30	21.8	97	96	75	71	98	97	89	11.2
11..	59.97	60.36	61.23	59.01	60.06	61.36	60.33	24.8	23.2	27.2	27.6	25.4	24.5	25.4	30.1	22.5	80	91	77	76	80	92	82.7	.8
12..	60.52	60.60	61.51	59.50	60.45	61.42	60.67	22.9	22.3	27.4	28.7	24.4	22.4	24.7	30.9	21.5	93	96	77	79	97	96	89.7	17.8
13..	60.20	60.42	61.33	59.20	60.30	61.30	60.46	21.4	21.2	26.9	28	24.8	24.2	24.4	29.9	20.9	99	99	83	84	97	94	92.7	15.1
14..	59.76	59.87	61.05	59.05	59.78	61.20	60.12	24	23.6	24.6	26.6	26.2	24.4	24.9	27.4	23.3	94	97	94	91	82	85	90.5	4.8
15..	60.21	60.40	61.60	58.92	60.10	61.69	60.49	26.5	25	27.7	31.8	25.9	24.4	26.9	33	23.3	69	81	79	58	88	97	78.7	2.1
16..	59.87	60.50	61.20	58.96	59.35	60.55	60.07	22.9	23.4	27.2	27.6	26.6	24.2	25.3	30.1	22.5	99	95	79	81	74	91	86.5	1.5
17..	58.72	59.86	60.61	57.95	58.26	59.70	59.18	23	22	27.9	28.5	27	24.3	25.4	31	21.7	98	96	72	75	79	88	84.7	.5
18..	58.39	58.34	59.43	56.89	57.31	58.76	58.19	23.3	23	28	30.3	26.7	24	25.9	31.7	22.8	96	98	76	63	74	94	83.5	.....
19..	57.47	57.98	58.84	56.77	57.98	59.12	58.03	23.2	21.6	27.9	31	28	23.8	25.9	31.4	21.4	97	97	77	68	77	92	84.7	.....
20..	58.29	58.66	59.79	57.80	58.70	59.81	58.84	22.6	21.8	28.8	30.6	27.2	23.9	25.8	31.4	21.4	97	96	75	64	85	91	84.7	.....
21..	59.48	59.79	60.70	59.04	59.90	61.14	60.01	23.2	23.3	28.2	28.6	26.9	24.4	25.8	29.3	22.4	97	96	66	66	75	91	81.8	.5
22..	59.91	59.91	60.95	59.26	59.55	60.57	60.02	23.8	23.4	25.8	26.5	24.9	23.8	24.7	27.7	23.1	96	97	87	86	92	95	92.2	6.7
23..	59.58	59.38	59.88	58.28	58.46	59.43	59.17	23.4	22.9	27.4	26	24.4	23.8	24.6	30.2	22.7	99	99	85	94	97	98	95.3	17.4
24..	57.55	58.57	59.35	57.33	57.81	59.39	58.33	23.5	22.8	27.4	30.2	27.7	23.3	25.8	30.8	21.4	97	97	81	67	71	89	83.7	.....
25..	58.09	58.61	59.35	57.30	58.04	59.19	58.43	20.8	20.8	28.4	27.1	26.4	23	24.4	30	19.5	95	91	68	83	89	95	86.8	2.8
26..	58.38	58.37	58.69	56.75	57.26	58.69	58.02	21.1	19.9	28.2	30.4	26.7	23.9	25	31.5	19.5	98	97	70	59	76	91	81.8	.....
27..	57.19	57.78	58.34	56.22	56.78	57.46	57.30	21.5	22.4	29	31.2	28.2	24.4	26.1	32	21.1	95	95	65	49	66	83	75.5	.....
28..	56.35	57.14	57.88	56.69	57.10	58.27	57.24	21.9	21	29.7	28.1	28.1	25	25.6	30.5	20.8	95	95	67	83	82	94	86	1
Mean	59.23	59.57	60.45	58.40	59.17	60.40	59.53	23.2	22.6	27.9	29.1	26.4	24.3	25.6	30.6	22	93.1	93.7	73.7	71.5	80.5	89.6	83.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	108.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	Calm	S	Calm	Calm	19.9	38.6	49.3	14.3	122.1	5	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
2..	Calm	Calm	SW	SW	Calm	Calm	13.7	35.4	45.7	13.5	108.3	10	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
3..	Calm	NE	SE	E	E	ESE	24.6	38.4	67	33	163	8	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
4..	Calm	Calm	SW	SE	Calm	ESE	19.6	33.8	59.7	29.6	142.7	9	Ci.-S. S	Cu.-N. E	8	A.-Cu. S	Cu. E
5..	Calm	Calm	NE	ESE	Calm	Calm	17.7	42.1	80.5	14.2	154.5	5	Ci.-S.	S.-Cu.	7	Ci.	Cu. E
6..	Calm	Calm	ENE	ENE	ENE	NE	17.2	31.9	76.2	47.8	173.1	6	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu. E
7..	Calm	Calm	N	SE	ESE	Calm	28.8	36.5	72.2	27.1	164.6	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
8..	E	Calm	Calm	S	Calm	Calm	17.7	32.7	36.7	14	101.1	8	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
9..	Calm	Calm	SW	Calm	Calm	Calm	14.2	35.9	37	14.3	101.4	8	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. ENE
10..	Calm	Calm	Calm	SE	WNW	Calm	9.5	13.9	39.7	18.5	81.6	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. ENE
11..	Calm	Calm	S	SE	SE	Calm	22.2	41.8	44.6	21.2	129.8	9	Ci.-S.	Cu.-N. EbyN	10	Ci.-S.	Cu.-N.
12..	Calm	Calm	N	NW	Calm	Calm	19.5	26.9	39.7	19.9	106	9	A.-Cu.	S.-Cu.	9	Ci.-S.	Cu.-N.
13..	Calm	Calm	Calm	WNW	Calm	Calm	19.3	22	32	21.7	95	10	Ci.-S. EbyS	Cu.-N. ENE	10	A.-Cu. ENE	Cu.-N. NEbyE
14..	Calm	Calm	Calm	WNW	Calm	NE	27.9	27.1	22.3	21.5	98.8	10	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.-N. E
15..	NE	Calm	SW	SE	Calm	Calm	28.7	36.8	60	13.9	139.4	8	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.-N. E
16..	SE	NW	Calm	Calm	E	Calm	19.9	39.2	67	22.2	148.3	8	Ci.-S.	Cu.-N. E	8	A.-Cu.	Cu.-N. E
17..	Calm	Calm	NE	Calm	NE	Calm	19.5	26.4	71.3	11.9	129.1	5	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N.
18..	Calm	Calm	Calm	SE	Calm	Calm	14.5	38.1	68.2	12.6	133.4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. ESE
19..	Calm	Calm	SSE	SE	Calm	Calm	15.9	23.9	87.4	17.7	144.9	6	Ci.-S.	S.-Cu.	8	ci.-s. SEbyS	Fr.-Cu.
20..	Calm	Calm	SW	WNW	Calm	Calm	13.2	36	41.3	10.5	101	4	Ci.-S. SSE	Fr.-Cu.	8	Ci.-S.	Cu. NW
21..	Calm	Calm	Calm	NE	Calm	Calm	9.5	31.6	64.9	11.3	117.3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. NEbyE
22..	Calm	Calm	NW	WNW	Calm	Calm	9.1	28.2	43.3	14	94.6	8	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Cu.-N.
23..	Calm	Calm	Calm	N	Calm	Calm	12.6	20.3	27.9	12.3	73.1	8	A.-Cu.	cu.-n. nebye	10	Ci.-S.	N.
24..	N	Calm	Calm	SW	SE	Calm	18.3	18.5	47.3	30.8	114.9	8	A.-Cu. EbyS	Cu.-N. E	6	Ci.-S.	Cu. E
25..	Calm	E	NE	Calm	Calm	Calm	23.1	29.6	30.4	14.7	97.8	4	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N. ENE
26..	Calm	Calm	S	NE	ESE	Calm	19.8	31.6	66.2	21.4	139	4	Ci.	Cu. E	9	Ci.-S.	Cu.-N. E
27..	Calm	Calm	NE	NE	Calm	Calm	21.5	49.9	64.1	23.9	159.4	9	Ci.-S.	Cu.-N. ENE	4	Ci.	Cu. ENE
28..	Calm	Calm	SW	Calm	Calm	Calm	19.6	31.9	27.7	12.3	91.5	5	Ci.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
Mean	.....	.....	.....	.....	.....	.....	18.5	32.1	52.5	19.3	122.3	7.6	.....	.....	8.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,425.7	.....	.....	.....	.....	.....	.....

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

MARCH, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.47	58.02	59.27	57	57.18	58.22	57.86	24.5	22.6	24.6	25.9	26.5	25.9	25	28.2	22.3	92	97	88	91	73	76	86.2	3.5
2..	57.63	57.92	58.49	56.49	56.80	58.34	57.61	24.8	25.4	28.5	29.8	26.8	23.8	26.5	32.1	22.6	83	79	64	60	88	92	77.7	5.3
3..	57.07	58.13	59.01	56.89	57.11	58.56	57.80	23.9	23.7	27.2	30	27.6	24.2	26.1	31	23.3	92	97	86	73	73	97	86.3	6.2
4..	57.08	56.98	58.36	56.09	56.86	58.80	57.36	23.5	22.6	26.6	28.8	27	24.8	25.6	30.4	22.4	96	98	83	75	81	97	88.3	13.7
5..	57.97	58.58	58.23	56.48	57.32	58.98	57.92	24	23.5	24.8	26.8	27.2	24.8	25.2	28.2	23.2	97	99	92	83	80	83	89	1.3
6..	57.95	58.70	59.31	56.91	57.35	58.52	58.12	22.9	20.9	28.1	32.1	28.2	25.8	26.3	32.6	20.6	87	95	70	52	69	84	76.2	.....
7..	57.28	58.37	59.45	57.20	57.40	58.80	58.08	24.9	23.9	29.2	30.4	28.2	26.4	27.2	32.5	23.4	88	95	74	59	66	72	75.7	.3
8..	57.38	57.67	58.24	56.18	56.57	57.78	57.30	23.1	22.4	29.8	32.5	28.9	25	27	32.8	21.6	90	91	58	49	62	80	71.7	.....
9..	56.96	57.52	58.53	56.61	57.37	58.81	57.63	23	22.4	28	31.3	28.4	24	26.2	32.7	22.1	90	95	75	58	64	86	78	.....
10..	58.20	58.78	59.34	57.13	57.09	58.57	58.18	21.9	22.4	28.5	31.4	28.8	26.9	26.6	32.2	21.3	94	91	75	58	65	70	75.5	.....
11..	57.66	58.30	58.67	56.68	57.05	58.20	57.76	24.4	25.5	30.4	32.2	29	25.1	27.8	33	24	86	75	51	48	63	80	67.2	.5
12..	57.41	57.76	58.73	56.71	57.27	58.06	57.66	24.5	22.9	29.2	32	28.2	26	27.1	32.4	22.5	91	96	60	48	65	75	72.5	.....
13..	57.38	57.98	58.96	57.08	58.10	59.75	58.21	23	21.9	27.6	31.9	27.8	23.5	26	32.5	21.6	87	94	79	54	74	97	80.8	13.2
14..	58.63	58.74	59.49	58.61	59.06	60.30	59.14	23.4	23	27.7	26.8	25.4	23.6	25	30.1	22.8	97	99	77	86	88	97	90.7	8.2
15..	59.56	60.34	61.62	59.43	59.95	60.80	60.28	23.6	22.9	26	29.1	26.9	23.1	25.3	29.9	22.5	98	99	83	70	75	91	86	1.6
16..	59.78	60.20	60.36	58.09	59.27	60.10	59.63	22.2	21.8	28.4	28.6	25.4	23.2	24.9	30.6	21.4	96	95	71	73	91	96	87	9.9
17..	59.22	59.68	60.40	58.52	58.94	60.32	59.51	22.8	22.2	28	28	26	23	25	30.6	21.8	92	96	70	83	91	98	88.3	3.9
18..	58.87	59.66	60.50	58.52	58.78	60.27	59.43	22.4	21.6	28.1	29.8	27.6	24.2	25.6	31.4	21.3	96	96	73	68	76	90	83.2	.5
19..	58.69	59.68	59.85	58.18	58.39	60.10	59.15	22.2	21.9	28.6	29.6	28.4	24.3	25.8	31.6	21.4	98	97	73	66	67	85	81	.....
20..	59.07	59.54	60.29	58.06	58.94	60.20	59.35	22.4	21	28.4	31.2	26.1	23.9	25.5	32.1	20.9	95	98	69	65	88	92	84.5	21.1
21..	59.37	59.68	60.73	59.77	59.76	60.97	60.05	23	22.9	28.7	24	24.9	24.2	24.6	31.1	22.6	96	96	75	98	94	93	92	38.4
22..	60.32	60.65	61.49	59.31	59.54	60.72	60.34	23.3	22.4	29.6	30.4	28.4	24.6	26.4	31.6	22.2	96	96	61	69	67	88	79.5	.....
23..	59.75	59.75	60.50	59.50	59	59.76	59.71	22.4	22.5	28.8	26	26.4	23.2	24.9	30.6	21.4	91	95	71	89	80	96	87	2.1
24..	59.22	59.23	60.18	58.04	58.88	60.42	59.33	21.9	21.7	30	30.3	27.8	24.4	26	31	21.4	96	96	58	70	67	82	78.2	.....
25..	59.37	59.87	60.59	58.97	59.45	60.19	59.74	21.9	21.6	28.2	25.3	26.4	25.4	24.8	30.1	21	92	92	68	82	72	75	80.2	2.3
26..	59.53	59.52	59.99	57.80	58.86	60.25	59.32	23.8	21.9	28.6	30.6	27.6	23	25.9	31.5	21.7	87	97	68	63	69	90	79	.....
27..	59.69	59.96	60.70	58.92	59.54	60.89	59.95	22	21.8	27.7	31.9	28.7	25.4	26.2	33	20.9	95	96	73	54	65	77	76.7	.....
28..	59.90	60.27	61.23	59.31	60.32	61.75	60.46	22.1	22.5	29	33.6	29	27	27.2	34	21.3	92	82	65	47	63	73	70.3	.5
29..	60.70	60.90	62.05	59.90	59.89	61.72	60.86	24.8	24.1	26.7	27.6	27.1	23.6	25.6	30	22.3	92	94	83	79	81	93	87	1.6
30..	60.25	60.67	61.08	58.18	58.69	60.31	59.86	22.3	20.7	28.4	30.6	29.6	26	26.3	32	20.4	96	96	79	68	70	72	80.2	.....
31..	59.29	60.02	60.85	58.18	58.80	60.25	59.56	22	20.8	28.7	30.6	27.5	24.5	25.7	32.2	20.6	95	96	69	68	81	87	82.7	.....
Mean	58.67	59.13	59.89	57.89	58.37	59.70	58.94	23.1	22.5	28.1	29.6	27.5	24.6	25.9	31.4	21.9	92.7	94.1	72.3	67.9	74.5	85.9	81.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	134.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	W	Calm	SE	Calm	NE	NE	18	32	35.7	31.4	117.1	8	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.-N.
2..	N	NE	NE	NE	Calm	Calm	32.7	45.3	43.8	21.1	142.9	10	Ci.-S.	Cu.-N. ENE	10	A.-Cu. SE	Cu.-N. E
3..	Calm	Calm	Calm	SE	Calm	Calm	16.4	25.7	51.5	12.9	106.5	10	Ci.-S.	Cu.-N. E	10	A.-Cu. E	Cu.-N. E
4..	Calm	Calm	Calm	Calm	Calm	Calm	16.7	20.6	28.7	12.1	78.1	6	Ci.-S. ESE	Cu.-N. E	10	Ci.-S.	Cu.-N. E
5..	Calm	Calm	Calm	Calm	Calm	NE	14.8	19.6	25.4	41.2	101	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N.
6..	Calm	Calm	W	NE	NE	Calm	26.2	28	57.9	17.7	129.8	4	A.-Cu.	S.-Cu.	7	Ci.-S.	Cu. E
7..	N	Calm	S	NE	NE	Calm	17.7	29	76.6	29.6	152.9	10	Ci.-S.	Cu.-N. ENE	5	Ci.-Cu. E	Cu. NEbyE
8..	Calm	Calm	SW	SE	Calm	Calm	18.2	55	85.9	20.9	180	7	Ci.-S.	Cu.-N. ENE	5	Ci.	Cu. E
9..	Calm	Calm	Calm	SE	SE	Calm	23.9	31.7	78.4	18.2	152.2	5	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu. EbyN
10..	Calm	ESE	S	ENE	NE	NE	23.3	37.6	75.8	45.9	182.6	10	Ci.-S.	Cu.-N.	9	A.-Cu. E	Cu.
11..	N	NE	ENE	ENE	Calm	Calm	39.9	56	76.2	27.1	199.2	9	Ci.-S.	Cu.-N. ENE	6	Ci.-S.	Cu. EbyN
12..	Calm	Calm	SE	SE	Calm	Calm	20.4	41	78.9	17.4	157.7	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu. EbyN
13..	Calm	Calm	S	SE	Calm	Calm	22.5	35.2	52.3	15.1	125.1	8	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu. E
14..	Calm	Calm	SW	SE	Calm	Calm	12.4	38.4	41	19.8	111.6	10	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.-N. EbyN
15..	Calm	Calm	Calm	SE	Calm	Calm	20.9	31.1	39.9	21.7	113.6	9	A.-Cu. E	Cu.-N.	10	Ci.-S.	Cu.-N. NE
16..	Calm	Calm	SSE	S	Calm	Calm	17.7	26.4	34.8	23.1	102	5	A.-Cu.	S.-Cu.	10	Ci.-S.	Cu.-N. E
17..	Calm	Calm	SW	S	N	Calm	17.9	28.8	39.4	28.2	114.3	7	A.-Cu. E	S.-Cu.	8	Ci.-S.	Cu.-N. ENE
18..	Calm	Calm	SW	S	N	Calm	25.7	26.6	38.1	16.4	106.8	4	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N. EbyN
19..	Calm	Calm	SW	SE	Calm	Calm	16.4	51	66.2	24.1	157.7	9	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
20..	Calm	Calm	Calm	S	Calm	Calm	20.9	27.7	42.8	18.3	109.7	4	Ci.	S.-Cu.	8	A.-Cu. NNE	Cu.-N. E
21..	SE	Calm	Calm	Calm	Calm	Calm	19.9	26.2	19.9	19.8	85.8	8	Ci.-S.	S.-Cu.	10	Ci.-S.	N.
22..	Calm	Calm	NE	S	NE	Calm	17.9	25.2	42	25.7	110.8	7	A.-Cu.	Cu.-N. NEbyE	9	Ci.-S.	Cu.-N. NE
23..	Calm	Calm	ENE	SE	Calm	Calm	16.6	50.9	60.4	18	145.9	8	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.-N. NEbyE
24..	Calm	Calm	NNE	S	SE	E	23	37.3	45.7	33.2	139.2	3	Ci.	S.-Cu.	7	Ci.-S.	Cu. EbyN
25..	Calm	Calm	SW	N	NE	NE	24.9	35.7	44.5	42.6	147.7	5	Ci.	Cu.	10	Ci.-S.	Cu.-N. EbyN
26..	Calm	Calm	SW	SE	Calm	Calm	16.3	36.2	73	22	147.5	9	Ci.-S.	Cu.-N. E	6	A.-Cu.	Cu. ENE
27..	Calm	Calm	S	SE	Calm	Calm	19.9	38	73.8	25.7	157.4	8	A.-Cu. E	S.-Cu.	8	A.-Cu. E	Cu. NNE
28..	Calm	Calm	SW	NNE	NE	NE	29.8	44.9	62.8	29	166.5	3	Ci.	Cu.	6	Ci.	Cu. E
29..	Calm	Calm	SE	Calm	Calm	Calm	13.1	41.3	33.2	13.9	101.5	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. EbyN
30..	Calm	Calm	SW	SW	Calm	Calm	19.3	24.1	32.5	36.8	112.7	6	Ci.-S. SSW	Cu.	6	Ci.-S. SbyW	Cu. NE
31..	NE	NE	Calm	S	Calm	N	22.7	29.8	42.3	23.5	118.3	4	Ci.	S.-Cu.	7	Ci.-S.	Cu. NE
Mean	.....	.....	.....	.....	.....	.....	20.8	34.7	51.6	24.3	131.4	7.3	.....	.....	8.3	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,074.1	....	.....	.....	....	.....	.....

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

APRIL, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.84	60.25	60.33	58.10	58.78	60.19	59.58	22.6	22	28.6	29.8	28.4	24.6	26	31.2	21.7	97	96	75	74	82	89	85.5	1.3
2..	58.97	59.07	59.68	57.44	58.50	59.84	58.92	23.2	22.9	28.8	30.6	27.8	24.9	26.4	31.6	22.7	96	97	75	72	76	84	83.3	3.9
3..	58.34	59.15	59.64	57.63	58.52	59.80	58.85	22.7	22	29.6	31.9	27.4	21.6	25.9	32.6	20.8	97	96	70	49	61	87	76.7	.....
4..	59.14	59.37	59.64	57.77	58.12	59.89	58.99	20.4	19.8	29	30.2	29.4	26.6	25.9	32.4	19.4	95	94	71	66	66	79	78.5	7.6
5..	59.05	59.51	59.94	57.60	58.20	59.41	58.95	24.7	24.4	28.5	29.7	28.6	25.6	26.9	31.5	24	96	97	78	72	69	86	83	.....
6..	58.50	58.57	59.24	58.47	58.51	59.56	58.81	24	23.7	29.5	25.4	24.5	23.8	25.2	31.1	22.7	91	95	66	94	98	97	90.2	21.8
7..	58.49	58.60	59.16	56.77	57.70	59.07	58.30	22.9	22.9	28.3	31.1	27	25.4	26.3	31.8	22.4	99	99	77	64	86	96	86.8	.....
8..	57.66	57.87	58.49	56.63	57.24	58.77	57.78	24	23.7	29	30.4	28	27.3	27.1	31.3	23.4	97	96	78	68	84	72	82.5	.3
9..	57.76	57.89	59.04	57.21	57.80	59.36	58.18	25.2	23.3	30.8	31.6	29.1	26.8	27.8	32.8	23.1	89	96	65	56	60	68	72.3	.8
10..	57.82	58.68	59.64	57.57	57.97	58.87	58.42	23.3	21.4	29	29.3	29	26.8	26.5	32.2	21.1	88	91	72	75	68	74	78	.....
11..	57.67	57.82	58.61	56.16	56.75	58.09	57.52	23.4	22.2	28.6	31.6	29.4	26.3	26.9	32.4	21.9	91	97	68	57	59	76	74.7	.....
12..	57.28	57.56	58.41	56.17	56.55	58.21	57.36	22.8	21.6	29	33	29.2	22	26.3	33.4	20.4	92	96	71	42	45	79	70.8	.....
13..	57.77	58.27	59.22	57.51	57.84	59.27	58.31	19.9	19.1	28.2	31.4	27.9	26.2	25.4	32.5	18.8	92	94	74	63	84	76	80.5	5.1
14..	58.60	59.15	59.53	57.49	58.29	60.26	58.89	21.6	20.4	29.8	31.8	29.2	26.5	26.6	32.5	20.1	94	96	64	61	74	74	77.2	.....
15..	59.13	59.27	59.58	56.98	57.37	59.05	58.56	22.9	21.9	28.8	31	28.7	24	26.2	32	21.4	91	96	73	65	71	91	81.2	.....
16..	58.39	58.53	58.41	56.47	57.05	58.51	57.89	21.9	21.2	29	32.2	29.1	26.5	26.6	33	20.9	91	95	76	64	73	74	78.8	.....
17..	57.88	58.66	59.04	57.02	57.35	58.85	58.13	23	21	29	31.9	29	24.4	26.4	32.6	20.8	91	96	70	61	76	91	80.8	.....
18..	58.09	58.82	59.34	56.76	57.13	58.96	58.18	22.4	21.6	29.5	31.6	30.2	26.9	27	33.1	21.3	95	96	70	63	61	75	76.7	.....
19..	58.15	58.91	59.23	56.82	57.15	58.79	58.18	25.8	21.1	28.8	31.6	29.5	25.1	27	33.4	20.7	66	94	69	62	56	84	71.8	.....
20..	58.07	58.79	58.68	56.32	57	58.36	57.87	22.9	22.4	30	31.6	28.9	23.9	26.6	34.2	21.9	91	96	65	65	63	87	77.8	.....
21..	57.17	57.68	58.63	56.42	56.90	58.60	57.57	21.9	21.9	29.9	29.1	28.9	26.8	26.4	31.9	20.9	91	92	71	78	67	78	79.5	1.5
22..	57.71	57.87	58.53	56.61	57.34	58.38	57.74	24.4	23.8	29.8	33	28.9	24.2	27.4	33.8	22	92	95	72	55	61	80	75.8	.....
23..	57.10	57.10	57.93	56.48	56.95	58.60	57.36	21.8	21.4	28.5	31.8	29.2	26	26.4	32.6	20.9	87	93	75	66	63	72	76	.....
24..	57.97	58.40	59.05	56.90	57.38	59.03	58.12	22.4	21.9	29.9	31.9	29	27	27	33	21.6	95	94	71	66	81	76	80.5	1.3
25..	58.06	58.43	59.14	57.11	58.10	59.30	58.36	23.6	23.3	29.9	31.4	25	24.3	26.2	32.4	22.9	96	96	69	71	98	97	87.8	17.3
26..	57.97	58.06	58.74	56.80	57.29	58.36	57.87	22.6	21.8	29.4	30.4	28.9	26.5	26.6	31.2	21.6	98	97	71	73	82	91	85.3	.....
27..	57.46	57.82	58.73	56.53	57.08	58.67	57.72	24.4	25.2	29.3	31.3	30.4	25.4	27.7	32.3	23.9	96	92	76	68	66	92	81.7	.....
28..	57.67	57.97	58.42	56.57	56.83	58.09	57.59	23.7	22.9	29.4	29.5	29.3	25	26.6	32.3	22.4	96	96	75	76	77	91	85.2	.....
29..	57.27	57.74	57.93	55.66	56.28	57.66	57.09	23.6	22.9	29.2	31.8	29.1	26.2	27.1	32.9	22.6	97	97	73	70	80	88	84.2	.....
30..	56.67	57.34	58.13	56.17	56.68	58.12	57.18	23.6	22.4	30.2	31.6	30	24.8	27.1	32.8	22	95	97	71	66	69	83	80.2	.....
Mean	58.06	58.44	59	56.94	57.49	58.93	58.14	23.1	22.2	29.2	31	28.6	25.4	26.6	32.4	21.7	92.7	95.4	71.7	66.1	71.9	82.9	80.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	60.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	SE	S	Calm	Calm	20.3	26	27.7	19.3	93.3	5	A.-Cu.	E S.-Cu.	8	Ci.-S.	Cu.-N. ENE
2..	Calm	Calm	Calm	S	Calm	Calm	21.5	24.1	41.8	23.6	111	4	Ci.	S.-Cu.	6	A.-Cu.	E Fr.-Cu.
3..	Calm	Calm	SW	NE	Calm	NE	20.6	36.2	60.2	25.1	142.1	6	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu. NEbyE
4..	N	Calm	SW	S	NW	Calm	26	25.1	43.3	28.7	123.1	7	Ci.-S.SWbyS	S.-Cu.	9	Ci.-S.	Cu.-N. ENE
5..	Calm	Calm	SE	SE	Calm	Calm	14.7	36.2	56	11.5	118.4	10	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
6..	Calm	Calm	SE	Calm	Calm	Calm	20.1	46.2	23	13.7	103	8	Ci.-Cu. E	S.-Cu.	10	Ci.-S.	cu.-N. EbyN
7..	Calm	Calm	NW	S	Calm	Calm	12.9	22.2	44.6	11.6	91.3	10	A.-Cu. E	Cu.-N. E	7	Ci.-S.	Cu.-N. ESE
8..	Calm	Calm	Calm	S	Calm	Calm	17.4	26	52.9	29.6	125.9	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. ENE
9..	E	E	SSE	ESE	Calm	E	23	48.1	54.4	32.5	158	7	Ci.-S.	cu.-N. EbyS	10	Ci.-S.	Cu.-N. ESE
10..	E	NE	NE	NNW	Calm	E	30.3	28.2	64.1	25.7	148.3	4	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N.
11..	E	Calm	ESE	SE	SE	Calm	21.7	42.1	93.9	23.5	181.2	5	Ci.	S.-Cu.	4	A.-Cu.	Cu.
12..	Calm	E	SW	ESE	E	NE	23.1	31.6	72.4	37	164.1	4	Ci.-S. W	Cu.	4	Ci.	Cu.
13..	NE	NE	N	S	Calm	Calm	31.2	27.4	38.9	27.2	124.7	4	Ci.-S.	S.-Cu.	6	Ci.-S.	Fr.-Cu.
14..	Calm	Calm	W	S	Calm	E	26.6	30	57.4	34.9	148.9	8	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu. ENE
15..	Calm	Calm	Calm	SE	Calm	Calm	21.9	25.4	62.2	14.5	124	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Fr.-Cu.
16..	Calm	Calm	SE	S	Calm	E	23.5	22.5	68.6	22.2	136.8	4	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu. NE
17..	Calm	NE	NE	S	SE	Calm	26.8	26.4	76.9	23	153.1	7	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu. NEbyE
18..	Calm	Calm	SW	S	NE	NE	22.3	29.8	99.3	33.8	185.2	4	Ci.-S.	S.-Cu.	5	Ci.	Cu. NEbyE
19..	NE	NNE	SW	S	E	Calm	31.6	35.1	88.7	16.6	172	4	Ci.	Cu.	4	Ci.	Cu.
20..	Calm	Calm	NW	SSW	E	Calm	25.7	36.2	63.6	19.1	144.6	9	Ci.-S.	Cu.-N. E	6	Ci.	Cu. E
21..	Calm	Calm	SE	NW	SE	Calm	25.9	43.5	43.5	39.4	152.3	4	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N. E
22..	Calm	Calm	S	SE	E	Calm	15.5	51.3	92	32.7	191.5	6	Ci.-S.	S.-Cu.	5	A.-Cu.	Cu.
23..	NE	Calm	SE	S	NE	Calm	27.6	32.5	47	30.9	138	9	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu. E
24..	NE	NE	Calm	W	Calm	NE	24.6	37.2	38.8	25.2	125.8	4	A.-Cu.	S.-Cu.	6	Ci.-S.	Cu. NEbyE
25..	NE	Calm	S	S	Calm	Calm	22	44.9	53.1	18.2	138.2	5	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu. ENE
26..	Calm	Calm	Calm	S	Calm	Calm	14.8	28.2	45.1	10.7	98.8	8	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. NE
27..	Calm	SE	Calm	SE	Calm	Calm	18.3	25.7	52.3	13.4	109.7	9	A.-Cu.	S.-Cu.	6	Ci.-S.	Fr.-Cu.
28..	Calm	Calm	SE	S	Calm	Calm	16.1	41.8	44.1	16.6	118.6	5	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
29..	Calm	Calm	Calm	S	Calm	Calm	17.7	29.2	58.9	17.9	123.7	4	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu. NNE
30..	Calm	Calm	S	S	Calm	Calm	25.9	38.8	53.7	21.4	139.8	6	Ci.-S.	S.-Cu.	4	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	22.3	33.3	57.3	23.3	136.2	6.3	.....	.....	7.1	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,085.4	.....	.....	.....	.....	.....	.....

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

MAY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.63	57.92	58.94	56.60	57.63	59.28	58	22.4	21.4	28.6	32	30.2	26.8	26.9	33	21.2	91	97	71	60	62	78	76.5	.....
2..	57.56	57.87	59.39	57.39	57.75	59.06	58.17	23.8	22.9	26.8	27.4	28	25.7	25.8	29.6	22.7	91	97	92	89	88	92	91.5	1.3
3..	57.37	57.78	58.13	56.04	57.32	59.28	57.65	24	23	30.1	30.9	29.1	24	26.8	32	22.8	96	98	74	70	64	86	81.3	.....
4..	57.50	58.09	59.33	56.88	57.36	59.33	58.08	21.4	21.5	29.7	31.5	30	27.5	26.9	32.5	20.8	92	95	64	68	64	75	76.3	.....
5..	58.16	58.78	59.13	56.96	57.84	59.56	58.40	23.4	22.2	31.2	31.7	30.7	25.2	27.4	33.4	21.9	92	97	61	62	57	85	75.7	.....
6..	58.62	59	58.72	57.24	58.14	59.15	58.48	23.2	22.6	30	29.6	28.2	25.9	26.6	31.5	22	97	97	71	79	77	90	85.2	.3
7..	58.47	58.46	59.35	56.88	57.99	59.13	58.38	24.9	23.5	29.1	31	29.9	26.4	27.5	32.8	22.9	92	95	76	62	71	84	80	.....
8..	57.98	58.58	59.09	56.96	58.17	59.75	58.42	24.5	23.8	29.4	31	29.3	25.2	27.2	32.9	23.4	92	96	77	67	78	88	83	.....
9..	58.87	59.24	59.41	57.47	58	59.96	58.82	24	23.3	30.6	29.8	29	25.4	27	32.7	22.8	93	97	73	76	81	92	85.3	.....
10..	58.90	59.29	59.47	57.58	58	59.70	58.82	24	23.8	29.9	30.9	26.2	24	26.5	32	22.9	95	93	75	70	92	95	86.7	.8
11..	58.29	58.27	58.59	56.66	57.68	59.17	58.11	22.9	22.6	30	30.4	25.6	23.9	25.9	32.4	22.2	97	98	73	74	92	96	88.3	50.5
12..	58.47	59.19	59.87	57.59	59.30	60.03	59.08	23.9	23.9	29.7	29	26.3	24	26.1	31	23.4	96	99	77	76	86	98	88.7	1.3
13..	59.03	59.69	60.22	58.26	58.89	60.20	59.38	23.1	22.8	29.9	31	28.6	25	26.7	32.3	22.4	98	99	76	76	75	91	85.8	.5
14..	59.56	59.93	60.63	58.13	58.85	60.64	59.62	22.9	22.5	29.9	31	29.8	26.5	27.1	32.8	22.3	97	97	71	68	63	82	79.7	.....
15..	59.90	60.56	60.73	58.52	59.23	60.59	59.92	23.2	22.2	29.6	31.6	29.5	24.8	26.8	32.5	21.9	94	98	71	71	62	87	80.5	.....
16..	59.52	59.98	60.30	57.80	58.73	60.30	59.44	22.6	22.2	29.4	32.6	30.5	28	27.6	34.5	21.4	96	96	71	52	55	70	73.3	.....
17..	59.44	59.76	60.24	58.06	59	60.61	59.52	24.2	22.9	29.4	32.2	29.1	25.3	27.2	33.2	22.6	92	94	78	61	73	88	81	2.3
18..	60.10	60.06	60.54	58.32	58.99	60.43	59.74	23.5	22.6	31.6	32.9	29.3	26.5	27.7	34	22.3	95	98	62	55	70	83	77.2	.....
19..	59.07	59.16	59.62	58.13	58.37	58.90	58.88	24.2	23.8	29.9	24.8	27	25	25.8	31.9	22.9	93	96	72	88	84	91	87.3	3
20..	57.78	57.80	59.03	56.96	58.10	58.95	58.10	24.4	22.9	28.4	31.3	27.4	25.2	26.6	32.6	22.4	91	98	84	66	77	90	84.3	1.3
21..	57.39	57.78	59.46	57.15	57.36	58.88	58	24	23.6	24.7	28	26	23.4	25	29.6	22.5	95	93	98	85	87	96	92.3	22.3
22..	58.29	58.57	59.12	58.06	58.41	59.70	58.69	22.2	22	29.6	25	23.8	23.6	24.4	31.6	21.9	98	99	70	98	99	100	94	26.4
23..	58.83	59.47	59.88	58.69	59.17	60.33	59.40	23.4	21.9	28.7	29.9	26.8	24.9	25.9	32.2	21.8	97	99	77	72	92	94	88.5	2.5
24..	59.24	59.32	59.67	58.03	58.42	59.54	59.04	23.4	22.8	29.3	30	26.8	24.6	26.2	31.9	22.1	96	97	72	73	89	93	86.7	.....
25..	58.33	58.77	58.87	57.42	57.97	59.07	58.40	23.6	22.7	30	30.8	26.8	24.4	26.4	32.2	22.2	94	97	75	63	87	92	84.7	.....
26..	58.79	59.02	59.15	57.48	57.93	59.39	58.63	22.6	22.4	29.8	30.2	29	25.4	26.6	31.7	21.9	98	96	72	70	80	94	85	.....
27..	58.50	59.32	59.67	58.16	58.39	59.31	58.89	24.4	23.9	29.4	30.4	28	24.6	26.8	32.1	23.3	96	96	74	74	85	92	86.2	2.8
28..	58.52	58.68	59.38	57.43	58	59.03	58.51	22.9	22.6	29.2	31.7	28.7	24.8	26.6	32.8	22.3	97	97	74	70	81	92	85.2	.....
29..	58.18	58.69	58.85	56.34	56.96	58.22	57.87	23.4	23.5	29.3	30.7	27.1	25.9	26.6	33	23.2	96	97	71	74	79	93	85	2.3
30..	57.96	58.91	59.30	57.52	58.24	59.61	58.59	24.7	24.6	26	30.8	27.8	26.3	26.7	32	24.3	97	97	94	71	80	83	87	.8
31..	58.41	58.98	59.55	57.91	58.28	59.69	58.80	24.7	23.8	29.5	31.6	28.9	25.9	27.4	32.5	23.4	93	97	75	61	74	92	82	.....
Mean	58.54	58.93	59.47	57.50	58.21	59.57	58.70	23.5	22.9	29.3	30.4	28.2	25.3	26.6	32.3	22.5	94.7	96.8	74.9	71	77.5	89.1	84	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	118.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SE	Calm	Calm	SE	SE	Calm	21.4	22.2	56.9	30.8	131.3	6	Ci.-S. W	S.-Cu.	8	Ci.-S.	Cu.
2..	Calm	Calm	Calm	NE	Calm	Calm	24.6	19.1	29.6	19.6	92.9	7	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N.
3..	Calm	Calm	S	S	Calm	Calm	20.6	44.5	63.1	24.9	153.1	8	Ci.-S.	S.-Cu.	9	Ci.-S.	Fr.-Cu.
4..	Calm	E	Calm	SE	Calm	E	26.9	38.8	59.7	26.8	152.2	5	Ci.	S.-Cu.	5	Ci.	Cu.
5..	NE	Calm	SE	S	SE	Calm	23.1	51	83.7	25.9	183.7	6	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. E
6..	Calm	Calm	S	S	S	Calm	26	62.2	89.6	21.4	199.2	8	Ci.-S. SSW	S.-Cu.	9	Ci.-S.	Cu.-N.
7..	Calm	Calm	SE	S	Calm	Calm	17.2	28.7	51	16.7	113.6	8	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. N
8..	Calm	Calm	Calm	S	Calm	Calm	17.1	25.7	42.3	21.2	106.3	4	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
9..	Calm	Calm	SE	SE	Calm	Calm	23.1	52.6	49.6	17.2	142.5	4	Ci.	S.-Cu.	9	Ci.-S.	Fr.-Cu.
10..	Calm	Calm	SE	SE	Calm	Calm	20.7	48.8	60.2	18.2	147.9	8	Ci.-S.	Cu.-N. S	9	Ci.-S.	Cu.-N.
11..	Calm	Calm	N	S	Calm	Calm	16.4	32.8	54.7	17.2	121.1	8	ci.-s. Ebys	Fr.-Cu.	10	Ci.-S.	Cu.-N.
12..	Calm	Calm	SE	SE	Calm	Calm	29.6	45.1	40.2	15.3	130.2	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Fr.-Cu.
13..	Calm	Calm	SW	S	SE	Calm	18.2	35.1	74.2	24.6	152.1	9	A.-Cu. E	Cu.-N.	7	A.-Cu. E	Fr.-Cu.
14..	Calm	Calm	Calm	S	E	E	22.7	27.9	39.2	32.7	122.5	2	Ci.	S.-Cu.	7	Ci.-S.	Cu. E
15..	Calm	Calm	SW	S	E	Calm	20.9	31.9	85.3	27.9	166	5	Ci.-S. NW	S.-Cu.	7	Ci.-S.	Cu. EbyN
16..	Calm	NE	SE	S	NE	Calm	25.1	29.6	54.1	21.2	130	2	Ci.	Cu.	5	Ci.	Cu. E
17..	Calm	Calm	E	N	Calm	Calm	19.1	28.8	31.4	26.6	105.9	4	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. E
18..	NE	Calm	SE	SE	Calm	Calm	25.1	60.4	56.9	23.9	166.3	9	ci.-s. wbys	Cu.-N.	7	Ci.-S.	Cu. E
19..	Calm	E	SE	NW	Calm	Calm	17.9	32.7	38.6	25.2	114.4	4	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
20..	Calm	Calm	SE	Calm	Calm	Calm	24.9	30.8	37.5	17.7	110.9	5	Ci.-S. SW	S.-Cu.	10	ci.-s. swhyw	Cu.-N.
21..	Calm	Calm	ENE	NW	Calm	Calm	21.9	26.2	40.2	22	110.3	5	A.-Cu.	Cu. E	9	Ci.-S.	Cu.-N. E
22..	Calm	Calm	Calm	NW	SE	Calm	24.1	24.3	38.1	25.5	112	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. E
23..	Calm	Calm	NE	NNE	Calm	Calm	23.5	26.6	39.1	12.7	101.9	8	A.-Cu. ESE	Fr.-Cu.	10	Ci.-S.	Cu.-N.
24..	Calm	Calm	NW	S	Calm	Calm	20.1	25.9	35.7	15.1	96.8	5	Ci.-S.	Fr.-Cu.	10	Ci.-S.	Cu.-N. E
25..	Calm	Calm	SW	E	Calm	Calm	15.4	36.8	38.6	13.5	104.7	5	Ci.-S.	Fr.-Cu.	10	Ci.-S.	Cu.-N.
26..	Calm	Calm	SW	S	Calm	Calm	20.1	27.4	24.1	13.2	84.8	4	A.-Cu.	S.-Cu.	8	Ci.-S.	Cu.-N. ENE
27..	Calm	Calm	SW	SE	Calm	Calm	15.6	32.7	32.7	16.3	97.3	4	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. NEbyE
28..	Calm	Calm	Calm	SSE	Calm	Calm	17.4	25.5	53.9	14.5	111.3	4	Ci.-S.	Fr.-Cu.	8	Ci.-S. E	Cu.-N. E
29..	Calm	Calm	Calm	S	NW	Calm	18.3	25.7	47.7	17.5	109.2	7	Ci.-S.	S.-Cu.	9	Ci.-S. ESE	Cu.-N. ENE
30..	Calm	Calm	Calm	S	Calm	SE	16.4	12.3	53.4	33.5	115.6	9	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N.
31..	Calm	Calm	SE	S	Calm	Calm	18.7	38.8	61.5	16.4	135.4	9	A.-Cu. WSW	S.-Cu.	4	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	21	33.9	50.4	21.1	126.5	6.2	.....	.....	8.3	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,921.4	.....	.....	.....	.....	.....	.....

ORMOC.

[$\phi = 11°\ 00'$ N; $\lambda = 124°\ 36'$ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

JUNE, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	58.66	59.09	59.89	57.98	57.95	58.69	58.71	25	24.2	29.8	30.2	29.3	25.6	27.4	32.4	23.9	96	97	75	74	67	86	82.5	.....
2	58.07	58.54	58.77	56.68	56.98	58.47	57.92	23.8	23.2	30.9	31.4	28.4	26.2	27.3	33.8	22.9	92	98	70	68	75	87	81.7	2.3
3	57.86	57.88	58.08	56.16	56.92	57.90	57.47	23.9	23	30.4	32.9	29.5	27.6	27.9	33.8	22.9	97	99	65	45	64	75	74.2	1.5
4	56.65	57.48	58.48	56.66	56.94	58.34	57.42	24.4	23.9	27.8	30.6	28.5	26.8	27	32.8	23.4	97	96	84	65	73	81	82.7	.8
5	57.70	58.33	58.93	57.31	57.52	59.60	58.23	25	25	29.8	30.4	29	25.5	27.4	33.2	24.4	92	96	75	70	68	91	82	.....
6	59.17	59.21	59.48	57.81	58.15	59.43	58.88	25	25	30.1	31.6	28.8	24.2	27.4	32.5	22.9	93	92	71	62	68	86	78.7	.....
7	58.49	58.60	58.90	58.04	58.04	59.21	58.55	22.8	22.8	29	27.5	26.4	24.9	25.6	31.3	22.3	94	97	76	87	86	96	89.3	1.3
8	58.18	58.79	59.81	57.69	58.84	59.71	58.84	23.9	23.1	27.3	30.4	27.9	25.8	26.4	31.6	22.8	99	98	85	76	76	86	86.7	3
9	58.82	59.42	59.99	58 33	58.74	59.85	59.19	23.4	22.4	29	28.4	27.7	25.4	26	31.4	21.9	95	96	71	81	83	91	86.2	.....
10	59.08	59.47	59.74	58.14	58.68	59.66	59.13	23	22.2	29.9	27.2	25.2	23.6	25.2	31.8	21.9	95	98	71	87	97	97	90.8	8.6
11	58.90	58.90	58.43	57.07	57.44	58.50	58.21	22.6	22.8	29	30.4	28	26.2	26.5	31.5	22.4	98	99	77	72	79	82	84.5	.8
12	57.56	57.97	58.14	56.67	57.24	58.31	57.65	25.2	23	30.8	32	29.2	26.6	27.8	32.8	22.8	87	98	68	55	66	83	76.2	.....
13	57.50	58.22	58.84	56.57	56.93	58.21	57.71	25.4	23.6	29	29.4	28.6	26.7	27.1	31.8	23.4	88	95	76	74	66	79	79.7	1.5
14	57.81	58.52	59.61	57.13	57.59	59.23	58.32	23.2	23	26.8	28.4	28	25.8	25.9	30.1	22.5	98	98	86	70	77	79	84.7	1.1
15	58.41	58.99	58.92	57.42	58.34	60.01	58.68	22.8	23.2	29.8	28.6	25.2	24.9	25.8	31.2	22.7	98	97	71	85	98	92	90.2	21.1
16	59.11	58.60	58.66	56.76	56.79	58.61	58.09	23.8	22.7	28.4	30.6	29	25.9	26.7	31.8	22.4	97	98	80	64	67	84	81.7	.....
17	57.87	58.02	58.14	56.17	56.38	58.45	57.50	22.9	21.8	28.9	32.4	29.6	26.3	27	33.5	21.7	96	98	71	67	77	83	82	.....
18	57.70	57.88	58.70	57.86	58.52	60.63	58.55	24.4	24.2	27.8	25.7	24.7	25	25.3	31.9	23.7	97	97	77	89	97	98	92.5	7.5
19	58.36	59.48	60.85	58.87	58.98	60.31	59.48	24.4	24.9	29	30.6	28.3	25.4	27.1	31.9	24.2	95	88	75	72	77	92	83.2	.....
20	59.70	59.93	59.97	58.54	59.05	60.30	59.58	23.4	22.4	29.9	30.1	28.7	26.9	26.9	32.8	22	93	96	72	75	79	77	82	.....
21	58.97	58.85	59.10	58.32	58.24	59.03	58.75	23	22.6	29	26.4	26.6	24.9	25.4	31.2	21.7	95	93	77	88	90	96	89.8	3.6
22	58.21	58.33	58.53	56.98	57.11	58.40	57.93	23.6	23.7	30.3	27.4	27.8	24	26.1	31.6	22.9	97	97	68	80	84	97	87.2	.....
23	57.87	58.15	58.64	56.38	57.02	58.26	57.72	22.4	22.4	29.5	30	29.2	25.5	26.5	31.6	21.4	98	98	67	65	76	93	82.8	3.3
24	57.86	57.99	59.01	57.70	57.91	59.10	58.26	24.6	23	28.4	27.3	26.8	24.5	25.8	29.4	22.6	94	97	81	78	84	95	88.2	3.6
25	57.37	57.77	57.97	56.84	57.13	57.94	57.50	23.9	22.9	27	23.4	24.5	23.9	24.3	28.7	22.7	96	99	87	100	99	99	96.7	52.3
26	56.74	57.57	57.82	56.86	56.87	58.22	57.35	22.9	23.2	28	26.2	26.7	25.6	25.4	30.2	22.4	100	98	85	91	86	90	91.7	13.2
27	57.74	58.58	58.83	57.84	58.34	59.93	58.54	24.4	25.2	29.3	30.9	29.6	24.8	27.4	32	24.1	96	92	73	66	69	88	80.7	.....
28	59.24	59.55	59.72	58.08	58.74	60.25	59.26	23.3	22.6	29.1	31.8	29.5	27.2	27.2	32.9	22.3	97	97	77	66	73	74	80.7	.....
29	59.47	59.90	59.90	57.90	57.90	59.17	59.04	23.4	22.6	30	29.5	28.2	25.7	26.6	33	21.9	91	95	64	76	85	94	84.2	5.1
30	58.18	58.49	58.53	56.93	57.56	58.69	58.06	24	23	30.4	27.3	24.3	23.9	25.5	32.4	22.4	97	97	69	87	97	97	90.7	18.6
Mean	58.24	58.62	59.01	57.39	57.76	59.08	58.35	23.8	23.3	29.1	29.3	27.8	25.5	26.5	31.9	22.7	95.3	96.5	74.8	74.5	79.4	88.3	84.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	149.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	SE	Calm	ESE	Calm	15.9	29.5	46.7	25.9	118	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. Ebys
2	Calm	Calm	SE	S	NE	Calm	28	74	48.9	19.9	170.8	7	A.-Cu.	Cu. E	9	Ci.-S. ENE	Cu.-N. NEbyE
3	Calm	Calm	ESE	NNE	SE	NE	19.3	43.3	71.6	26.8	161	5	Ci.-S. EbyN	S.-Cu.	4	Ci.-S.	Cu.
4	Calm	Calm	Calm	ESE	Calm	Calm	13.2	25.7	66.8	19.1	124.8	9	Ci.-S. E	S.-Cu.	7	Ci.-S. ENE	Cu.-N. E
5	Calm	E	Calm	E	Calm	Calm	25.4	30.3	52.5	16.3	124.5	10	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
6	Calm	Calm	S	SE	SE	Calm	22.8	47.5	60	24.6	154.9	7	A.-Cu.	S.-Cu.	10	Ci.-S.	Fr.-Cu.
7	Calm	Calm	Calm	SE	Calm	Calm	21.5	49.1	55.2	16.9	142.7	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
8	Calm	Calm	Calm	S	NE	E	19.5	20.4	80	23.8	143.7	9	Ci.-S. ENE	Cu.-N.	6	Ci.-S.	Cu. E
9	E	Calm	E	Calm	Calm	Calm	20.9	28.3	33.8	13.2	96.7	4	A.-Cu.	S.-Cu.	10	Ci.-S.	Cu.-N. E
10	Calm	Calm	S	Calm	Calm	Calm	22.2	27.6	30.9	19.9	100.6	8	A.-Cu. E	S.-Cu.	10	Ci.-S.	Cu.-N. E
11	Calm	Calm	SE	SE	S	E	16.9	30.4	45.6	34.8	127.7	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. E
12	E	NE	SE	EbyN	E	SE	33.3	44.1	62	22	161.4	9	Ci.-S.	Cu.-N. E	8	Ci.-S. Ebys	Cu.-N. E
13	Calm	Calm	S	S	E	E	22.2	52.1	72.6	29.8	176.7	5	Ci.-S.	Fr.-Cu.	9	Ci.-S.	Cu.-N. E
14	Calm	Calm	Calm	SE	Calm	NE	15.8	14.7	20.1	23	73.6	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
15	Calm	Calm	SSW	Calm	WNW	Calm	18.7	22.2	33	11.6	85.5	7	A.-Cu. E	S.-Cu.	9	Ci.-S.	Cu.-N. E
16	Calm	Calm	Calm	ESE	E	Calm	11.8	21.2	53.3	29.5	115.8	6	Ci.-S. E	S.-Cu.	8	Ci.-S.	Cu.-N. E
17	Calm	Calm	S	S	S	Calm	20.4	23.3	78.7	39.4	161.8	2	Ci.	Cu.	6	Ci.-S. sEbys	Cu.-N. E
18	Calm	Calm	S	Calm	Calm	S	11.1	22.3	25.7	56.8	115.9	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
19	SE	SE	SE	SE	Calm	Calm	44.8	47.7	37.2	13.2	142.9	10	A.-Cu.	cu.-N. swbys	9	Ci.-S. EbyN	Cu.-N.
20	Calm	Calm	SE	Calm	Calm	Calm	15.8	32	40.4	24.1	112.3	2	Ci.	S.-Cu.	5	Ci.-S.	Cu. E
21	Calm	Calm	SW	N	Calm	Calm	21.5	24.1	32.5	13.4	91.5	7	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. E
22	Calm	Calm	Calm	Calm	Calm	Calm	19.1	21.5	30	12.1	82.7	9	A.-Cu.	S.-Cu.	10	Ci.-S.	Cu.-N.
23	Calm	Calm	WSW	Calm	Calm	Calm	18.5	30.8	26.4	13.5	89.2	8	Ci.-S.	Cu.-N.WNW	7	Ci.-S. ENE	Cu.-N.NWbyW
24	Calm	Calm	S	E	Calm	Calm	14.7	26.2	34	16.6	91.5	7	Ci.-S.	Fr.-Cu.	10	Ci.-S.	cu.-N. WNW
25	Calm	Calm	S	Calm	Calm	Calm	11	36	12.9	11.3	71.2	9	Ci.-S.	cu.-N. NW	10	Ci.-S.	N.
26	Calm	E	SE	E	E	Calm	25.2	91.4	47.2	26.9	190.7	10	Ci.-S.	Cu.-N. S	10	Ci.-S.	Cu.-N. SSW
27	Calm	NE	SE	SE	Calm	Calm	17.7	60.9	37.8	19	135.4	10	Ci.-S.	cu.-N. SSW	6	Ci.-S.	Cu.
28	Calm	Calm	SE	S	Calm	NE	19.6	29.8	62.2	31.9	143.5	5	Ci.	S.-Cu.	8	Ci.-S.	Fr.-Cu.
29	Calm	NE	SW	SE	Calm	Calm	23.1	31.1	44	13.4	111.6	3	Ci.	Cu.	9	Ci.-S.	Cu.-N. ENE
30	Calm	Calm	Calm	NW	N	Calm	17.2	31.7	37	17.4	103.3	8	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. E
Mean	.....	.....	.....	.....	.....	.....	20.2	35.7	46	22.2	124.1	7.5	.....	.....	8.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,721.9	.....	.....	.....	.....	.....	.....

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

JULY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.39	57.84	58.74	57.14	57.63	59.35	58.02	22.9	23.7	28.4	28.4	28.2	24.5	26	31.3	22.2	97	98	79	79	79	97	88.2	26.7
2..	57.68	58.19	58.86	57.32	57.64	58.92	58.10	23.3	23.2	29	30.8	29.4	25	26.8	31.9	22.8	97	98	79	72	72	94	85.3	.....
3..	58.07	57.87	58.42	56.56	57.45	58.71	57.85	24.6	23.4	30.8	31.4	29.4	27.2	27.8	32.5	23.1	94	97	72	72	71	82	81.3	.5
4..	57.36	57.30	57.74	56.41	56.37	57.47	57.11	25.9	25.2	29.4	30.5	29.4	23.9	27.4	31.4	23.5	93	93	74	68	74	96	83	.8
5..	56.42	56.47	57.18	55.76	55.85	57.51	56.53	23.9	23.9	29.9	30.7	29.3	24.4	27	32.1	23.4	96	97	73	72	78	98	85.7	8.9
6..	56.72	56.89	57.41	55.76	56.13	57.45	56.73	24	24	30.1	30.7	29.2	27.5	27.6	32	23.8	99	99	78	73	78	86	85.5	14.5
7..	56.64	57.35	57.61	56.19	56.58	57.92	57.05	25.9	24.4	28.9	31	28.7	25.8	27.4	32	24.1	96	97	79	73	81	93	86.5	.....
8..	56.58	57.23	57.18	55.99	56.58	57.56	56.85	23.9	23.2	29.8	30	28.9	25.4	26.9	32.5	22.9	97	98	73	71	78	93	85	1
9..	57.17	57.28	57	55.35	55.69	57.27	56.63	23.7	23.9	30.2	30.2	29.4	24.9	27	32.4	23.3	97	98	74	70	75	88	83.7	.....
10..	56.69	56.79	57.41	55.74	56.26	57.78	56.78	23.2	23	27.3	29.8	27.8	25.4	26.1	32.2	22.9	98	99	87	75	74	90	87.2	22.6
11..	57.35	57.43	57.73	56	56.86	57.07	57.07	24.8	23.4	27	30.8	28.3	24.9	26.5	31.9	23.4	98	100	77	69	78	92	85.7	.....
12..	56.32	56.81	57.42	55.75	56.63	58.03	56.83	24.4	24.6	27	30.2	28.4	25	26.6	31.4	23.9	95	95	90	76	85	93	89	6.6
13..	57.04	57.53	57.54	56.05	56.48	57.42	57.01	23.4	23.8	29.4	29.4	28.3	25.5	26.6	31.2	23	97	97	77	78	82	93	87.3	.....
14..	56.12	56.67	57.18	54.83	56.05	57.50	56.39	23.2	22.8	30.9	31.9	25.6	25	26.6	32.9	22.4	95	97	64	69	93	98	86	3.8
15..	56.22	56.63	56.70	56.08	55.87	56.76	56.38	24.5	23.6	26.6	24.9	24.2	24.4	24.7	30.5	23.2	95	97	90	99	98	99	96.3	102.6
16..	55.47	56.03	57.16	56.22	56.32	58.52	56.62	24.3	24.1	26	24.7	25.3	23.6	24.7	28.2	23	99	99	92	97	89	100	96	39.6
17..	57.02	57.24	58.21	56.62	56.70	57.81	57.27	25.3	23.6	28	30.2	28	26.5	26.9	31.4	23.2	88	98	80	70	81	82	83.2	.5
18..	56.91	57.32	58.11	56.20	56.34	58.40	57.21	24.2	22.8	29.9	29.3	29.1	27.2	27.1	31.8	22.6	97	98	71	75	76	84	83.5	.8
19..	57.23	57.65	58.08	56.80	57.44	59.03	57.70	25	24.2	29	29	28.7	26.3	27	32.1	24	95	98	78	77	77	89	85.7	.....
20..	58.12	58.63	59.34	57.69	58.04	59.51	58.56	25	23.8	29	28.4	28.2	24.7	26.5	31.1	23.4	96	97	78	81	82	91	87.5	.5
21..	58.26	58.33	58.24	56.95	58.17	59.46	58.24	23.3	22.6	29.3	27.9	26.3	24.7	25.7	30.8	22.3	97	98	73	80	91	97	89.3	20.6
22..	59.38	59.72	60.02	58.49	58.55	60.34	59.42	23.4	23.4	24.4	26.9	25.7	24.5	24.7	28.2	23.2	100	100	98	85	92	97	95.3	4.3
23..	59.76	60	60.43	58.60	58.80	60.04	59.60	23.3	22.4	29.8	30.9	29.3	26.2	27	31.8	22.2	98	99	78	73	74	94	86	3.8
24..	59.07	59.56	60.33	58.21	58.34	59.72	59.20	23.7	23.8	25.3	28.8	27.5	24.8	25.6	29.8	23.4	98	98	97	75	84	97	91.5	4.8
25..	58.86	58.97	58.98	57.25	57.82	58.60	58.41	24	23	30	30.9	28.8	25.7	27.1	31.9	22.8	98	99	73	73	73	89	84.2	.8
26..	57.86	57.99	58.43	56.95	57.43	58.98	57.94	24.6	23.5	30.7	30.2	28.8	25.2	27.2	32.5	23.2	96	98	75	73	76	98	86	8.6
27..	57.41	57.41	57.98	56.04	57.54	58.48	57.48	24.9	23.6	28.4	30.9	22.4	23.4	25.6	32.2	22	94	97	80	72	100	99	90.3	22.6
28..	57.19	57.08	57.84	56.25	56.23	58.45	57.17	22.8	25.1	29.8	30	29.4	25.7	27.1	32.2	22.6	99	92	77	74	71	88	83.5	.5
29..	57.57	57.51	57.98	56.48	57.18	58.61	57.56	27	27.5	29.4	31.8	29.5	26.7	28.6	32.8	24.9	82	84	81	70	73	86	79.3	14.5
30..	58.16	58.26	58.78	57.47	57.50	59.33	58.25	24.9	25.2	30	31.2	29.1	26.2	27.8	32.4	21.4	99	98	74	70	76	90	84.5	111.5
31..	58.56	58.49	58.86	57.25	57.89	59.46	58.42	23	24.2	29	30.7	30.3	25.8	27.2	32.1	22.3	99	97	78	71	68	85	83	15.5
Mean	57.44	57.69	58.16	56.59	57.04	58.43	57.56	24.2	23.8	28.8	29.8	28.1	25.4	26.7	31.6	23	96.1	97.1	79	75.2	80	92.2	86.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	436.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	NE	S	Calm	SE	19	28	40.4	29.3	116.7	7	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
2..	Calm	Calm	SE	SE	Calm	Calm	10.3	35.9	55.7	14	115.9	9	Ci.-S.	Cu.-N. SbyW	9	Ci.-S. E	Cu.
3..	Calm	Calm	SE	SE	SE	Calm	21.5	44	78.3	28.4	172.2	6	Ci.-S. E	S.-Cu.	9	A.-Cu. NW	Cu.
4..	Calm	Calm	S	S	Calm	Calm	31.9	47	51.2	38.9	169	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
5..	Calm	Calm	S	S	Calm	Calm	15.8	52.1	72.7	39.7	180.3	8	Ci.-S. E	S.-Cu.	10	Ci.-S.	Cu.-N. WSW
6..	Calm	Calm	SE	SE	Calm	SE	13.7	38.9	66.3	32.7	151.6	10	Ci.-S.	Cu.-N. SW	9	Ci.-S.	Cu.-N.
7..	Calm	Calm	SE	SE	Calm	Calm	29.6	40	72.7	13.4	155.7	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
8..	Calm	Calm	SE	Calm	Calm	Calm	18	39.4	22	13.4	92.8	9	Ci.-S.	Fr.-Cu.	10	Ci.-S.	Fr.-Cu.
9..	Calm	Calm	S	SE	Calm	Calm	18.7	45.1	44.6	15.9	124.3	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Fr.-Cu.
10..	Calm	Calm	Calm	S	W	Calm	16.4	25.7	40.7	17.5	100.3	8	Ci.-S.	Cu.-N. SSW	10	Ci.-S.	Cu.-N.
11..	E	E	Calm	SE	Calm	Calm	40.2	37.6	48	15.6	141.4	10	Ci.-S.	N. S	9	A.-Cu. WbyN	Cu.-N.
12..	Calm	Calm	NE	SE	Calm	Calm	15.3	40.2	37	21.4	113.9	10	Ci.-S.	cu.-N. swbys	10	Ci.-S.	Cu.-N.
13..	Calm	Calm	SE	SE	Calm	Calm	19.6	36.2	47.2	14.2	117.2	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
14..	Calm	Calm	W	S	Calm	Calm	17.5	29.3	48.9	14.3	110	8	Ci.-S.	Fr.-Cu.	8	Ci.-S.	Cu.-N. NE
15..	Calm	Calm	Calm	NW	Calm	Calm	13.7	14	25.4	9.4	62.5	10	Ci.-S.	S.-Cu.	10	Ci.-S.	N. NNW
16..	NE	S	S	SE	E	WSW	74.8	96.6	35.7	38	245.1	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N. SSW
17..	S	Calm	SE	SE	Calm	SE	52.3	51.7	79.7	31.1	214.8	10	Ci.-S.	Cu.-N. SbyW	9	Ci.-S.	Cu.-N. SSW
18..	Calm	Calm	SE	SE	SE	SE	15.8	30.9	53.9	26.4	127	7	Ci.-S.	Fr.-Cu.	9	Ci.-S.	Cu.-N.
19..	Calm	Calm	Calm	SE	Calm	Calm	16.9	28.4	52.1	21.1	118.5	10	A.-Cu. E	S.-Cu.	10	Ci.-S.	Cu.-N. SSE
20..	Calm	Calm	SE	E	SE	Calm	17.9	34.9	49.4	24.6	126.8	8	Ci.-S.	S.-Cu.	10	A.-Cu.	Cu.-N.
21..	Calm	Calm	ESE	Calm	Calm	Calm	20.1	24.4	29.3	13.5	87.3	9	A.-Cu.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
22..	Calm	Calm	NW	S	Calm	Calm	16.1	23.1	25.1	17.2	81.5	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N. NW
23..	Calm	Calm	SE	SE	SE	Calm	13.7	32.5	64.4	18.3	128.9	9	A.-Cu. SSE	S.-Cu.	5	Ci.-S.	Cu.
24..	Calm	Calm	Calm	SW	Calm	Calm	25.7	13.9	27.4	18.3	85.3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
25..	Calm	NW	SW	SE	Calm	Calm	13.1	42.6	68.4	18.5	142.6	10	Ci.-S.	Cu.-N. WNW	8	Ci.-S.	Cu.-N. S
26..	Calm	Calm	SE	SE	Calm	Calm	19.3	43.5	68.4	23	154.2	4	A.-Cu.	S.-Cu.	8	Ci.-S. EbyN	Cu. WNW
27..	NE	Calm	SE	SE	NE	Calm	31.7	37.8	76.4	20.1	166	9	Ci.-S.	cu.-N. swbys	8	Ci.-S.	Cu.
28..	Calm	NE	S	SE	SE	Calm	24.1	67.6	84.8	38.6	215.1	9	Ci.-S.	Cu.-N. SW	9	Ci.-S.	Cu.-N. SW
29..	S	S	S	SE	Calm	Calm	68.1	119.1	70.8	28.5	286.5	9	Ci.-S.	cu.-N. swbys	7	Ci.-S.	Cu. W
30..	Calm	SSE	S	SE	SE	NE	18.5	91.4	72.7	55.7	238.3	9	Ci.-S. ENE	cu.-N. swbys	9	Ci.-S.	Cu.-N. SW
31..	Calm	NE	S	SE	SE	Calm	25.1	104	74.2	22	225.3	10	Ci.-S.	Cu.-N. SW	9	Ci.-S. EbyN	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	24.3	45	54.3	23.6	147.3	9	.....	.....	9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,567	.....	.....	.....	.....	.....	.....

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

AUGUST, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.05	58.98	58.80	57.52	57.69	59.25	58.55	24.6	23.4	28.9	31.2	29.7	25.2	27.2	32.4	23.3	96	98	78	67	75	93	84.5	.....
2..	58.62	58.32	58.77	57.30	57.50	59.05	58.26	24.2	24.1	30.4	29.9	28.6	25.2	27.1	32.4	23.8	97	97	74	75	80	91	85.7	.....
3..	57.76	57.79	58.54	57.23	57.51	59.13	57.99	23.8	23.6	27	28.7	27.2	25.2	25.9	30.4	23.4	97	98	86	78	89	92	90	33.5
4..	58.02	58.18	59.10	58.23	58.37	59.52	58.57	24.2	24.9	26	24.3	23.3	23	24.3	27.6	22.4	94	98	90	99	99	99	96.5	38.2
5..	58.87	58.87	59.39	57.79	57.72	59.30	58.66	22.2	21.9	27.4	29.8	29.6	24.6	25.9	31.7	21.8	98	99	86	66	69	92	85	.....
6..	58.58	59.04	59.05	57.18	57.83	58.45	58.36	22.6	21.8	28.5	30.4	27.2	24.9	25.9	32.1	21.7	97	99	77	70	89	96	88	.....
7..	57.66	57.85	57.73	56.07	56.53	57.58	57.24	23.1	22.1	30	29.5	24.6	23.3	25.4	32.2	21.9	97	99	69	73	98	97	88.8	17.3
8..	56.73	56.84	57.71	55.62	56.39	57.94	56.87	21.9	21.3	28.6	30.2	29.1	25.1	26	32	21	98	98	73	69	73	91	83.7	.....
9..	57.46	57.74	58.39	56.85	57.45	59.02	57.82	23.3	23.3	29	29.8	29	25.3	26.6	32.2	22.9	98	97	78	77	76	92	86.3	.....
10..	57.37	58.02	58.73	57.18	57.58	58.65	57.92	24.2	24.1	31.3	29	28.6	26.2	27.2	32.8	23.4	96	97	72	68	83	82	83	.....
11..	57.66	57.89	58.49	57.16	57.74	59.16	58.02	23.8	23	29.2	30.6	29.3	25.5	26.9	32.4	22.8	97	98	78	70	78	89	85	.....
12..	58.02	58.20	58.88	56.89	57.90	59.63	58.25	23.3	22.2	29	30.9	27.9	24.6	26.3	32.6	22.1	97	99	75	67	79	97	85.7	.....
13..	58.86	58.94	59.10	56.87	56.94	58.41	58.19	23.5	22.3	29.4	32	30.3	25.7	27.2	33.4	22.2	97	98	75	64	65	91	81.7	.....
14..	57.67	57.64	58	55.76	56.23	57.90	57.20	23.4	22.5	29.5	31.6	29.2	25.8	27	32.7	22.4	97	97	71	72	83	92	85.3	.3
15..	56.56	56.87	57.14	55.68	55.75	57.19	56.53	24.8	24.8	30.5	28.9	29	24.7	27.1	32.2	23.9	97	95	76	89	81	97	89.2	9.6
16..	55.46	55.86	55.88	53.81	54.50	55.92	55.24	24.4	24.6	29.2	31	29.5	25	27.3	32.2	23.8	98	98	79	71	77	95	86.3	13.5
17..	54.55	55.10	56.03	54.82	55.38	56.91	55.46	27.9	28	28.7	30	29.2	28.7	28.8	30.9	26	88	84	80	71	73	78	79	4.6
18..	56.54	56.90	57.54	56.14	56.65	58.65	57.07	28	28.1	30.2	30.9	29	26.9	28.8	32.2	26.4	81	80	74	72	79	85	78.5	.....
19..	57.53	57.57	58.70	57.08	57.70	59.13	57.95	26.7	25.4	28	31.5	29.8	26	27.9	32.9	25.2	86	88	77	66	73	92	80.3	.5
20..	58.39	58.35	58.96	57.51	58.27	60.23	58.62	27.7	24.8	28.9	30.6	29.3	25.9	27.9	32	24.3	83	97	78	70	74	92	82.3	.....
21..	59.02	59.33	59.85	58.42	58.44	60.23	59.22	23.6	22.4	29.4	31.8	30.2	25.4	27.1	32.8	22.3	97	98	68	66	72	92	82.2	.....
22..	59.43	59.81	60.08	57.78	58.44	59.57	59.18	22.8	21.3	29	32	30	26	26.8	33.2	21.1	95	98	66	64	67	87	79.5	.....
23..	58.48	59.09	59.50	58.30	59.25	60.45	59.18	23.3	21.9	29.5	31.7	25.4	24	26	32.8	21.7	92	96	65	59	95	97	84	7.4
24..	59.86	60.30	60.65	58.53	60.14	60.90	60.06	22.4	21.6	28.6	31.8	26.5	24.8	26	33	21.4	96	98	73	64	90	97	86.3	5.3
25..	60.04	60.30	60.33	58.77	59.19	59.99	59.77	25	24.4	28.4	30	26.9	25.5	26.7	31.6	23.9	95	97	82	71	88	96	88.2	.8
26..	59.06	59.28	59.27	57.29	57.60	59.20	58.62	24.6	23.8	28.9	27.7	27.4	24.3	26.1	31.4	23.4	97	99	78	87	89	96	91	.5
27..	58.32	58.64	58.78	57.17	57.78	59.69	58.40	23.5	22.4	29.8	30.6	28	25.2	26.6	32.2	22.1	96	96	75	72	86	93	86.3	1.3
28..	58.70	59.17	59.55	57.44	57.73	59.43	58.67	24.6	23.7	29	29	27.6	24.9	26.5	32.4	23.5	98	97	74	78	87	95	88.2	9.4
29..	58.03	58.04	58.74	56.66	56.96	57.82	57.71	24.4	23.4	29.4	28	27	24.5	26.1	31.6	23.1	97	98	74	74	89	94	87.7	.5
30..	56.48	56.34	57.34	55.28	55.94	57.83	56.54	23.2	22.4	28.7	29	28.8	24.3	26.1	31.6	22.1	98	98	80	78	76	99	88.2	13.2
31..	56.06	56.04	57.20	55.02	56.20	57.61	56.36	23.9	22.5	28.7	30	24.5	23.6	25.5	31.2	22.5	97	99	79	77	87	97	89.3	3.1
Mean	57.90	58.11	58.59	56.88	57.40	58.83	57.95	24.2	23.4	29	30.1	28.1	25.1	26.7	32	23	95.1	96.4	76.1	72.4	81.3	92.8	85.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	159

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SE	Calm	SE	SE	Calm	Calm	32.2	59.7	66.6	16.9	175.4	10	Ci.-S.	Cu.-N. SW	6	Ci.-S. ENE	Cu.
2..	Calm	Calm	SE	S	Calm	Calm	18.3	51.2	35.2	21.7	126.4	4	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
3..	Calm	Calm	S	Calm	Calm	Calm	16.7	27.6	21.4	20.3	86	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
4..	Calm	SSE	E	S	Calm	Calm	34.9	50.4	35.2	6.4	126.9	10	Ci.-S.	Cu.-N. S	10	Ci.-S.	Cu.-N.
5..	Calm	Calm	Calm	SE	Calm	Calm	10.2	22.3	47.5	19.9	99.9	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Fr.-Cu.
6..	Calm	Calm	Calm	SE	Calm	Calm	21.1	24.4	46.4	16.7	108.6	8	A.-Cu.	S.-Cu.	6	Ci.-S.	Fr.-Cu.
7..	Calm	Calm	S	SSW	Calm	Calm	18.2	32.2	38	16.6	105	5	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. N
8..	Calm	Calm	SE	S	Calm	Calm	17.1	26	48.5	20.4	112	7	Ci.-S.	S.-Cu.	8	Ci.-S. sbyW	Fr.-Cu.
9..	Calm	Calm	S	S	Calm	Calm	20.7	31.1	54.2	18.5	124.5	8	Ci.-S.	S.-Cu.	8	Ci.-S.	Fr.-Cu.
10..	Calm	Calm	S	N	Calm	E	16.4	34.9	34.9	25.5	111.7	8	Ci.-S.	cu.-N. swbys	9	Ci.-S.	Cu.
11..	Calm	Calm	SE	SE	Calm	Calm	17.5	34.6	44.9	24.6	121.6	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
12..	Calm	Calm	Calm	S	NW	Calm	19.8	25.9	42.4	20.4	108.5	4	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
13..	Calm	Calm	S	S	S	Calm	17.4	27.2	68.7	14.8	128.1	7	Ci.-S.	Cu.-N. SbyW	6	Ci.	Cu. ENE
14..	Calm	Calm	Calm	S	Calm	Calm	17.4	32	50.7	12.6	112.7	4	Ci.	S.-Cu.	6	Ci.	Fr.-Cu.
15..	Calm	Calm	ESE	SE	Calm	Calm	17.1	47.8	47.2	27.6	139.7	8	Ci.-S.	Cu.-N. SW	10	Ci.-S.	cu.-N. WNW
16..	Calm	NE	S	S	Calm	NE	17.1	57.4	66.5	44.9	185.9	10	Ci.-S. E	Cu.-N.	10	Ci.-S.	Cu.-N. W
17..	S	S	S	S	S	S	144.8	144.5	151.1	106.8	547.2	10	Ci.-S.	cu.-N. swbys	10	Ci.-S.	Cu.-N. SSW
18..	S	S	S	SE	Calm	SE	129.8	103.5	79.5	35.4	348.2	10	Ci.-S.	cu.-N. SSW	10	Ci.-S.	Cu.-N. SSW
19..	SE	NE	Calm	SE	Calm	Calm	35.1	37	45.3	23	140.4	10	Ci.-S.	cu.-N. SSW	10	Ci.-S.	Fr.-Cu.
20..	S	Calm	W	S	Calm	Calm	66	19.8	45.3	14	145.1	10	Ci.-S.	S.-Cu.	9	ci.-S. NEbyN	Cu.
21..	Calm	Calm	W	S	Calm	Calm	18.2	32.5	64.7	16.9	132.3	5	Ci.-S. ENE	Cu.	4	Ci.	Cu.
22..	Calm	Calm	SSE	S	Calm	Calm	21.1	28.5	56.6	17.1	123.3	5	Ci.-S.	Cu.	7	Ci.-S. E	Cu. NNE
23..	Calm	Calm	S	S	Calm	Calm	21.1	38.3	38.9	19	117.3	5	Ci.-S. E	Cu.	8	Ci.-S.	Cu.-N. NE
24..	Calm	Calm	Calm	SE	Calm	Calm	20.4	27.6	43.5	17.2	108.7	4	A.-Cu.	S.-Cu.	9	Ci.-S.	Cu.-N.
25..	S	Calm	SE	SE	Calm	Calm	42	36.7	47.7	14.8	141.2	9	ci.-S. Ebys	Cu.-N.	9	Ci.-S. E	Cu.-N.
26..	Calm	Calm	Calm	Calm	Calm	Calm	19.9	32.5	18.5	19.6	90.5	9	A.-Cu. E	Cu.-N. NNW	10	Ci.-S.	Cu.-N.
27..	Calm	Calm	SW	Calm	Calm	Calm	24.1	35.6	26	15	100.7	7	A.-Cu. E	S.-Cu.	8	Ci.-S. E	Cu.-N.
28..	Calm	Calm	E	Calm	Calm	Calm	17.4	30.1	22.3	16.9	86.7	8	Ci.-S. E	S.-Cu.	10	Ci.-S.	Cu.-N. N
29..	Calm	Calm	WSW	N	Calm	Calm	19.5	26.6	30	14.7	90.8	8	Ci.-S.	Cu.-N.WNW	9	Ci.-S.	Cu.-N. N
30..	Calm	Calm	SE	Calm	Calm	Calm	18.5	38	28.4	28.2	113.1	8	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
31..	Calm	Calm	SE	SE	NE	Calm	21.5	56.6	82.4	27.9	188.4	8	ci.-S. Ebyn	cu.-N. swbys	10	Ci.-S. E	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	30	41	49.3	23	143.4	7.7	.....	.....	8.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,446.8	....	.....	.....	....	.....	.....

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, −1.83 mm.]

SEPTEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.11	57.31	58.21	56.95	57.16	58.67	57.57	24.5	25.2	27.5	25.5	24.2	25	25.3	28.8	23.8	95	92	85	96	93	92	92.2	6.3
2..	58.10	58.48	59.79	57.50	57.57	58.80	58.37	24.4	23.2	24.7	28.9	26.7	25.6	25.6	30.1	23.2	96	98	97	75	83	87	89.3	5.1
3..	57.82	57.88	58.79	56.88	57.37	58.48	57.87	23.7	23.9	29.6	29	27	25	26.4	31.8	23.5	97	98	74	72	86	95	87	.5
4..	57.62	57.79	57.97	55.99	56.72	58.11	57.37	23.4	24	26.2	28.5	25	24	25.2	29.4	23.4	98	98	90	74	94	99	92.2	21.2
5..	57.05	57.28	57.41	56.08	56.86	58.50	57.20	24.4	23.9	27.9	29	28.2	24.9	26.4	31.1	23.7	97	96	79	78	82	92	87.3	2.3
6..	57.66	57.99	58.83	57.20	57.69	59.53	58.15	23.9	23.2	28.4	29.9	27.9	24.8	26.4	31.5	23	97	98	77	74	81	92	86.5	.....
7..	58.22	58.34	58.43	56.48	56.78	58.38	57.77	24.5	23.4	30	31.5	28.8	24.8	27.2	32.6	23.2	92	97	74	72	75	92	83.7	29.2
8..	57.50	57.37	58.13	56.39	56.35	57.85	57.26	24.6	22.3	26.4	27.6	26	25	25.3	29	22.2	86	99	86	81	91	87	88.3	1.8
9..	56.88	58.04	58.82	56.65	57.15	58.32	57.64	23.6	23.9	25.7	29	27.6	26.2	26	30.2	22.9	94	96	91	78	80	85	87.3	35.8
10..	57.80	57.96	58.75	57.30	58.12	59.70	58.27	24.2	24.7	26.2	27.2	23.4	23	24.8	28.8	22.9	98	97	94	86	95	98	94.7	17.5
11..	58.58	58.55	59.45	57.04	57.70	59.38	58.45	23	23	28	31.4	28	24.9	26.4	32.1	22.9	99	99	85	71	80	92	87.7	.....
12..	58.68	58.72	59.33	58.32	58.27	59.53	58.81	23.6	23.5	29.6	27	26.4	24.9	25.8	32.2	22.9	95	95	73	80	89	92	87.3	2.8
13..	58.62	59.25	60.45	57.91	58.10	59.36	58.95	24	25.8	25.8	28.5	27	24.1	25.9	29.1	22.4	95	93	92	77	81	91	88.2	8.9
14..	58.70	58.89	59.60	57.81	58.44	59.70	58.86	22.3	21.5	28.5	32	29.6	25	26.5	32.5	21.2	96	98	70	60	71	92	81.2	.....
15..	58.89	59.54	59.58	57.62	58.50	59.48	58.94	22.2	20.9	29	32	27.8	23.9	26	32.9	20.4	96	95	66	60	71	93	80.2	.....
16..	58.67	58.33	58.50	56.21	56.75	58.45	57.82	22.9	22.4	29.2	31.4	27.6	26	26.6	32.8	21.9	95	96	70	65	84	91	83.5	.5
17..	57.01	57.83	58.16	56.37	57.55	59.53	57.74	23.9	22.7	29.4	33	27.4	25	26.9	33.8	22.4	96	96	74	63	81	91	83.5	.5
18..	58.64	58.91	59.34	57.84	58.92	50.04	58.95	23.9	23.6	29.2	29.2	26.2	24.2	26	32.4	23.2	96	97	72	76	92	95	88	1
19..	58.97	59.14	59.65	56.70	57.62	58.52	58.43	23	22.8	28.3	30.2	26.2	24.6	25.8	32	22.4	97	97	77	70	90	90	86.8	3.3
20..	57.58	58.25	58.70	56.42	57.74	58.68	57.90	23.9	23.4	27	30.2	26.4	25.2	26	30.9	22.9	96	95	83	70	88	89	86.8	1.3
21..	58.06	58.84	59.59	57.80	58.74	60.08	58.85	23.9	23.5	27.9	29.4	28	25	26.3	31.8	22.9	97	97	74	71	83	95	86.2	9.1
22..	59.80	59.69	59.81	58	58.90	59.98	59.36	25.4	23	27.2	30.5	27.7	24.4	26.4	31.4	22.4	92	95	82	70	85	91	85.8	.5
23..	58.67	59.03	58.97	56.75	58	59.36	58.46	23.9	23.6	30.5	29.5	27.8	24.9	26.7	32.4	22.8	96	94	72	71	84	92	84.8	.....
24..	58.20	58.84	59.30	56.49	56.53	58.40	57.96	24.7	23	30.3	31	28.8	25.1	27.2	32.4	22.9	93	98	69	73	75	94	83.7	.....
25..	57.46	57.41	57.53	55.38	56.68	57.70	57.03	24.3	23.8	29.8	32.8	28.4	25	27.4	33.2	23.6	94	97	74	64	80	92	83.5	6.3
26..	56.35	56.97	57.75	56.14	57.31	58.96	57.25	25.4	24.7	28.8	32	28.4	25	27.4	32.6	24.2	92	98	79	69	82	93	85.5	.....
27..	57.34	57.97	58.90	56.61	57.48	58.77	57.84	24.1	24.8	29.9	31.8	27.4	26.6	27.4	32.6	23.5	97	95	75	66	87	90	85	.8
28..	57.40	57.57	58.54	56.08	56.95	59.03	57.60	26	26.2	31.2	32.8	29.2	23.8	28.2	33	23.4	91	92	71	63	76	98	81.8	36.8
29..	57.67	58.43	58.88	57.22	57.50	59.32	58.17	22.8	23.3	28.9	30	27.6	24.2	26.1	31.9	22.5	98	97	78	73	76	93	85.8	.....
30..	58.37	58.54	58.93	56.63	58.13	59.83	58.40	23.4	23	29.2	32	28.7	26.3	27.1	32.9	22.8	97	98	74	61	86	93	84.8	.....
Mean	57.98	58.30	58.87	56.89	57.59	59.01	58.11	23.9	23.5	28.3	30.1	27.3	24.9	26.4	31.6	22.8	95.3	96.4	78.6	72	83.4	92.2	86.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	191.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	E	S	Calm	Calm	SE	47.7	106.8	77.2	17.5	249.2	10	Ci.-S.	Cu.-N. SSW	10	Ci.-S.	N.
2..	ENE	Calm	SE	SE	Calm	SE	32.8	65.8	63.1	31.2	192.9	10	Ci.-S.	cu.-N. SSW	10	Ci.-S.	Cu.-N. SW
3..	Calm	Calm	SE	SE	Calm	Calm	14.3	59.2	68.7	16.9	159.1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. W
4..	Calm	W	Calm	Calm	Calm	Calm	15.5	25.9	30.6	24.7	96.7	10	Ci.-S.	N. NNW	10	Ci.-S.	Cu.-N.
5..	Calm	N	SW	SE	Calm	Calm	19.3	36.5	41.5	20.1	117.4	10	A.-Cu.	S.-Cu.	10	Ci.-S.	Cu.-N. NW
6..	Calm	Calm	Calm	SE	Calm	Calm	15	31.2	50.2	18.2	114.6	9	Ci.-S. E	S.-Cu.	10	Ci.-S.	Cu.-N.
7..	SE	Calm	SE	SE	Calm	Calm	20.6	50.1	57.4	19.9	148	8	Ci.-S. Ebys	Cu.-N. SbyW	8	Ci.-S. E	Cu.
8..	NE	NE	Calm	SE	Calm	E	46.7	26.4	37.6	21.1	131.8	10	Ci.-S. E	S.-Cu.	10	Ci.-S.	Cu.-N.
9..	Calm	S	Calm	Calm	Calm	SE	23.3	21.4	23.5	30.6	98.8	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
10..	Calm	Calm	Calm	NE	Calm	Calm	37	44.1	37.5	15.8	134.4	10	Ci.-S.	cu.-N. SSW	10	Ci.-S.	Cu.-N.
11..	Calm	Calm	E	SE	Calm	Calm	18	38	45.7	19.6	121.3	10	Ci.-S.	cu.-N. SSW	6	Ci.-S.	Cu.
12..	SE	Calm	Calm	NW	Calm	Calm	23.6	26.2	22.8	17.1	89.7	8	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N.
13..	Calm	S	Calm	W	S	E	23	40.2	24.1	29.6	116.9	10	Ci.-S.	N. SSW	10	Ci.-S.	Cu.-N.
14..	Calm	Calm	Calm	SE	Calm	Calm	23.1	24.4	51.2	16.7	115.4	7	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.
15..	Calm	Calm	Calm	SE	Calm	Calm	21.9	25.2	51	20.4	118.5	2	Ci.	Cu.	8	Ci.-S. SSE	Cu.
16..	Calm	Calm	S	S	Calm	Calm	15.5	32.4	47.8	17.1	112.8	5	A.-Cu. ESE	S.-Cu.	9	Ci.-S.	Cu.-N. ENE
17..	Calm	Calm	SE	SE	Calm	Calm	22.2	34.4	47.2	17.2	121	4	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. E
18..	NE	Calm	W	NNW	Calm	Calm	23.5	27.4	36.8	17.9	105.6	7	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. ENE
19..	Calm	Calm	W	SW	Calm	Calm	19.9	22.5	30.9	29.5	102.8	8	Ci.-S.	S.-Cu.	10	Ci.-S.	cu.-N. NNW
20..	Calm	Calm	SE	Calm	NW	Calm	22	24.9	31.9	18.5	97.3	10	Ci.-S.	Cu.-N. E	8	A.-Cu. ESE	Cu.-N.
21..	Calm	Calm	Calm	SE	Calm	Calm	24.1	27.9	32.2	14	98.2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Fr.-Cu.
22..	Calm	Calm	Calm	SE	Calm	Calm	50.4	27.6	34	14.2	126.2	10	Ci.-S.	Cu.-N.	7	Ci.-S. E	Cu.
23..	Calm	SE	SE	Calm	Calm	Calm	18	36.5	30.8	18.7	104	10	Ci.-S.	S.-Cu.	9	Ci.-S. E	Fr.-Cu.
24..	Calm	Calm	E	SE	Calm	Calm	23.8	36.4	49.7	18.5	128.4	7	Ci.-S. E	S.-Cu.	10	Ci.-S.	Cu.-N.
25..	Calm	Calm	SE	SE	Calm	Calm	17.7	34.8	63.6	18.2	134.3	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu. WNW
26..	E	N	SW	SE	Calm	Calm	32.2	32.2	35.9	14	114.3	10	Ci.-S.	Cu.-N. SW	8	Ci.-S.	Cu. WSW
27..	Calm	Calm	SE	SE	E	E	22.3	55.7	51.2	27.6	156.8	8	Ci.-S.	Cu.-N. W	8	Ci.-S. NEbyE	Cu.-N. WSW
28..	Calm	Calm	SSE	SE	Calm	NNE	21.5	70.3	64.1	45.7	201.6	10	Ci.-S.	Cu.-N. SW	7	A.-Cu. W	Cu.
29..	Calm	Calm	NE	SE	SE	Calm	28.7	27.7	38.6	20.1	115.1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
30..	Calm	Calm	Calm	S	Calm	Calm	16.1	29.2	23.9	11.1	80.3	10	A.-Cu.	S.-Cu.	9	Ci.-S.	Fr.-Cu.
Mean	.....	.....	.....	.....	.....	.....	24.7	38	43.4	20.7	126.8	8.8	.....	.....	8.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,803.4	.....	.....	.....	.....	.....	.....

ORMOC.

[$\phi = 11°\ 00'$ N; $\lambda = 124°\ 36'$ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

OCTOBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.25	59.29	60.02	57.64	58.36	59.92	59.08	25	23.4	28.4	25.2	26.6	24.4	25.5	31	23.2	96	97	74	90	91	98	91	5.2
2..	58.62	58.96	59.43	56.80	58.05	59.64	58.58	23.8	23.4	28.9	27.9	24.6	24.2	25.5	31.2	23.1	97	98	71	84	97	97	90.7	6.1
3..	57.96	58.62	58.94	57.11	57.21	58.67	58.08	23	22.9	27.7	24.5	25	23.9	24.5	29.1	22.6	99	99	79	96	98	97	94.7	12.8
4..	57.38	57.76	58.21	56.03	56.06	57.22	57.11	24.3	23.8	25.6	25.7	25.9	23.9	24.9	27.5	23.6	97	99	95	94	96	98	96.5	37.1
5..	55.63	56.14	56.50	54.24	55.16	56.11	55.63	23.9	24.4	27.5	28.5	27.4	27.2	26.5	29.4	23.3	98	99	88	81	83	82	88.5	9.9
6..	54.62	55.12	55.87	54.18	55.03	56.22	55.17	26.4	26.9	26.9	27.2	27	26.2	26.8	27.9	25.2	88	88	86	83	83	90	86.3	3.3
7..	54.96	55.65	56.47	55.04	56	56.90	55.84	26.8	26.4	27.4	27.2	27	26.4	26.9	28.8	26	89	84	81	83	83	88	84.7	1
8..	55.58	56.55	57.90	56	57	58.45	56.91	27.5	27.4	29.2	30.5	29	28	28.6	31.2	26.8	75	79	76	72	74	81	76.2	.....
9..	57.41	58.20	58.90	56.80	58.12	59.45	58.15	27.3	27.9	28.7	31	26.4	26	27.9	32	25.4	79	77	76	68	92	87	79.8	1.3
10..	58.07	58.52	59.54	57.43	58.18	59.79	58.59	27.8	26.8	29.9	31	28.8	26.9	28.5	31.9	25.7	80	86	71	72	76	83	78	.....
11..	58.80	59.09	59.20	57.09	58.34	59.78	58.72	25.4	22.8	30	31	26.3	24.8	26.7	32.9	22.4	86	93	71	72	88	93	83.8	.....
12..	58.28	58.88	59.40	57.52	59.05	59.58	58.78	24.5	23.4	30.9	29.8	27.8	24.7	26.8	32.2	22.9	95	96	64	72	71	93	81.8	1.3
13..	58.76	59.93	60.71	58.73	59.44	60.59	59.69	23.8	22.3	28.3	29.5	26.3	25	25.9	30.6	21.9	97	96	75	68	88	97	86.8	1.3
14..	59.66	59.87	59.74	57.73	58.41	60	59.24	23.4	22.9	29	27.9	25.1	23.5	25.3	31.5	22.6	97	98	71	84	94	97	90.2	1.3
15..	59.03	59.23	59.30	57.08	57.75	59.12	58.58	22.6	21.6	29.4	32	27.9	25.5	26.5	32.9	21.3	97	97	68	65	81	87	82.5	.5
16..	58.26	58.53	58.91	55.76	56.70	57.61	57.63	23	22	29.5	33	26.6	24.3	26.4	33.4	21.6	95	96	71	60	90	96	84.7	13
17..	56.42	56.52	57.09	54.90	55.60	57.07	56.27	23.4	22.6	29.4	25.8	26.3	24.4	25.3	32.8	22.2	96	98	71	92	89	96	90.3	2.5
18..	55.87	56.38	56.91	55.25	56.23	57.21	56.31	23	22.8	28.6	24.9	24.9	23.4	24.6	32.6	22.4	97	97	76	92	95	96	92.2	10.4
19..	56.94	57.25	57.44	56.15	57.18	58.23	57.20	22.7	22.5	29.9	27.4	26.2	24.2	25.5	32.9	22.1	98	98	69	78	91	95	88.2	.....
20..	57.03	57.87	58.09	56.52	57.07	58.32	57.48	23.2	22.5	29.9	29.9	26.5	24	26	31.9	22.1	97	99	78	69	91	96	88.3	14
21..	57.54	58.12	58.46	56.07	57.27	58.64	57.68	22.9	22.2	28.8	29.6	26.4	24.4	25.7	31.9	21.9	97	97	72	74	88	92	86.7	1.3
22..	57.47	58.47	59.08	56.88	57.57	59.33	58.13	24.4	24.6	28.5	27.9	25.4	24.3	25.8	30.8	23.5	96	95	83	79	93	97	90.5	3.9
23..	58.03	58.70	59.38	56.86	57.71	58.82	58.25	22.9	22.5	26.9	29.1	26.1	24.1	25.3	29.6	22.2	99	98	91	75	94	97	92.3	2.4
24..	58.34	59.02	58.60	56.33	57.36	58.47	58.02	23.2	22.8	28.9	32.3	27.5	23.9	26.4	32.8	22.5	97	98	78	58	73	91	82.5	.....
25..	57.43	58.44	58.42	55.77	56.97	58.26	57.55	23.3	23.7	26.4	31.9	25.2	23.9	25.7	32.4	22.4	94	97	90	69	98	97	90.8	15
26..	56.99	57.62	58.05	55.25	56.48	58.02	57.07	22.8	22.6	28.8	32	28.2	24.9	26.6	32.8	21.9	97	97	76	66	89	92	86.2	1
27..	56.83	57.30	57.80	55.26	56.62	57.74	56.92	23.2	22.3	29.5	31.4	24.9	23.4	25.8	32.2	22	97	97	71	65	92	96	86.3	3.8
28..	56.90	58.19	58.70	56.89	57.96	59.46	58.02	22.2	21.7	29.4	27.5	24.3	23.3	24.7	32.4	21.4	97	98	74	87	97	97	91.7	38.3
29..	58.48	58.89	59.29	57.36	57.88	59.47	58.56	22.3	22.2	28.9	27.4	25.9	24	25.1	30.5	21.6	97	98	71	89	93	97	90.8	9.9
30..	57.82	57.55	58.75	56.79	57.42	58.51	57.81	23.6	23.4	27.4	29.5	26.9	24.4	25.9	30.9	23	97	98	84	68	77	90	85.7	.....
31..	57.23	57.15	57.89	56.31	57.33	57.94	57.31	23.4	23.2	27.9	24.7	24.2	22.9	24.4	29.6	22.2	97	97	82	94	97	97	94	18.6
Mean	57.47	57.99	58.48	56.38	57.27	58.53	57.69	24	23.5	28.6	28.8	26.3	24.7	26	31.3	22.9	94.1	95	76.9	77.4	88.5	93.2	87.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	215.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	Calm	NE	Calm	Calm	30	23.8	25.9	18.2	97.9	8	A.-Cu.	S.-Cu.	10	Ci.-S.	Cu.-N. NW
2..	Calm	Calm	NNE	NNE	Calm	N	17.7	36.4	34.4	16.6	105.1	10	A.-Cu.	S.-Cu.	10	Ci.-S.	Cu.-N. NWbyW
3..	Calm	Calm	W	Calm	Calm	Calm	18.7	27.4	25.2	12.4	83.7	10	Ci.-S.	Cu.-N. NW	10	Ci.-S.	Cu.-N. NW
4..	Calm	N	W	WNW	Calm	Calm	24.6	19.9	24.6	26	95.1	10	Ci.-S.	Cu.-N. WNW	10	Ci.-S.	Cu.-N. WNW
5..	Calm	Calm	Calm	SSW	SSW	SSW	18.8	20.3	128.4	138.1	305.6	10	Ci.-S.	Cu.-N. WbyN	10	Ci.-S.	Cu.-N. W
6..	SSW	SSW	S	SSW	SSW	S	158.8	142.4	151.8	141	594	10	Ci.-S.	Cu.-N. WSW	10	Ci.-S.	Cu.-N. WSW
7..	S	S	SbyW	SSW	S	SSW	162.8	164.4	162.5	126.5	616.2	10	Ci.-S.	cu.-N. swbys	10	Ci.-S.	Cu.-N. SW
8..	SbyW	S	S	SE	S	S	115.3	154.5	153.4	132.2	555.4	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N. SW
9..	S	S	S	SE	Calm	Calm	129.5	114.1	72.4	9.1	325.1	10	A.-cu. SSW	Cu.-N. SSW	10	Ci.-S.	Cu.-N. SW
10..	S	SE	SE	S	Calm	Calm	97.2	149.2	75	22.2	343.6	10	Ci.-S.	cu.-N. SSW	8	A.-Cu. SE	Cu.-N. S
11..	SE	Calm	SE	SE	Calm	Calm	20.4	32.5	56.9	18.7	128.5	7	ci.-s. WNW	S.-Cu.	9	Ci.-S. NNE	Cu.-N. S
12..	Calm	Calm	SE	S	NE	Calm	19.5	45.1	42.4	19.9	126.9	8	A.-Cu.	S.-Cu.	10	Ci.-S.	Cu.-N.
13..	NE	Calm	Calm	Calm	Calm	Calm	22.2	19	24.9	16.6	82.7	8	Ci.-S.	S.-Cu.	9	A.-Cu. ESE	Cu.
14..	Calm	Calm	SW	NE	NW	Calm	21.2	36.4	37.8	18.3	113.7	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. NE
15..	Calm	Calm	W	S	Calm	Calm	22.7	31.6	38.4	22.2	114.9	6	Ci.-S.	S.-Cu.	8	Ci.-S. NNE	Cu. ENE
16..	Calm	Calm	SW	S	Calm	Calm	17.7	30.9	43.1	19.1	110.8	5	Ci.-S.	S.-Cu.	7	Ci.-S. NNE	Cu. NEbyE
17..	NW	Calm	Calm	Calm	Calm	Calm	23.6	31.1	28.7	18.2	101.6	6	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
18..	Calm	Calm	Calm	SW	Calm	Calm	18	32	32.5	20.6	103.1	9	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
19..	Calm	Calm	Calm	NW	Calm	Calm	17.9	37.6	44.1	17.2	116.8	9	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. E
20..	Calm	Calm	SW	Calm	Calm	Calm	18.3	31.7	27.4	18.5	95.9	9	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. E
21..	Calm	Calm	Calm	Calm	Calm	Calm	21.7	24.1	22.7	18.8	87.3	10	Ci.-S.	Fr.-Cu.	10	Ci.-S.	Cu.-N.
22..	Calm	Calm	Calm	Calm	Calm	Calm	19.3	26.9	20.4	15.6	82.2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. E
23..	Calm	Calm	Calm	Calm	Calm	Calm	19	13.7	15.9	16.4	65	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. ENE
24..	Calm	Calm	S	NNE	Calm	Calm	21.9	27.6	64.4	21.7	135.6	8	Ci.-S.	Cu.-N. E	8	Ci.-S. E	Cu.
25..	Calm	Calm	NE	E	Calm	Calm	22.5	19.6	30.8	16.6	89.5	10	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. EbyN
26..	Calm	Calm	Calm	S	Calm	Calm	21.1	27.2	35.6	22	105.9	5	A.-Cu. E	S.-Cu.	5	Ci.-S.	Cu. E
27..	Calm	Calm	SW	Calm	Calm	Calm	20.3	31.1	34.8	21.7	107.9	4	Ci.-S.	S.-Cu.	8	Ci.-S. ENE	Cu.-N. E
28..	Calm	Calm	NW	SE	Calm	Calm	19	23.5	40	20.7	103.2	4	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. ENE
29..	Calm	Calm	W	Calm	Calm	NE	17.4	31.1	22.8	17.9	89.2	9	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. NE
30..	NE	Calm	Calm	S	Calm	Calm	18.8	16.6	23.8	29.6	88.8	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. E
31..	Calm	Calm	Calm	SE	W	Calm	22	30.6	53.7	16.7	123	9	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.-N. E
Mean	.....	.....	.....	.....	.....	.....	38.6	46.8	51.4	33.8	170.8	8.5	.....	.....	9.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,294.2	.....	.....	.....	.....	.....	.....

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

NOVEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	56.83	56.86	57.46	55.43	56.17	56.86	56.60	22.6	22.2	26.4	27.4	26.2	23.9	24.8	29.5	21.8	97	98	90	84	92	96	92.8	3.9
2..	56.21	57.41	58.14	56.16	56.28	57.65	56.98	24	24	24.6	25.2	23.8	23.3	24.2	26.5	22.9	96	98	98	95	97	96	96.7	18.3
3..	57.30	57.49	58.25	56.35	57.02	58.24	57.44	23.2	23.6	28.7	29	27.4	26	26.3	30	22.9	97	97	74	70	77	89	84	10.9
4..	57.64	58.22	58.54	57.14	58.24	58.71	58.08	24.4	24	29.9	29.2	27.1	24.9	26.6	32.5	23.7	99	99	70	78	83	92	86.8	1.3
5..	58.42	58.67	59.82	57.06	58.01	58.81	58.46	24.4	24.6	24.3	25.4	25.4	24.4	24.8	26.5	23.9	97	94	99	96	92	91	94.8	25.5
6..	57.68	58.44	59.53	57.37	58.06	59.06	58.36	25.2	23.4	27.5	27.6	25.6	25.6	25.8	28.4	23.2	85	99	82	73	84	84	84.5	.8
7..	58.11	58.84	59.64	57.65	58.40	59.56	58.70	24.6	24	26.4	27.4	26	24.6	25.5	29.2	23.6	94	96	92	77	87	92	89.7	2.5
8..	58.38	59.03	59.45	57.18	57.45	58.38	58.31	23.4	22.7	29.9	27	27.2	23.4	25.6	30.9	22	96	97	75	86	87	96	89.5	5.1
9..	56.97	56.98	57.52	55.37	56.02	57.59	56.74	22.1	23	24.8	24.8	24.3	22.4	23.6	26.6	21.8	98	97	97	95	97	97	96.8	7.7
10..	56.70	57.30	58.05	56.33	57.10	58.37	57.31	21.6	21	29.1	29.4	25.4	23.4	25	31.4	20.6	99	99	74	74	95	97	89.7	1.3
11..	57.23	57.74	58.21	56.19	57.62	58.83	57.64	22.3	21.7	29.2	30.8	26.2	24.3	25.8	32.6	21.2	97	98	70	73	90	96	87.3	.5
12..	57.76	57.97	58.85	56.28	57.63	58.52	57.84	23.2	22.4	30	30.9	26.8	25.4	26.4	31.8	22.1	97	96	77	66	92	96	87.3	5.9
13..	57.69	58.45	58.81	56.55	57.35	58.21	57.84	23.7	23.5	28.8	28.2	26	24.4	25.8	31.2	22.9	97	96	83	82	91	96	90.8	2
14..	56.38	56.38	55.73	54.37	55.72	56.58	55.86	24.1	24.4	24.9	25.2	24.9	24.2	24.6	26.2	23.8	98	98	90	94	97	97	95.8	20.1
15..	56.28	56.38	57.43	54.99	55.97	57.12	56.36	23.9	23.9	27	29.8	26.4	24.8	26	31.2	23.6	99	99	88	75	88	96	90.8	2.5
16..	56.27	56.83	57.72	56.34	57.28	58.38	57.14	24.6	24.6	26.6	28.4	26.4	23.8	25.7	29.4	23	97	96	89	78	88	95	90.5	.5
17..	57.44	57.80	58.62	56.37	57.46	58.23	57.65	23.6	23	28.2	30	27.2	24.9	26.2	30.8	22.8	97	98	79	71	87	94	87.7	.....
18..	57.17	58.12	58.51	56.38	57.48	58.55	57.70	23.9	22.5	29.6	31.7	27.4	23.9	26.5	32.1	22.2	96	97	75	64	84	91	84.5	.....
19..	57.55	58.03	58.74	56.78	57.86	58.47	57.90	22.9	21.9	28.4	31.2	27.4	24.9	26.1	31.7	21.6	96	98	77	69	83	87	85	.....
20..	57.88	58.82	59.30	57.17	58.34	59.27	58.46	23.8	22.2	30.8	32.3	28.4	24.4	27	32.6	21.9	93	97	71	64	76	91	82	.....
21..	58.14	59.27	59.30	57.26	58.30	59.45	58.62	22.9	22.6	30.2	31.9	25.7	24.6	26.3	33	22.2	96	97	64	62	94	94	84.5	18.8
22..	57.82	58.64	59.64	57.27	58.35	58.87	58.43	24.1	23.8	25.2	27.4	25.6	24.4	25.1	28.1	23.5	97	98	95	84	94	96	94	3.9
23..	57.48	58.09	58.82	55.63	57.10	58.17	57.55	25.8	23.9	27	26.4	26	25.2	25.7	27.5	23.2	78	91	79	81	84	89	83.7	3.8
24..	56.57	56.89	58.19	55.77	56.70	57.82	56.99	23.9	23.9	25.4	28.7	25.9	24.3	25.4	29	23.2	97	92	93	80	92	97	91.8	3.3
25..	56.93	57.57	59.22	56.99	58.10	59.42	58.04	24.6	23.6	25.4	27.9	25.9	23.9	25.2	28.6	22.8	97	98	96	81	93	96	93.5	1.8
26..	57.87	58.67	59.43	57.08	58.43	58.85	58.39	22.9	22.8	27.3	30	27.5	24.9	25.9	31.3	22.4	97	98	85	69	82	92	87.2	.....
27..	58.09	58.49	59.23	56.74	57.86	58.86	58.21	23.8	22.4	28.9	30.5	27.4	23.4	26.1	31.1	22.2	97	97	75	67	72	91	83.2	.....
28..	58.54	59.43	60.03	58	58.72	59.96	59.11	22.3	22.2	29.6	32.1	28.7	26.4	26.9	32.4	21.9	96	97	70	65	74	78	80	.....
29..	59.33	59.86	60.84	58.87	59.78	60.64	59.89	22.7	21.6	28.6	30.8	27.6	24.4	26	32	21.2	96	97	71	69	73	91	82.8	1.8
30..	59.62	59.98	60.74	58.62	58.99	59.97	59.65	23.4	22.9	26.8	26.3	26.6	23.3	24.9	29.2	22.1	95	96	86	95	83	93	91.3	4.8
Mean	57.54	58.09	58.79	56.66	57.59	58.58	57.88	23.6	23.1	27.6	28.8	26.4	24.4	25.7	30.1	22.5	95.7	96.9	82.4	77.1	86.8	92.9	88.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	147

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	Calm	Calm	SE	Calm	Calm	16.1	16.7	18	17.7	68.5	10	Ci.-S.	Cu.-N. EbyN	10	Ci.-S.	Cu.-N. N
2..	Calm	Calm	Calm	Calm	Calm	Calm	22.2	17.7	19	19.3	78.2	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
3..	Calm	Calm	Calm	SE	SE	SE	19.3	24.4	51.3	23.1	118.1	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
4..	Calm	Calm	SE	SE	Calm	NE	13.5	35.9	57.1	27.7	134.2	10	Ci.-S.	Cu.-N. E	9	A.-Cu. ESE	Cu.-N.
5..	Calm	N	Calm	NW	Calm	Calm	20.3	24.9	30.3	19.1	94.6	10	Ci.-S.	Cu.-N. EbyN	10	Ci.-S.	Cu.-N. E
6..	E	Calm	Calm	NE	Calm	Calm	26.2	27.9	36.4	22.2	112.7	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
7..	Calm	Calm	Calm	Calm	Calm	Calm	15.3	17.2	21.4	15.5	69.4	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. EbyN
8..	Calm	Calm	S	Calm	Calm	Calm	17.5	34.8	15.9	18.3	86.5	9	Ci.-S.	Cu.-N. E	9	Ci.-S. NE	Cu.-N. ENE
9..	Calm	Calm	Calm	S	Calm	Calm	18	15.1	48.6	21.1	102.8	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
10..	Calm	Calm	SE	E	Calm	Calm	23.5	29	38.1	20.1	110.7	4	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. E
11..	Calm	Calm	NW	S	Calm	Calm	21.9	34.1	38.4	15	109.4	7	Ci.-S. SE	S.-Cu.	8	Ci.-S.	Cu.-N. N
12..	Calm	Calm	SW	N	Calm	Calm	18.5	26	44.6	11.8	100.9	5	Ci.-S.	Fr.-Cu.	8	Ci.-S. SEbyE	Cu.-N.
13..	Calm	Calm	W	Calm	Calm	Calm	13.7	25.5	29	16.7	84.9	9	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. N
14..	Calm	Calm	Calm	N	Calm	Calm	7.8	25.9	29	17.1	79.8	10	Ci.-S.	Cu.-N. N	10	Ci.-S.	Cu.-N. ENE
15..	Calm	Calm	Calm	WSW	Calm	Calm	15.8	24.3	30.9	13.1	84.1	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. ENE
16..	Calm	Calm	Calm	SE	Calm	Calm	20.1	23	23.1	16.9	83.1	10	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.-N. E
17..	Calm	Calm	SE	SE	Calm	Calm	15.6	23	31.9	16.3	86.8	9	Ci.-S. NE	S.-Cu.	9	Ci.-S.	Cu.-N.
18..	Calm	Calm	SE	S	Calm	Calm	17.5	36.7	51.5	18.8	124.5	4	Ci.-S.	S.-Cu.	5	Ci.	Cu.
19..	Calm	Calm	Calm	SE	Calm	Calm	19	31.9	88.2	16.9	156	7	Ci.-S.	S.-Cu.	5	Ci.-S.	Fr.-Cu.
20..	Calm	Calm	SE	S	Calm	Calm	17.9	34.3	54.2	18.5	124.9	4	Ci.	Fr.-Cu	4	Ci.	Cu.
21..	Calm	Calm	S	S	Calm	Calm	15.9	30.6	40.2	17.5	104.2	7	Ci.-S. E	S.-Cu.	8	Ci.-S.	Cu.-N. NE
22..	Calm	Calm	Calm	NW	Calm	Calm	16.3	19.8	23.9	19.6	79.6	10	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.-N.
23..	NE	Calm	Calm	SE	Calm	Calm	38.3	36.7	26	22	123	10	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.-N.
24..	Calm	NW	Calm	NW	Calm	Calm	25.9	23.1	25.4	16.4	90.8	10	Ci.-S. ESE	Cu.-N. NEbyE	10	Ci.-S. EbyS	Cu.-N.
25..	Calm	Calm	Calm	E	Calm	Calm	17.5	9.7	20.1	15.6	62.9	10	Ci.-S.	Cu.-N. EbyN	10	Ci.-S.	Cu.-N.
26..	Calm	Calm	E	SE	Calm	Calm	12.9	14.5	35.9	13.9	77.2	8	A.-Cu.	S.-Cu.	9	A.-Cu. ESE	Cu.-N. E
27..	Calm	Calm	Calm	SE	Calm	Calm	14	24.9	37.3	20.7	96.9	8	Ci.-S.	S.-Cu.	7	Ci.-S. E	Cu.
28..	Calm	Calm	S	S	Calm	SE	20.6	25.4	50.2	27.1	123.3	6	A.-Cu. E	S.-Cu.	6	Ci.-S.	Cu.
29..	Calm	Calm	Calm	SE	N	Calm	21.9	25.2	40.2	31.9	119.2	4	Ci.	S.-Cu.	9	A.-Cu.	Cu.-N. E
30..	Calm	Calm	Calm	Calm	SE	Calm	21.1	16.9	17.2	24.1	79.3	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	18.8	25.2	35.8	19.1	98.9	8.4	.....	.....	8.8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,966.5	.....	.....	.....	.....	.....	.....

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

DECEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.34	59.87	60.41	57.98	58.55	60.26	59.40	22.1	21.4	28	30	25.4	23.4	25	32.1	20.9	96	95	77	65	95	96	87.3	3.8
2..	58.84	59.81	60.09	58.12	58.97	59.57	59.23	22.3	21.5	29.2	29.4	26	24	25.4	32.2	21.3	97	99	70	71	92	95	87.3	1.3
3..	58.75	59.69	60.42	58.49	59.24	60.14	59.46	22.5	21.5	29.7	29.7	27.1	23.4	25.6	32.	21.3	97	98	72	75	81	91	85.7	.3
4..	59.17	59.59	60.22	58.03	59.31	60.35	59.44	24.1	24.3	29.9	29.4	25.8	24	26.2	32.6	21.8	82	82	59	68	88	97	79.3	8.3
5..	59.04	59.15	59.18	57.44	58.10	58.65	58.59	23.9	23.3	28.8	29	25.6	25.4	26	31.8	22.8	96	96	68	68	86	84	83	.....
6..	57.19	57.59	57.45	55.33	56.42	56.71	56.78	23	22.4	29.2	30	26.4	24.2	25.9	30.9	22.2	96	96	72	66	89	93	85.3	.5
7..	55.53	56.02	56.51	53.87	55.11	55.62	55.44	23.7	23.2	26	30	27.4	25.2	25.9	31	22.7	94	97	89	71	84	89	87.3	1.8
8..	54.53	55.38	55.97	54.02	55.21	56.45	55.26	24.9	24	24.8	29	27.2	24.9	25.8	30.5	23.6	92	97	98	74	87	94	90.3	6.4
9..	55.61	56.97	57.96	56.02	57.25	58.85	57.11	23.6	22.5	28.8	31.9	27.8	24.4	26.5	32.4	22.2	98	97	71	67	83	93	84.8	.....
10..	57.44	57.99	58.06	55.76	56.94	57.90	57.35	23.5	22.4	28.9	31.8	27.5	26	26.7	32.2	22.3	97	98	69	70	88	83	84.2	.5
11..	56.62	57.30	58.20	56.01	57.13	58.04	57.22	23.8	22.6	29.2	28.9	24.9	23.4	25.5	30.2	22.4	97	98	72	78	96	97	89.7	20.9
12..	56.83	57.23	58.37	56.72	57.33	58.33	57.47	22.4	22.3	28.7	31.8	27.8	23.6	26.1	32.3	21.8	97	97	74	66	68	92	82.3	.3
13..	57.89	58.13	58.46	56.78	57.74	59.19	58.03	22.4	21	28.9	31.2	27.8	23.4	25.8	32.1	20.8	96	98	71	61	83	91	83.3	.....
14..	58.08	57.91	59.30	57.45	57.58	58.72	58.17	21.4	20	28.3	31.6	28.4	23.9	25.6	32.8	19.4	95	95	68	62	71	91	80.3	.....
15..	58.05	58.55	59.13	56.67	57.25	58.61	58.03	22	21	29.4	31.4	26.4	23.5	25.6	32.3	20.7	95	95	64	65	91	95	84.2	2.8
16..	57.74	57.43	57.91	55.83	57.02	57.82	57.29	22.8	22.5	28.6	29	25.2	22.7	25.1	32.2	21.7	95	96	73	78	93	96	88.5	6.6
17..	56.84	57.68	58.19	56.04	57.50	58.45	57.45	20.9	20.2	28.7	30.8	27.6	23.9	25.4	31.8	19.9	98	98	74	68	87	91	86	.....
18..	57.60	58.41	58.85	56.73	58.11	58.90	58.10	22	21.4	29.4	31.2	27.6	24	25.9	32	21.3	96	97	71	69	81	93	84.5	.5
19..	57.94	58.62	58.97	56.86	58.01	58.73	58.19	22.4	23.1	28.4	31.8	27.6	24.2	26.2	32.1	22.1	95	97	75	58	71	85	80.2	.....
20..	57.54	58.17	58.36	56.71	57.76	58.59	57.86	24	21.9	30.2	32.7	27.5	22.9	26.5	33	21.6	86	96	61	52	71	93	76.5	.....
21..	57.94	58.64	58.57	56.19	57.01	58.22	57.76	22.4	20.9	28.6	31	27.5	23.4	25.6	31.9	20.8	95	95	73	63	73	88	81.2	.....
22..	57.32	58.33	58.94	56.58	57.14	58.31	57.77	22.4	21.6	28.8	30	26.9	23.4	25.5	32	21.2	91	96	68	69	84	97	84.2	6.4
23..	56.87	57.42	58.40	57.03	57.23	58.49	57.57	22.4	22.2	26.8	26.4	25.4	24	24.5	29.2	21.7	96	96	84	88	84	95	90.5	3
24..	56.99	57.52	58.50	56.01	57.01	57.04	57.18	23.9	23.8	26.4	26.4	25.4	24	25	26.9	23.2	96	98	88	89	95	97	93.8	3.1
25..	56.49	56.77	57.20	55.10	55.56	56.62	56.29	23.1	22.3	28.9	29.9	26.2	23.9	25.7	31.4	22.1	97	97	71	67	89	97	86.3	1.3
26..	55.87	55.92	57.05	54.80	55.88	56.69	56.04	23.2	22.9	28.4	28	25.2	24	25.3	30.4	22.6	97	97	75	83	89	97	89.7	.5
27..	56.07	56.34	56.92	55.40	56.10	57.31	56.36	23	23.4	28.3	27.2	25.4	24.4	25.3	31.3	22.7	98	97	70	88	95	97	90.8	10.9
28..	56.23	56.32	57.51	55.40	56.10	57.49	56.51	24.1	23.9	28.4	26.7	25.2	24.2	25.4	30.2	23.6	97	97	77	91	98	97	92.8	28.4
29..	57.03	57.30	58.36	56.33	56.74	57.82	57.26	23.9	23	27	29	26	23.9	25.5	30	22.8	96	99	80	74	91	96	89.3	.....
30..	56.79	57.17	58.41	56.04	57.56	58.32	57.38	22.9	22.2	29.6	29.9	25.4	24.4	25.7	31.4	22	98	98	73	74	92	96	88.5	.8
31..	57.57	58.24	58.78	57.22	57.61	59.33	58.12	23.9	23.4	26.2	25.9	25.4	24.6	24.9	29.8	22.6	97	98	90	92	96	98	95.2	1.8
Mean	57.28	57.79	58.41	56.36	57.24	58.24	57.55	23	22.3	28.4	29.7	26.5	24	25.6	31.4	21.9	95.3	96.5	74.1	71.9	86.2	93.4	86.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	110.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	NE	Calm	Calm	Calm	23.1	25.4	29.8	18.8	97.1	4	A.-Cu.	S.-Cu.	8	Ci.-S. ESE	Cu.-N.
2..	Calm	Calm	Calm	Calm	Calm	Calm	14.2	25.4	32.7	21.7	94	7	Ci.-S. ESE	S.-Cu.	10	Ci.-S.	Cu.-N. E
3..	Calm	Calm	Calm	SW	Calm	Calm	20.3	29	40.5	19	108.8	7	A.-Cu.	S.-Cu.	8	Ci.-S.	Cu.-N. NE
4..	NE	N	SW	N	Calm	Calm	29.3	38.6	39.6	18.3	125.8	5	Ci.-S.	Cu.-N. EbyN	8	Ci.-S.	Cu.-N. E
5..	Calm	Calm	NE	NE	N	NE	26.8	45.3	63	27.1	162.2	9	Ci.-S. E	Cu.-N. ENE	10	Ci.-S.	Cu.-N. EbyN
6..	Calm	Calm	SW	SE	Calm	Calm	18.3	30.9	32	18	99.2	9	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Cu.-N. NE
7..	Calm	Calm	Calm	W	Calm	Calm	15.1	19.9	36	15.5	86.5	10	Ci.-S.	Cu.-N.	8	A.-Cu.	Ebys Cu.-N. NE
8..	Calm	Calm	Calm	SW	Calm	Calm	14.7	13.2	27.7	15.5	71.1	10	Ci.-S.	Cu.-N. NEbyE	9	Ci.-S.	Cu.-N.
9..	Calm	Calm	S	S	Calm	Calm	17.5	25.9	44.3	16.1	103.8	9	A.-Cu. SbyW	S.-Cu.	9	Ci.-S.	Cu.
10..	Calm	Calm	S	S	Calm	Calm	17.9	27.9	34	20.9	100.7	6	Ci.-S.	S.-Cu.	7	Ci.-S.	Fr.-Cu.
11..	Calm	Calm	NW	Calm	Calm	Calm	17.4	30.3	24.4	13.2	85.3	8	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. E
12..	Calm	Calm	NW	Calm	N	NE	19	20.7	22.5	31.2	93.4	10	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.-N. ENE
13..	Calm	Calm	N	SW	Calm	Calm	21.7	32.7	35.6	18	108	4	Ci.	Cu.	7	Ci.-S.	Cu. E
14..	Calm	Calm	W	S	S	Calm	19.5	23.8	42.1	21.4	106.8	2	Ci.	Cu.	6	Ci.	Cu. NE
15..	Calm	Calm	W	S	Calm	Calm	20.6	28.2	34.9	17.5	101.2	6	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. ENE
16..	Calm	Calm	N	SE	Calm	Calm	21.2	27.4	47	21.4	117	8	A.-Cu. E	Cu.-N. NE	8	A.-Cu. E	Cu. NE
17..	NE	Calm	Calm	S	Calm	Calm	26.2	27.6	25.1	15.5	94.4	6	Ci.-S. ESE	S.-Cu.	9	Ci.-S.	Cu.-N. ENE
18..	Calm	NW	SW	S	Calm	Calm	21.2	39.6	48.9	18.5	128.2	6	Ci.-S.	S.-Cu.	8	Ci.-S. ESE	Cu. ENE
19..	N	Calm	N	SE	NE	Calm	23	27.1	40	18.5	108.6	8	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.-N. ENE
20..	NE	Calm	Calm	NE	Calm	Calm	23.3	40.5	60.7	22.8	147.3	6	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu. E
21..	NW	Calm	W	SE	NE	Calm	23	38	77.2	28.2	166.4	7	Ci.-S.	S.-Cu.	8	Ci.-S. ESE	Cu. ENE
22..	NE	Calm	N	Calm	Calm	Calm	25.5	40	41	23.8	130.3	7	Ci.-S.	S.-Cu.	9	Ci.-S. EbyS	Cu.-N. E
23..	NE	Calm	WNW	Calm	E	Calm	26.6	24.7	30.1	17.7	99.1	9	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.-N. E
24..	Calm	Calm	N	Calm	Calm	Calm	14.8	16.7	12.1	8.9	52.5	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N.
25..	Calm	Calm	W	S	Calm	Calm	14.2	22.7	36.7	19	92.6	10	A.-cu. swbys	S.-Cu.	9	Ci.-S.	Cu.-N. ENE
26..	Calm	Calm	Calm	Calm	NW	Calm	15.5	21.4	36	15.1	88	9	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
27..	Calm	Calm	W	Calm	Calm	Calm	17.5	25.9	29.6	12.1	85.1	10	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.-N. NE
28..	Calm	Calm	N	S	Calm	Calm	14.3	29.3	26.4	31.2	101.2	10	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.-N.
29..	Calm	Calm	Calm	SE	Calm	Calm	13.7	20.3	27.6	14.7	76.3	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
30..	Calm	Calm	S	S	Calm	Calm	15.6	25.7	36.7	13.9	91.9	8	Ci.-S.	S.-Cu.	9	Ci.-S. E	Cu.-N.
31..	Calm	Calm	W	Calm	Calm	Calm	11.5	23.8	19.6	10.2	65.1	10	Ci.-S.	Cu.-N. S	10	Ci.-S.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	19.4	28	36.6	18.8	102.8	7.7	.....	.....	8.8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,187.9	....	.....	.....	....	.....	.....

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, −1.82 mm.]

JANUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1..	57.82	58.78	59.76	57.36	58.65	59.55	58.65	24	22.8	28.8	30.2	26.5	24.6	26.2	30.5	22.2	95	97	79	73	85	93	87	.....
2..	57.89	58.63	60	57.40	59.01	59.76	58.78	24.5	24.3	28.3	28	25.9	24.6	25.9	31.9	23.4	96	96	75	82	91	95	89.2	2.3
3..	58.39	59.20	60.27	58.14	59.64	60.67	59.38	24.5	24.1	28.6	24.6	25.2	24.6	25.3	30.2	23.2	96	97	77	95	90	95	91.7	36.5
4..	59.57	60.29	61.67	59.64	60.83	62.52	60.75	24.2	24.1	27.4	29	26	24.6	25.9	29.1	23	94	95	89	74	79	87	86.3	9.9
5..	62.08	62.71	63.83	62.06	63.11	63.98	62.96	24.2	24	26.5	26.3	25.2	23.5	25	28.7	21.8	82	80	76	74	74	85	78.5	1.7
6..	62.83	63.17	63.77	61.65	61.73	62.12	62.54	23.5	22.9	25.5	25	24.5	24.5	24.3	28.3	21.9	82	88	80	82	79	82	82.2	.4
7..	61.02	61.29	62.53	60.34	61.52	62.47	61.53	24.2	25	27.5	29.5	26	24.2	26.1	30.1	23	82	77	73	58	76	88	75.7	.....
8..	61.56	61.91	63.31	61.65	62.27	63.10	62.30	23.4	23	29	27.6	25.9	25	25.6	29.9	22	92	95	72	76	81	87	83.8	.5
9..	62.52	62.94	63.60	61.31	62.18	63.57	62.69	23.9	24.1	27.7	29	25.2	24.5	25.7	29.8	23	91	91	78	69	85	87	83.5	4.8
10..	62.47	62.56	63.16	61.34	61.91	62.59	62.34	24	24.6	28	27.5	25.4	24.4	25.6	30.4	23	91	87	77	79	88	91	85.5	24.4
11..	61.38	61.62	62.87	60.32	61.03	62.09	61.55	24	24.1	24.3	24.1	23.5	23.6	23.9	27.3	22.6	95	91	92	91	92	90	91.8	53.9
12..	60.74	60.88	61.42	59.44	60.28	61.33	60.68	23.5	24.2	27	28.4	26.1	24.5	25.6	29.8	22.5	91	90	80	75	83	91	85	.1
13..	60.04	59.91	60.97	58.99	59.78	60.73	60.07	24	24	27.4	30.4	25.6	24.5	26	30.5	23.1	93	96	81	68	87	96	86.8	11.8
14..	59.33	59.59	61.47	58.60	59.22	60.31	59.75	24.9	24.6	23.5	25.5	25.7	24.5	24.8	26.3	22.8	92	91	96	88	89	94	91.7	18.5
15..	59.21	59.46	60.35	57.81	58.88	59.50	59.20	24	23.9	26.9	28.2	26.4	25	25.7	29	23	96	96	82	74	79	86	85.5	.6
16..	58.29	58.93	59.88	57.78	58.88	59.69	58.91	23.7	24	24.3	25.5	24.8	24.5	24.5	26	22.9	91	93	93	92	93	92	92.3	15.3
17..	58.39	58.84	59.86	57.72	58.04	59.33	58.70	24.4	24.3	25.5	25.8	25.2	24.5	25	27.9	23.5	93	93	94	92	94	96	93.7	31.9
18..	58.05	58.80	58.94	56.27	57.62	59.03	58.12	24.2	24.2	26.4	26.6	25	24.4	25.1	27.8	23.3	97	95	89	90	92	93	92.7	27.2
19..	57.83	57.51	58.52	56.63	57.34	58.61	57.74	24	23.6	23.7	24.5	24.5	24.5	24.1	25.2	22.7	93	95	95	94	96	96	94.8	55
20..	57.63	57.60	58.71	56.45	57.55	58.84	57.80	24.1	24.3	28	29.5	26.5	25.8	26.4	30	23.4	97	96	88	76	89	89	89.2	2.7
21..	57.34	57.69	58.98	56.89	57.98	58.84	57.95	25	24	28.6	30.3	26.9	25.4	26.7	31	23.5	95	97	73	70	86	93	85.7	.....
22..	57.58	58.14	58.87	56.40	57.47	58.65	57.85	24.1	23.9	28.3	29	25.4	25.2	26	31	23	97	97	77	78	90	94	88.8	.....
23..	58.19	58.39	59.03	56.79	57.61	58.64	58.11	24.5	23	29	30.2	26.5	25.7	26.5	31.2	22.3	96	97	78	64	84	89	84.7	.....
24..	57.68	58.53	59.17	57.58	58.21	59.14	58.38	24	24.4	26.6	26.2	23.9	24	24.8	30.9	22.7	95	94	87	86	92	94	91.3	61.3
25..	57.74	58.91	59.57	57.96	59.26	60.15	58.93	24	22.8	28.5	28.2	26.1	25.5	25.8	29.8	22	95	93	74	72	83	88	84.2	.6
26..	59.14	59.46	59.77	57.71	59.02	59.73	59.14	24.8	24	28	29.9	26.1	25	26.3	30.4	23.3	89	91	81	69	83	96	84.8	2.6
27..	58.73	59.48	59.86	58.12	59.04	59.66	59.15	23.5	23.5	28.5	27.4	24.6	24.2	25.3	31.2	22.5	96	96	74	78	89	88	86.3	2
28..	58.06	58.70	59.16	57.81	58.82	59.58	58.69	23.6	23.7	28.5	25	25	24.1	25	30.4	22.9	95	90	75	92	92	91	89.2	4
29..	58.46	58.84	59.66	58	59.30	60.77	59.17	24	24.2	27.2	28.8	26	24.2	25.7	30.5	22.4	95	83	69	79	90	85.2	.....	
30..	59.18	59.49	60.11	57.76	58.56	59.75	59.14	23	22.5	28.6	30.1	26.8	25	26	31.1	21.7	96	96	71	69	71	83	81	.....
31..	58.44	59.13	59.75	57.49	58.03	59.27	58.68	23.5	23	27.4	28.5	26.4	24.2	25.5	30.3	22.1	92	95	76	77	81	88	84.8	.....
Mean	59.28	59.72	60.61	58.50	59.44	60.45	59.67	24	23.8	27.2	27.7	25.6	24.6	25.5	29.6	22.7	92.9	92.9	81.1	78.3	85.5	90.5	86.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	368

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	Calm	S	SE	Calm	9.4	28.8	65.2	30.3	133.7	10	Ci. E	Cu. SE	8	Ci. ESE	S.-Cu. SE
2..	NW	NW	Calm	SE	Calm	Calm	40.8	28	40.7	18.5	128	3	Ci.	S.-Cu.	8	.....	Cu.-N. ESE
3..	WNW	NW	NW	NW	NW	WNW	32.8	45.1	54.4	31.9	164.2	7	A.-Cu. ENE	S.-Cu. E	10	.....	N. ENE
4..	WNW	NW	NE	E	Calm	NW	42.3	33.5	51.8	35.1	162.7	10	.....	S.-Cu. ENE	9	Ci. NE	Cu.-N. ENE
5..	E	Calm	ESE	E	NNW	NW	24.3	50.7	58.5	30.4	163.9	10	A.-Cu.	S.-Cu. ENE	10	.....	Cu.-N. NE
6..	Calm	Calm	Calm	E	NE	NW	30.1	28.4	53.6	35.1	147.2	10	Ci.-S. ESE	S.-Cu. ENE	10	Ci.-S. ESE	Cu.-N. ENE
7..	NW	NW	E	E	Calm	Calm	42	59.2	55.2	26	182.4	10	A.-Cu. E	S.-Cu. NE	9	A.-Cu. SSE	Cu. E
8..	WNW	NW	E	E	Calm	NW	36.8	34.4	38.3	30.1	139.6	10	.....	S.-Cu. ENE	10	.....	Cu.-N. E
9..	NW	NW	ESE	ESE	Calm	Calm	52.8	48.6	58.4	25.7	185.5	10	.....	N.-cf. ENE	8	.....	Cu.-N. ENE
10..	NW	NW	ESE	E	Calm	NW	53.9	44	34.4	49.6	181.9	10	.....	Cu.-N. ENE	10	.....	N. ENE
11..	NW	NW	NW	Calm	NW	NW	63	36.4	38.8	41	179.2	10	.....	N. E	10	.....	N. E
12..	NW	NW	E	E	E	Calm	35.2	38.8	53.7	17.1	144.8	10	A.-Cu. E	Cu.-N. ENE	10	Ci.-S.	Cu.-N. E
13..	NW	WNW	Calm	E	Calm	Calm	37.3	52.1	62.6	15.5	167.5	10	.....	S.-Cu. ENE	8	Ci. SSE	Cu. E
14..	NNW	ENE	E	Calm	Calm	Calm	32	25.2	20.1	23	100.3	10	.....	N. E	10	.....	N.-cf.
15..	WNW	WNW	Calm	Calm	E	NW	56.9	38.9	31.1	33.8	160.7	10	.....	S.-Cu. E	10	Ci.	Cu.-N. E
16..	NW	NW	NW	WNW	Calm	NW	51.8	51.3	33.6	43.5	180.2	10	A.-Cu. E	S.-Cu. ENE	10	.....	N. ENE
17..	NW	NW	NW	WNW	Calm	NW	63.6	60.9	35.4	27.1	187	10	.....	Cu.-N. E	10	.....	N. E
18..	NW	NW	NW	Calm	Calm	NW	59.8	38.8	28.8	42.3	169.7	10	.....	N. E	10	.....	N. ENE
19..	NW	NW	Calm	Calm	SE	Calm	68.4	47.8	32.5	51	199.7	10	.....	S.-Cu. NE	10	.....	N. SE
20..	Calm	SE	E	SE	SE	SE	47.2	43.5	92.5	37.3	220.5	10	A.-S.	Cu.-N. ESE	4	.....	Cu.-N. SE
21..	NW	Calm	SE	SE	Calm	Calm	29.6	30.4	53.7	22.2	135.9	10	A.-Cu. SE	S.-Cu.	8	Ci.	Cu.-N.
22..	W	NW	Calm	ESE	Calm	Calm	36.4	28	55.3	22.3	142	10	Ci.-S.	Cu.	10	.....	Cu.-N. NE
23..	W	Calm	Calm	SE	Calm	NW	19.3	25.9	50.5	21.4	117.1	5	.....	S.-Cu.	6	A.-Cu. ENE	Cu.-N. E
24	Calm	NW	Calm	Calm	E	Calm	26.2	28.5	38.4	32.7	125.8	10	.....	S.-Cu. ENE	10	.....	N. NE
25..	WNW	Calm	ESE	SE	SE	Calm	47.5	55.7	102	28	233.2	10	A.-Cu. E	Cu.-N. ESE	10	Ci.-S. S	Cu. E
26..	Calm	Calm	WNW	SE	E	Calm	24.3	38.8	48.6	18	129.7	8	.....	S.-Cu. E	9	Ci. SSE	Cu. E
27..	Calm	Calm	Calm	ESE	Calm	NW	24.7	29.2	61.7	30	145.6	10	Ci.-S. SSW	S.-Cu.	10	.....	Cu.-N. E
28..	WNW	Calm	Calm	SE	Calm	WNW	30.4	30.6	67.9	45.9	174.8	10	.....	S.-Cu. E	10	.....	N. SE
29..	WNW	WNW	WNW	SE	SE	Calm	49.3	25.2	41.2	18.8	134.5	10	.....	S.-Cu. E	10	.....	S.-Cu. ESE
30..	NW	NW	Calm	SE	E	Calm	30.8	31.7	51.7	38.4	152.6	4	Ci. S	Cu. E	6	Ci. S	Cu. E
31..	WNW	W	Calm	SE	E	Calm	36	28.5	58.4	23.5	146.4	5	.....	S.-Cu.	10	Ci.-S.	Cu.-N. SE
Mean	.....	.....	.....	.....	.....	.....	39.8	38.3	50.6	30.5	159.2	9.1	.....	.....	9.1	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,936.3	.....	.....	.....	.....	.....	.....

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

FEBRUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.93	58.58	59.33	57.37	58.28	59.21	58.45	23.7	22.9	26.8	27.5	24.6	23.5	24.8	28.9	22.2	92	94	81	83	90	96	89.3	19.9
2..	57.90	58.29	59.23	56.97	58.05	59.65	58.35	23.6	23.5	27.3	28.4	25.6	25.5	25.6	29.7	22.6	95	94	84	75	84	83	85.8	3.8
3..	58.30	58.95	60.28	58.73	59.63	61.37	59.54	23.5	24	28	24.5	25.1	25	25	29	22.5	91	91	77	91	83	79	85.3	9.1
4..	60.34	60.12	61.62	59.50	60.53	62.15	60.71	25.1	24.2	27.8	28.1	25.9	25	26	29.9	23.4	80	82	79	70	75	80	77.7	.6
5..	60.64	61.12	62.15	60.25	61.10	62.40	61.28	24.7	23.5	29	30.1	26.5	25.8	26.6	30.6	23	82	90	68	67	73	81	76.8	.....
6..	61.31	61.72	62.82	60.95	61.76	62.46	61.84	23.3	23.8	28.3	29.2	26.2	25.2	26	30.4	22.9	91	89	72	65	75	82	79	5.3
7..	61.08	61.37	62.63	60.68	60.78	62.12	61.44	24.4	24	25.5	25.2	25.5	24.6	24.9	27.2	23	92	90	91	92	84	91	90	13.6
8..	60.97	61.08	61.82	59.97	60.35	61.82	61	24.5	23.2	28.9	25.7	25.7	24.5	25.4	30.3	22.5	91	97	73	88	89	96	89	6.8
9..	60.67	60.74	61.50	59.20	60.53	61.08	60.62	23.8	23.8	26.9	28.5	24	23.9	25.2	30	23	97	97	80	78	91	93	89.3	8.2
10..	60.04	60.72	61.92	59.62	60.54	61.72	60.76	24	24	27.8	26.5	23.8	23.4	24.9	29.2	22.4	95	95	75	86	91	93	89.2	31.8
11..	60.27	60.23	61	58.94	59.59	61.15	60.20	23.6	23	28	25.2	25	25.5	25	29.5	22.4	95	96	81	90	92	86	90	13.6
12..	60.38	60.44	61.45	59.55	60.44	61.52	60.63	24.8	23	27	27.7	25	24	25.2	29.5	22	90	96	84	83	92	96	90.2	1.3
13..	60.32	60.43	61.32	59.24	60.79	62.07	60.70	23.9	24	26.6	26.1	24.1	23.6	24.7	27.4	22.5	95	95	86	91	95	95	92.8	57.8
14..	60.09	60.14	61.33	59.13	60.05	61.36	60.35	23.6	23.9	24.8	27.4	25.7	24	24.9	28	22.6	95	97	93	85	82	95	91.2	15.4
15..	60.43	60.63	61.70	59.12	60.26	61.48	60.60	23.7	24	28.8	30	26.2	23.7	26.1	30.5	22.9	94	93	72	71	82	94	84.3	6.8
16..	59.88	60.29	61.26	58.80	59.70	60.34	60.04	24	23.7	26.5	28.5	25.5	24.1	25.4	29.8	22.9	95	96	85	78	88	95	89.5	3
17..	58.65	59.59	60.52	58.21	58.44	59.70	59.18	23.3	23.4	27.5	27.1	25.5	24.6	25.2	30.5	22.1	96	97	79	82	88	93	89.2	1.2
18..	58.32	58.38	59.56	57.13	57.28	58.71	58.23	24.4	23.3	26.5	27.7	25	24.3	25.2	27.9	22.2	93	94	81	79	88	94	88.2	.2
19..	57.49	57.69	58.83	56.72	57.67	58.80	57.87	23.8	23.4	28.5	28.5	26.2	24.9	25.9	30.6	22.5	97	97	78	77	85	92	87.7	.....
20..	57.89	58.25	59.33	57.83	58.75	60.07	58.77	24	23.4	29	30.5	24	24.5	25.9	31	22.1	96	97	78	67	93	92	87.2	44.4
21..	59.44	60.03	61.13	59.47	59.81	61.09	60.16	24	23.8	25	24.5	24	23.5	24.1	25.7	22.4	93	90	83	92	96	96	91.7	51.7
22..	60.18	59.88	60.93	59.03	59.58	60.48	60.01	23	23	24.8	26.3	24.3	24.3	24.3	27.2	22.2	95	96	88	85	92	91	91.2	17.7
23..	59.54	59.48	59.88	57.89	58.55	59.51	59.14	23.8	23.7	27.2	26.5	24.5	24.6	25	29.4	23	93	94	87	86	96	95	91.8	15.5
24..	57.75	58.54	59.25	57.35	57.93	59.37	58.36	24.4	23.6	29.4	28.6	26.4	25.4	26.3	30.8	22.8	93	97	75	79	81	83	84.7	.4
25..	58.14	58.41	59.28	57.42	58.17	59.22	58.44	22.7	22.9	27.8	27.3	26.2	24.4	25.2	31.2	21.5	94	96	75	82	89	91	87.8	2.7
26..	58.13	58.31	58.72	56.57	57.27	58.63	57.94	23.8	22.9	29	30	25	24.7	25.9	31	22.1	90	97	74	73	90	94	86.3	16.6
27..	57.05	57.71	58.48	56.30	56.95	57.53	57.34	23.5	23.6	28.5	30.5	25.8	24.4	26	31.3	22.5	96	98	78	62	87	92	85.5	.....
28..	56.36	57.15	58.14	56.42	57.08	58.27	57.24	23.8	23.1	26.8	28.5	26	24.3	25.4	29.7	22.4	95	96	86	80	87	93	89.5	4.1
Mean	59.27	59.58	60.57	58.51	59.28	60.47	59.61	23.9	23.5	27.4	27.7	25.3	24.5	25.4	29.5	22.5	92.9	94.3	80.1	79.9	87.1	90.8	87.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	351.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*K.m.*	*Km.*	*0–10*			*0–10*		
1..	W	Calm	NW	SSE	Calm	W	30.3	30.9	45.6	22.7	129.5	10	Ci. SE	S.-Cu. E	10	.....	N. ESE
2..	WNW	WNW	Calm	ESE	E	Calm	38.1	33	69.2	34.4	174.7	10	.....	N. E	10	A.-Cu.	S.-Cu. E
3..	Calm	NW	Calm	SE	Calm	E	30.3	40.2	45.7	25.7	141.9	10	.....	Cu.-N. E	10	.....	N. E
4..	ESE	ESE	ESE	SE	E	E	38	49.6	86.4	48.6	222.6	10	Ci.-S. S	S.-Cu. E	10	A.-Cu. S	Cu.-N. E
5..	Calm	Calm	SE	SE	E	ESE	27.4	47	90.6	51	216	3	Ci. SSW	Cu. ESE	10	.....	Cu.-N. E
6..	Calm	Calm	SE	ESE	E	E	17.2	56.3	79.2	43.3	196	10	Ci. SW	Cu. ESE	10	Ci.-S.	Cu. E
7..	SE	Calm	Calm	E	E	E	44.8	26.4	44	44.9	160.1	10	A.-Cu. ESE	S.-Cu. E	10	.....	N. E
8..	Calm	WNW	Calm	E	Calm	NW	22	31.9	38.6	30.9	123.4	5	Ci. SSW	s.-cu. ESE	10	.....	N. E
9..	Calm	WNW	NW	SE	NW	WNW	34.1	29.5	41.3	56	160.9	10	.....	s.-cu. ESE	10	Ci.-S.	Cu.-N. ESE
10..	NW	WNW	Calm	ESE	Calm	NW	59.5	35.2	44.3	29.6	168.6	10	A.-Cu. E	S.-Cu. NE	10	.....	N. ENE
11..	Calm	Calm	E	ESE	Calm	SE	17.4	42	54.5	55.5	169.4	9	Ci, A.-CU. E	S.-Cu. ENE	10	.....	N. ESE
12..	Calm	Calm	Calm	SE	NNW	Calm	29.5	27.4	55.2	34	146.1	10	A.-Cu. E	s.-cu. ESE	10	.....	Cu.-N. SE
13..	NW	NW	NW	Calm	S	NW	42.3	41.3	35.7	24.4	143.7	10	.....	S.-Cu. E	10	.....	N. E
14..	Calm	Calm	Calm	Calm	E	Calm	23.3	20.6	48.1	35.2	127.2	10	.....	N. E	10	.....	N. E
15..	WNW	Calm	ESE	NE	E	Calm	18.7	40.4	48.5	30.6	138.2	5	Ci. SE	S.-Cu.	7	.....	Cu.-N. E
16..	Calm	NW	Calm	SE	E	Calm	29.6	27.1	66.3	33.3	156.3	10	.....	S.-Cu. E	10	Ci.-S. E	Cu.-N. SE
17..	WNW	NW	NW	SE	Calm	Calm	37.5	49.3	81.1	22.8	190.7	10	.....	N. E	10	Ci.-S. E	Cu.-N. SE
18..	Calm	Calm	ESE	SE	SE	Calm	18	28.2	69.2	15.9	131.3	10	.....	s.-cu. ESE	10	.....	Cu.-N. SE
19..	Calm	Calm	ESE	SE	S	Calm	24.3	40.8	72.7	22	159.8	10	Ci. E	S.-Cu. SE	10	Ci.-S. E	Cu.-N. SE
20..	Calm	Calm	Calm	SSE	WNW	WNW	17.7	32.2	67.6	40.7	158.2	7	Ci. SE	Cu. ESE	7	Ci. SE	Cu.-N. SW
21..	NW	Calm	NW	NW	NW	Calm	58.4	38.9	54.4	42.3	194	10	.....	cu.-N. ENE	10	.....	N. NE
22..	Calm	NW	NW	NW	NW	NW	34.9	73.5	53.4	63.8	225.6	10	.....	N. ENE	10	.....	N. E
23..	NW	Calm	Calm	Calm	NW	NW	49.1	34.9	43.3	32.2	159.5	10	.....	N. ENE	10	.....	N. E
24..	NW	NW	SE	SE	SE	SE	35.4	36.8	107.8	53.9	233.9	10	A.-Cu.	Cu.-N. E	10	.....	Cu.-N. ESE
25..	Calm	NW	NNW	SE	Calm	Calm	17.4	35.7	46.2	29.5	128.8	4	Ci.	s.-cu. ESE	10	.....	N. E
26..	SE	WNW	Calm	E	SSE	WNW	27.7	34.9	39.6	29.2	131.4	1	.....	Cu. E	5	.....	Cu.-N. E
27..	NW	NW	SE	SE	WNW	Calm	37.3	44.9	59.5	14.8	156.5	6	Ci.	S.-Cu. E	8	.....	Cu.-N. E
28..	Calm	Calm	Calm	Calm	Calm	Calm	28.4	23.1	30	22.2	103.7	9	.....	s.-cu. ESE	9	Ci. S	Cu.-N. E
Mean	.....	.....	.....	.....	.....	.....	31.7	37.6	57.8	35.3	162.4	8.5	.....	.....	9.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,548	....	.....	.....	....	.....	.....

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, −1.82 mm.]

MARCH, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.53	58.14	59.57	57.18	57.28	58.40	58.02	24.5	24.5	24.4	24.4	25.2	24	24.5	25.9	22.2	96	92	91	88	90	96	92.2	19.2
2..	57.70	58.05	58.52	56.24	56.86	58.28	57.61	23.5	23.3	29.9	30.5	26.8	25.5	26.6	32	22.5	97	97	72	67	78	90	83.5	2.8
3..	57.19	57.89	58.77	56.75	57.24	58.58	57.74	24	25	30	27.5	26.2	24.9	26.3	30.9	23.4	95	92	71	84	89	92	87.2	4.8
4..	56.68	57.04	58.48	55.90	56.89	59.22	57.37	24.5	24.2	26.8	27.5	26.5	24.8	25.7	27.9	23.3	96	96	87	84	90	92	90.8	25.5
5..	57.38	59.08	58.68?	56.70	57.57	59.15	58.09	24.3	23.4	24	27	25.8	24	24.8	27.5	22.5	94	97	91	83	93	93	91.8	11
6..	57.85	58.76	59.30	57.01	57.56	58.70	58.20	23.5	23	29.6	31	26	25.5	26.4	32	22	96	97	74	68	87	88	85	3.7
7..	57.32	58.38	59.70	57.31	57.67	58.82	58.20	24.8	23.9	29.4	31	27.3	25	26.9	31.3	23.4	93	95	72	69	73	87	81.5	.5
8..	57.45	57.71	58.69	56.30	56.61	57.88	57.44	24.6	23.5	27	31	27.5	24.9	26.4	31.8	22.8	87	94	84	65	73	88	81.8	1.8
9..	56.98	57.39	58.40	56.49	57.21	58.72	57.53	24.2	23.8	29.8	30.5	27	25.4	26.8	31.3	23	94	96	70	68	77	88	82.2	.8
10..	58.14	58.80	59.72	57.26	57.18	58.69	58.30	24	23.8	28.5	30.5	27	25.7	26.6	31.4	23	96	95	75	67	77	86	82.7	.....
11..	57.67	58.33	58.96	56.71	57.42	58.30	57.90	25.3	24.5	30	31.5	26.2	24.4	27	32.8	23.5	87	91	65	60	82	91	79.3	3.2
12..	57.37	57.89	58.93	56.72	57.45	57.96	57.72	24.9	24	29.5	31.4	27.3	24.5	26.9	32.3	23	91	91	68	63	71	91	79.2	.....
13..	57.05	57.78	58.90	57	58.05	59.61	58.06	24.5	24	30.2	30	27.4	24.4	26.8	31.1	23.2	92	96	70	68	81	92	83.2	10.8
14..	58.28	58.69	59.50	58.20	59.22	60.16	59.01	24	23.5	28	29	24.5	24.5	25.6	29.7	22.7	96	96	80	75	92	92	88.5	9.1
15..	59.39	60.53	61.81	59.42	60.10	60.98	60.37	24	24	25.4	27.5	26.2	24.9	25.3	28.3	23	94	93	88	81	82	92	88.3	3.3
16..	59.72	60.06	60.35	58.16	59.08	60.10	59.58	24.1	23.6	29.8	28.9	25.4	25	26.1	31.7	23	91	95	71	74	88	84	83.8	12.4
17..	58.99	59.79	59.35	58.06	58.79	60.55	59.26	24.1	23.8	29.6	30.2	26	24	26.3	31.2	22.8	91	93	72	64	88	90	83	2.5
18..	58.90	59.73	60.63	58.70	58.21	60.28	59.51	24	23.5	29.5	28	27	25.5	26.2	31.6	22.4	93	96	75	80	80	88	85.3	1.3
19..	58.49	59.53	59.86	58.08	58.26	60.10	59.05	24	24	30	30.5	27.7	24.8	26.8	31.4	23.2	93	96	71	72	75	90	82.8	.6
20..	58.69	59.49	60.20	58.95	59.33	60.34	59.50	24	23.9	29.4	25.6	25.4	25	25.6	29.6	23	96	97	74	87	88	92	89	2.2
21..	58.89	59.73	60.66	59.74	59.86	61.17	60.01	24.1	24	28.7	25	24.5	23.9	25	31	23	95	91	76	92	91	92	89.5	13.5
22..	60.33	60.64	61.70	59.49	59.71	61.15	60.50	24.3	23.6	28.1	29.2	27	24.5	26.1	31.4	22.9	93	97	77	76	74	83	83.3	.3
23..	59.71	60.06	60.67	59.22	59.04	60	59.78	24.3	24.1	27	26	25.7	24.7	25.3	29.8	22.7	91	92	81	88	89	92	88.8	2.5
24..	59.14	59.35	60.25	58.34	58.63	60.53	59.37	24	23.3	30.4	29.9	27.4	24.5	26.6	31.7	22.6	95	96	69	71	67	91	81.5	1.4
25..	59.51	59.84	60.65	59.32	59.45	60.39	59.86	23.5	23.2	29.8	26.6	23.9	23.5	25.1	31.4	22.3	92	94	67	83	89	96	86.8	18.8
26..	59.71	59.35	60.17	58.07	58.76	60.32	59.40	23.8	24	29.5	29	27	25.1	26.4	30.9	22.2	93	93	71	78	70	88	82.2	1.5
27..	59.58	60.07	60.89	59.21	59.55	61.17	60.08	24.5	23.9	29.3	31	26.8	25.5	26.8	31.7	23.2	91	94	73	68	81	84	81.8	.2
28..	60.06	60.74	61.76	59.60	60.60	62.13	60.82	22.5	21.8	29.7	31.8	27.9	25.3	26.5	32.5	21.1	96	97	70	64	74	85	81	.6
29..	60.77	60.63	61.87	59.71	59.71	61.82	60.75	25	24.5	26.5	28.9	26.5	25	26.1	30.3	23.5	85	92	88	78	88	95	87.7	2.3
30..	60.11	60.43	61.05	58.35	58.91	60.46	59.88	23.9	23.7	30.2	31.4	27.3	26	27.1	31.9	22.9	96	97	70	59	76	87	80.8	.....
31..	59.07	59.81	60.72	58.51	58.95	60.23	59.55	24.4	24.2	30.3	30	27.4	25.8	27	31.7	22.6	92	94	68	74	80	89	82.8	.....
Mean	58.57	59.15	59.96	57.96	58.44	59.81	58.98	24.2	23.8	28.7	29.1	26.4	24.9	26.2	30.8	22.8	93.1	94.6	75.2	74.1	81.7	89.8	84.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	156.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	W	NW	S	NW	Calm	Calm	31.6	50.4	37.6	16.9	136.5	10	.....	N. E	10	.....	N.-cf. E
2..	WNW	Calm	E	SE	E	Calm	19.9	28.2	55.8	22.8	126.7	10	.....	N. E	10	A.-Cu. SE	Cu.-N. E
3..	W	Calm	SE	ENE	Calm	Calm	35.4	37	39.4	21.1	132.9	7	Ci. S	Cu.-N. ESE	10	.....	N. SE
4..	NW	Calm	Calm	Calm	NW	Calm	26.9	19.3	22.3	31.6	100.1	10	Ci.	S.-Cu. ESE	10	.....	N. E
5..	Calm	ESE	Calm	WNW	Calm	Calm	26.4	22.3	27.9	23.3	99.9	10	.....	N. ESE	10	Ci.-S.	Fr.-N. E
6..	WNW	NW	ESE	SE	ESE	Calm	33.6	31.1	40.2	26.4	131.3	2	.....	S.-Cu. ESE	5	.....	Cu.-N. E
7..	NW	Calm	ESE	SE	E	Calm	33.3	33.5	60	22.5	149.3	10	.....	N.-cf. E	9	.....	Cu.-N. E
8..	Calm	Calm	Calm	SE	E	Calm	25.7	30.4	78.9	27.1	162.1	1	.....	Cu. E	3	.....	Cu. E
9..	WNW	WNW	Calm	SSE	E	Calm	32.7	39.7	68.1	19.5	160	1	.....	Cu.	3	Ci.	Cu.-N. E
10..	W	WNW	Calm	SE	E	Calm	36.5	25.2	40.2	27.7	129.6	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S. S	Cu. ENE
11..	Calm	Calm	ESE	ESE	Calm	Calm	22.8	41.3	59.3	17.7	141.1	5	.....	S.-Cu. E	6	.....	Cu. E
12..	Calm	Calm	E	SSE	ESE	Calm	26.8	29.2	59.5	18.7	134.2	10	A.-Cu. ESE	N.-cf. E	10	Ci. S	Cu. E
13..	Calm	Calm	SE	SSE	Calm	Calm	26	49.9	75.9	34.4	186.2	10	.....	S.-Cu. E	10	Ci.-S.	Cu. E
14..	WNW	NW	NW	SSE	NW	NW	32.4	39.7	45.4	38.4	155.9	10	Ci.-S.	Cu. E	10	Ci. S	Cu.-N. E
15..	NW	NW	SE	Calm	Calm	Calm	52.8	47.3	28.5	17.5	146.1	10	.....	N.-cf. NE, NW	10	.....	N. E
16..	WNW	NW	Calm	SSE	Calm	Calm	34.4	33.8	41.2	23.3	132.7	6	Ci.-Cu. S	Cu.	10	Ci.-Cu. S	S.-Cu. E
17..	W	WNW	ESE	E	Calm	NW	34.6	32.7	52.6	31.4	151.3	10	Ci.	S.-Cu. E	10	.....	Cu.-N. E
18..	NW	WNW	Calm	Calm	E	Calm	46.4	41.6	39.9	27.2	155.1	8	A.-Cu.	S.-Cu. E	10	.....	N. E
19..	WNW	Calm	SE	SE	E	Calm	26.2	39.4	96.6	26	188.2	5	Ci.	Cu. E	4	.....	Cu. E
20..	Calm	WNW	NW	NW	NW	NW	34.3	44.8	49.7	52	180.8	2	Ci.	Cu.	10	.....	Cu.-N. E
21..	NW	NW	NW	Calm	Calm	W	48.3	29	30.6	37.6	145.5	10	.....	S.-Cu. E	10	.....	Fr.-N. E
22..	NW	Calm	NW	SE	ENE	Calm	38.6	35.4	44	27.2	145.2	3	A.-Cu. NE	S.-Cu.	5	Ci. SSE	Cu.-N. ENE
23..	WNW	Calm	Calm	SE	Calm	Calm	41	41	53.1	16.3	151.4	10	.....	N. E	10	.....	N. E
24..	NW	WNW	Calm	SE	E	Calm	31.6	35.1	52	26	144.7	0	.....	Cu.	4	.....	Cu.-N. E
25..	NW	WNW	Calm	E	NW	NW	31.4	36.4	30.6	37.5	135.9	2	A.-Cu.	S. E	10	.....	N. E
26..	NW	E	SE	SE	E	Calm	28	33	79.7	30	170.7	8	Ci. SW	S.-Cu. E	10	.....	Cu.-N. E
27..	Calm	Calm	Calm	SE	SE	Calm	19	30	89.1	35.9	174	8	A.-Cu. ESE	S.-Cu. E	3	Ci. SSE	Cu. E
28..	Calm	Calm	SE	S	ESE	Calm	12.4	32.2	47.7	24.1	116.4	1	Ci.	Cu.	2	Ci.	Cu. E
29..	Calm	Calm	NW	SE	Calm	Calm	23.5	39.4	56.8	16.1	135.8	7	.....	S.-Cu. E	10	Ci.	Cu.-N. E
30..	WNW	W	Calm	SE	SE	Calm	30	37.5	72.4	34.3	174.2	10	Ci.-S. SW	Cu. ESE	2	Ci.	Cu.
31..	Calm	Calm	SE	ESE	SE	Calm	18.7	36	64.9	37	156.6	6	Ci. ESE	Cu. SE	10	.....	Cu.-N. E
Mean	.....	.....	.....	.....	.....	.....	31	35.5	52.9	27.3	146.8	6.8	.....	.....	7.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,550.4	....	.....	.....	.....	.....	.....

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

APRIL, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.30	60.22	60.42	58.20	58.82	60.28	59.54	24.8	24.2	30.4	29.9	25.9	25.7	26.8	32.4	23.4	93	97	68	73	88	88	84.5	2.2
2..	58.67	58.95	59.59	57.47	58.45	59.91	58.84	24.7	24.4	28.5	27.5	27.8	26.5	26.6	32.3	23.6	94	95	83	88	75	84	86.5	4.8
3..	58.22	58.99	59.82	57.86	58.31	59.72	58.82	25	24	30.3	30.3	26.9	25.9	27.1	31.6	23.1	93	96	66	64	73	81	78.8	.....
4..	58.90	59.22	59.79	57.86	58.18	59.97	58.99	23.5	23	29.8	30.2	26	25.9	26.4	32.1	22.1	94	96	63	70	89	85	82.8	5.4
5..	58.88	59.62	60.21	57.58	58.36	59.46	59.02	24.6	24.6	27.7	31.5	26	25.6	26.7	32.3	23.9	95	91	79	68	88	91	85.3	3.8
6..	58.47	58.38	59.21	58.23	58.19	59.59	58.68	25	24.4	29.4	24.5	24.9	23.9	25.4	30.4	23.1	95	95	75	92	92	97	91	13.8
7..	58.34	58.55	59.02	56.60	57.53	59.07	58.18	24	23.6	29.5	30.6	27.2	26	26.8	31.6	22.6	96	97	75	69	81	92	85	.....
8..	57.47	58.02	58.42	56.43	57.36	58.94	57.77	25.5	25.2	29.8	32.2	27.5	26	27.7	32.7	24.3	93	94	70	64	77	84	80.3	.2
9..	57.74	57.74	59.29	57.35	58.12	59.57	58.30	26	26.3	27	29.9	27.4	26.4	27.2	31.3	25.2	88	86	86	72	76	84	82	.3
10..	57.97	58.57	59.60	57.76	58.12	59.04	58.51	26.2	25.8	30.3	27.2	26.1	26.1	27	32.4	24.8	89	90	70	89	87	87	85.3	18.5
11..	57.49	57.83	58.57	56.34	56.92	58.47	57.60	25.3	24.9	31.1	30.2	26.5	26.6	27.4	31.4	23.3	93	96	71	73	83	83	83.2	6.4
12..	57.11	57.38	58.47	56.35	56.66	58.37	57.39	25	25	30.3	30.8	27	26	27.4	31.5	23.6	92	95	70	68	77	81	80.5	.....
13..	57.39	58.09	59.16	57.68	58.01	59.56	58.32	24.6	24.1	29.7	30	27.6	26.5	27.1	31.9	23	93	95	75	71	83	88	84.2	.....
14..	58.61	58.94	59.61	57.44	58.44	60.37	58.90	25.3	24.3	29.8	31.4	27.9	26	27.4	32.3	23.2	89	93	73	61	81	92	81.5	.....
15..	58.92	58.98	59.32	56.87	57.26	58.93	58.38	25.8	24.4	30	30.7	27.2	26	27.4	32	23.6	92	97	77	70	78	88	83.7	.....
16..	58.12	58.20	58.39	56.43	57.31	58.62	57.84	24.8	23.4	30	31.4	27.5	26.5	27.3	32.1	22.5	89	97	73	66	78	82	80.8	.....
17..	57.69	58.28	58.98	56.93	57.45	58.92	58.04	25.8	25	30	32.1	27.6	26.9	27.9	32.7	23.6	89	92	71	66	81	82	80.2	.....
18..	57.94	58.74	59.41	57.23	57.29	59.30	58.32	26	25.5	31.4	31.4	28	26.8	28.2	32.5	24	87	94	63	66	79	78	77.8	.....
19..	58.28	58.79	59.23	57.03	57.32	58.92	58.26	26.4	24.5	31	31.2	27.5	27.4	28	32.5	23.4	81	92	65	66	72	81	76.2	.....
20..	58.13	58.53	58.75	56.68	56.99	58.48	57.93	25.5	24.9	31.2	31.4	28.1	26.2	27.9	32.6	24	92	96	68	70	71	82	79.8	.....
21..	57.10	57.56	58.44	56.66	57.02	58.72	57.58	24.6	24.9	31.5	28.7	26.5	26.5	27.1	32.8	23.5	95	92	65	77	85	88	83.7	2.1
22..	57.55	57.80	58.79	56.77	57.16	58.23	57.72	25.5	24.3	31	31.8	27.4	26.8	27.8	32.5	23.5	89	92	71	60	73	83	78	.....
23..	57.07	57.16	58.34	56.43	56.94	58.83	57.46	25.4	24	29.7	31.9	28	26.8	27.6	32.4	23	88	95	71	63	77	80	79	.....
24..	57.72	57.90	58.93	56.88	57.37	58.99	57.96	26.3	25.2	31.8	32.5	27.9	26.5	28.4	33	24.5	90	93	69	63	82	91	81.3	.....
25..	57.63	58.19	59.29	57.18	57.80	59.16	58.21	25	25.4	31.6	32	27.7	26	28	33.7	24.3	96	97	67	66	85	94	84.2	.5
26..	57.42	57.75	58.55	56.44	57.28	58.33	57.63	24.7	25	31	30.5	25.5	25.7	27.1	32	23.5	96	96	72	71	94	94	87.2	31
27..	57.18	57.62	58.55	55.93	57	58.38	57.44	25.5	24.5	30.4	32.8	28.5	26.4	28	33.1	23.8	94	96	76	63	81	92	83.7	.....
28..	56.89	57.52	58.10	56.05	56.82	57.97	57.22	24.8	25.4	30.5	29.4	28	25.8	27.3	34	23.5	93	95	75	78	82	92	85.8	.....
29..	56.89	57.52	57.79	55.53	56.30	57.83	56.98	25.5	25.5	31	31.9	27.5	26.7	28	33	24.4	96	96	72	67	88	83	83.7	6.6
30..	56.52	57.09	58.03	55.85	56.60	58.15	57.04	26	26	31	32	27.8	26.7	28.2	32.9	24.9	90	92	71	66	80	86	80.8	.....
Mean	57.85	58.27	59	56.93	57.51	59	58.10	25.2	24.7	30.2	30.6	27.2	26.2	27.4	32.3	23.6	91.8	94.3	71.7	70	81.2	86.4	82.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	95.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km*	*0–10*			*0–10*		
1..	Calm	WNW	SE	SE	Calm	Calm	26.9	32.8	77.5	24.7	161.9	6	A.-Cu. E	S.-Cu. ESE	10	.....	Cu.-N. E
2..	Calm	Calm	Calm	SE	SE	Calm	17.7	36.2	77.5	30.6	162	1	.....	Cu. E	10	.....	N. ESE
3..	WNW	Calm	SE	SSE	SE	E	24.7	55.3	92	41.6	213.6	3	Ci. S	Cu.	10	Ci.-S. S	Fr.-Cu.
4..	W	WNW	E	SE	Calm	Calm	31.9	34.8	66.5	13.1	146.3	8	Ci. W	S.-Cu.	6	.....	S.-Cu. E
5..	Calm	Calm	NW	E	Calm	Calm	26.8	22.5	36.2	22.3	107.8	10	.....	Fr.-N. E	10	.....	Cu.-N. E
6..	Calm	Calm	SE	S	Calm	Calm	23.3	38.3	17.9	12.6	92.1	3	Ci. SE	S.-Cu. E	10	.....	N. E
7..	Calm	Calm	SE	SE	NW	Calm	9.4	36.4	64.7	21.2	131.7	10	.....	Cu.-N. ESE	6	.....	Cu.-N. ESE
8..	NW	NW	SSW	SE	E	E	30.1	36.8	63	45.6	175.5	10	A.-Cu. ESE	S.-Cu. ENE	9	.....	Cu.-N. E
9..	SE	SE	SE	SE	SE	ESE	80.7	86.1	93	45.6	305.4	9	Ci. SW	S.-Cu. SE	10	.....	Cu.-N. E
10..	SE	Calm	SE	E	Calm	SE	43.3	72.4	52.8	41.6	210.1	4	Ci.	S.-Cu. ESE	10	.....	N. ESE
11..	Calm	Calm	SE	SE	SE	SE	19.5	52.6	73.8	73.5	219.4	2	.....	Cu.-N. E	10	.....	Cu.-N. E
12..	E	Calm	SE	SSE	SE	SE	18.2	62.2	93	59.3	232.7	6	Ci.	S.-Cu. ESE	2	Ci.	Fr.-Cu. SE
13..	Calm	Calm	S	SE	E	E	17.7	45.1	61.7	36.2	160.7	4	.....	S.-Cu. SE	10	Ci.	Cu.-N. E
14..	Calm	Calm	SSE	SE	Calm	Calm	19.3	33.6	69.2	16.3	138.4	4	Ci.	S.-Cu. E	2	Ci.	Cu.
15..	Calm	Calm	ESE	SE	SE	Calm	9.1	39.6	74.6	22.8	146.1	10	Ci.-S.	S.-Cu. SE	10	Ci. S	Cu.-N. SE
16..	Calm	Calm	SE	SE	SE	SE	5.8	50.9	84.2	51.2	192.1	5	Ci. S	S.-Cu. SE	1	.....	Cu.
17..	Calm	Calm	SE	SE	SE	SE	21.2	46.2	82.4	61.7	211.5	9	.....	S.-Cu. SE	4	Ci.	Cu.-N.
18..	E	Calm	SSE	SE	SE	ESE	21.9	65	98.2	61.2	246.3	10	.....	S.-Cu. SE	4	Ci.	Cu.-N. SE
19..	ESE	Calm	SE	SE	SE	SE	39.2	49.9	101.1	56	246.2	3	Ci.	Fr.-Cu. ESE	2	.....	Fr.-Cu. SE
20..	Calm	WNW	SE	SE	SE	SE	23.1	49.1	93.3	47.8	213.3	10	Ci.-S. W	S.-Cu. ESE	8	.....	Cu.-N. SE
21..	Calm	NW	ESE	SE	SE	S	29	34.4	32.2	47.8	143.4	1	Ci.	S.-Cu.	10	.....	Cu.-N. E
22..	Calm	Calm	SE	SSE	SE	E	23.1	43.3	102.7	48.3	217.4	4	A.-Cu. SE	Cu.-N. E	7	.....	Cu.-N. SE
23..	Calm	Calm	SE	SE	SE	SE	12.7	52	68.4	47.3	180.4	6	Ci.-S.	Cu. ESE	8	Ci.-S.	Cu. SE
24..	Calm	Calm	SSE	SSE	SE	Calm	27.9	55.7	71.8	12.6	168	3	.....	Cu. E	6	.....	Cu.-N.
25..	Calm	Calm	ESE	SE	SE	Calm	16.4	31.6	93.3	21.4	162.7	1	.....	Cu.	5	.....	Cu. E
26..	Calm	NW	Calm	SSE	SW	Calm	22.2	27.2	55.2	18.2	122.8	8	Ci.-S.	Cu.	10	A.-S.	Cu.
27..	WNW	Calm	Calm	SE	Calm	Calm	27.4	32	46.5	16.6	122.5	10	Ci.	Cu.-N. E	6	Ci.	Cu.-N.
28..	Calm	NW	Calm	ENE	Calm	Calm	11.1	33.6	37.3	15.8	97.8	9	Ci.-S.	Cu.	10	.....	Cu.-N. NE
29..	Calm	WNW	ESE	SE	Calm	SE	21.7	33.3	65.2	35.1	155.3	5	Ci.	Cu. NE	4	.....	Cu.-N.
30..	Calm	Calm	SE	SE	SE	SE	27.7	56.6	72.7	36.4	193.4	10	Ci. W	Cu.-N. SE	5	Ci.	Cu.-N. SE
Mean	.....	.....	.....	.....	.....	.....	24.3	44.8	70.6	36.1	175.9	6.1	.....	.....	7.2	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,276.8	.....	.....	.....	.....	.....	.....

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

MAY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.35	57.74	58.72	56.63	57.97	59.23	57.94	25.2	25	31.4	32.8	29	26	28.2	33.7	23	93	95	66	56	78	92	80	16.6
2..	57.20	57.55	58.79	57.33	57.79	59.14	57.97	25.9	25.9	30	26.5	26.5	25.9	26.8	31.3	24.3	94	93	75	90	90	93	89.2	6.2
3..	57.12	57.70	58.12	56.08	57.25	59.12	57.56	24.3	24.2	29.3	30.9	27.5	25.8	27	32.1	23.3	97	98	79	71	81	88	85.7	.....
4..	57.38	57.83	58.85	56.44	57.42	59.45	57.90	23.5	24.9	31.2	31.9	28.2	27	27.8	32.5	22.9	96	92	64	61	73	80	77.7	.....
5..	57.98	58.57	59.31	57.23	58.05	59.67	58.47	26.8	25.8	31	32	28.5	28	28.7	32.9	25	86	85	72	65	80	81	78.2	.....
6..	57.98	58.60	58.93	57.04	57.96	59.21	58.29	26.5	26	31.3	30.5	27.6	26.9	28.1	33	24.9	88	92	70	70	81	83	80.7	.....
7..	58.14	58.05	59.21	56.23	57.94	59.01	58.10	25.6	25.1	30.8	33	27.5	26	28	33.5	24.4	91	95	73	57	84	92	82	.....
8..	57.69	58.28	59.04	57	58.16	59.81	58.33	25.6	25.5	31.4	30	28.3	27.5	28	33.6	24.4	95	94	69	71	81	87	82.8	.....
9..	58.57	58.82	59.05	57.14	57.99	59.92	58.58	25.7	26.1	31.9	29	27.9	27.1	28	33.1	24.3	92	94	66	77	82	90	83.5	5.3
10..	58.54	58.90	58.95	56.89	57.47	59.22	58.33	25.6	26	30.5	30.5	27.6	26.3	27.8	32.7	24	95	93	72	74	84	90	84.7	.....
11..	57.62	57.73	58.17	56.24	57.20	58.72	57.61	25.3	25.4	31.1	29	25.9	25.6	27	32.9	24.1	94	97	72	78	93	95	88.2	24.4
12..	57.85	58.63	59.16	57.01	59.25	59.77	58.61	25.2	25	29.5	29.4	24	24	26.2	32.3	23	98	97	75	79	96	96	90.2	42.7
13..	58.71	59.43	60.01	58.04	58.69	60.11	59.16	23.9	24.6	30.4	30.6	28	27.6	27.5	32.7	22.7	96	96	73	70	80	84	83.2	.....
14..	59.21	59.88	60.54	58.30	59.06	60.50	59.58	26.1	25.5	32	31.9	28.1	27.6	28.5	33.2	24.6	92	96	67	67	77	84	80.5	.....
15..	59.76	60.33	60.68	58.65	59.18	60.66	59.88	26	25.5	31.4	31.5	28.4	27	28.3	32.9	24.3	91	94	69	66	75	83	79.7	.....
16..	59.11	59.91	60.55	58.07	58.72	60.64	59.50	25.1	24.6	31	32.1	29	27	28.1	33	23.6	92	95	64	63	78	77	78.2	.5
17..	59.38	59.51	60.82	58.40	59.29	60.79	59.70	25.6	24.5	28.1	31	27.9	27.5	27.4	31.8	23.9	92	95	77	67	76	78	80.8	.....
18..	59.92	60.03	60.94	58.81	59.01	60.42	59.86	26	25.4	31.1	32.4	27.5	26.2	28.1	33.3	24.4	92	94	73	66	87	94	84.3	5.2
19..	58.95	59.07	59.73	57.99	58.64	59.12	58.92	25.6	25.9	30.6	26.1	26.1	26	26.7	33.4	24.6	93	92	74	89	89	87	87.3	2.5
20..	57.52	57.51	59.12	57.34	58.29	58.90	58.11	24.9	25.5	24.3	27.5	26.6	25.2	25.7	29.6	23.5	93	95	94	87	87	96	92	16
21..	57.18	57.53	59.08	57.37	57.47	58.98	57.94	24.5	25.6	25	28.6	25.4	24	25.5	29	23.4	95	94	96	81	91	96	92.2	9.4
22..	58	58.15	59.12	58.19	58.25	59.24	58.49	24.5	24.6	30.4	25.6	24.7	23.9	25.6	31.7	23.1	96	96	72	88	95	93	90	12.9
23..	58.63	59.26	59.72	58.35	58.97	60.07	59.17	24.2	24.3	30.5	31.5	26.9	25.5	27.2	32.9	23	95	97	77	68	82	88	84.5	.....
24..	58.83	58.81	59.40	57.84	58.01	59.32	58.70	24.8	24.5	30.5	29.4	27.3	26	27.1	32.9	23.5	93	96	69	72	87	85	83.7	.....
25..	57.97	58.43	58.72	57.29	57.66	59.05	58.19	25.1	25	31.1	28	27.1	25	26.9	33.1	24.1	94	96	71	85	86	93	87.5	1.3
26..	58.18	58.85	59.09	57.17	57.70	59.32	58.38	24.2	24.4	31.4	32.6	28.1	26.4	27.8	33.5	23	93	96	70	59	77	92	81.2	.....
27..	58.32	59.28	59.46	58.32	58.32	59.14	58.81	25	25.6	31.1	27.4	27	26	27	33	23.9	93	92	71	82	91	94	87.2	4.8
28..	58.17	58.43	59.15	56.89	57.94	58.76	58.22	24.6	25.5	30.9	31.3	28.1	25.2	27.6	33.1	23.9	96	95	69	63	77	94	82.3	.....
29..	57.85	58.33	58.41	56.25	56.61	58.07	57.59	25.1	25.6	31.1	31	27.5	27	27.9	33.4	24.3	95	94	69	72	89	83	83.7	8.7
30..	57.48	58.54	58.96	56.89	57.91	59.14	58.15	25.1	24.8	27.1	30	26.5	25.9	26.6	30.9	23.4	94	93	83	75	92	88	87.5	2.5
31..	58.02	58.83	59.34	57.44	58.34	59.69	58.61	25	25.5	31	32	28.1	26.9	28.1	32.6	23.6	90	93	69	67	77	86	80.3	26.7
Mean	58.21	58.66	59.33	57.38	58.15	59.49	58.54	25.2	25.2	30.3	30.2	27.3	26.2	27.4	32.6	23.8	93.4	94.3	72.9	72.1	83.7	88.5	84.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	185.7

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	WNW	SE	SE	ESE	SE	17.7	37.5	68.7	38	161.9	10	ci.,ci.-s. w	Cu.	9	Ci.	Cu.-N.
2..	Calm	NW	ESE	NW	WNW	Calm	30.3	35.9	26.9	27.6	120.7	8	Ci.	Cu.-N. ESE	10	.....	N. ESE
3..	Calm	Calm	ESE	SE	SE	Calm	8	37.6	77	20.7	143.3	10	Ci.-S.	Cu.-N. SE	8	Ci.	Cu.-N. SE
4..	Calm	Calm	E	SE	SE	SE	16.6	39.9	66	38.3	160.8	10	.....	Cu.-N. SE	6	Ci. NNW	Cu. SE
5..	E	Calm	SSE	SE	SE	E	20.9	53.9	93.6	52.1	220.5	8	Ci.	Cu.-N. ESE	4	Ci. N	Cu. SE
6..	Calm	Calm	SE	SE	SE	ESE	29.5	48	87.1	24.3	188.9	10	A.-Cu. E	S.-Cu. SE	10	.....	S.-Cu. SE
7..	Calm	Calm	ESE	SE	Calm	Calm	9.2	25.7	52.8	15	102.7	10	Ci.-S. E	Cu.-N. SE	9	Ci. E	Cu.-N.
8..	Calm	WNW	SE	SE	SE	E	23	56.1	69.7	40.4	189.2	6	Ci.	S.-Cu. SE	8	Ci.	Cu.-N.
9..	Calm	WNW	SSE	SSE	Calm	Calm	13.4	49.6	58.4	9.9	131.3	10	Ci.	Cu. S	10	Ci.-Cu.	Cu.-N.
10..	Calm	WNW	SE	SE	Calm	WNW	15	41.2	53.4	17.4	127	10	Ci.-S.	Cu. SSE	10	Ci.	Cu.-N.
11..	WNW	Calm	ESE	E	Calm	Calm	25.1	33.3	47.8	17.5	123.7	10	Ci.-S. ENE	Cu.	10	Ci.	Cu.-N.
12..	Calm	Calm	NW	SSE	ESE	W	13.2	33.8	46.1	25.1	118.2	10	Ci.-S. E	Cu.	10	Ci.-Cu.	Cu.-N.
13..	Calm	Calm	ESE	SE	SE	SE	16.1	30.3	70.5	48.6	165.5	10	A.-Cu. ESE	Cu.	9	Ci.	Cu.-N.
14..	Calm	Calm	SE	SE	SE	SE	23.1	49.1	80.8	56.9	209.9	3	Ci.	Cu.	7	A.-Cu. E	Cu.
15..	Calm	Calm	SSE	SSE	SE	SE	15.9	52.6	105.4	40	213.9	3	Ci.-S.	Cu.	3	Ci.-S.	Cu.
16..	Calm	Calm	E	SSE	E	E	13.4	36.5	86.4	39.2	175.5	5	Ci.	Cu.	2	Ci.	Cu.
17..	Calm	Calm	E	SSE	SE	SE	20.1	49.3	77.4	68.2	215	8	Ci.	Cu.-N.	10	Ci.-S. E	Cu.
18..	Calm	Calm	SE	ESE	Calm	Calm	15.5	48.9	32.2	13.7	110.3	10	Ci.-S.	Cu. SE	10	A.-Cu. S	Cu.-N.
19..	Calm	WNW	Calm	W	Calm	W	29.3	46.4	25.7	29.2	130.6	10	Ci.-Cu. E	Cu. N	10	.....	Cu.-N.
20..	Calm	WNW	SSE	Calm	WNW	Calm	36.8	41.5	24.7	15.3	118.3	7	Ci.	Cu.-N.	10	A.-Cu.	Cu.-N.
21..	Calm	WNW	Calm	SE	Calm	Calm	16.7	32.5	27.2	18.8	95.2	7	A.-Cu.	Cu. SE	10	.....	Cu.-N.
22..	WNW	WNW	E	Calm	Calm	S	31.1	34.1	33.5	23.5	122.2	10	.....	Cu.-N.	10	.....	Cu.-N.
23..	Calm	WNW	Calm	E	Calm	Calm	31.2	39.9	40.5	19.8	131.4	10	A.-Cu. SE	Cu. NNW	10	Ci.	Cu.-N.
24..	WNW	Calm	E	E	Calm	Calm	41.3	29.5	45.9	17.4	134.1	10	Ci. NNE	Cu.	10	.....	Cu.-N.
25..	WNW	WNW	S	Calm	Calm	Calm	27.7	40.2	30.9	8.7	107.5	4	Ci.	Cu.	10	.....	Cu.-N.
26..	Calm	Calm	S	S	SSE	Calm	12.3	42.8	71.4	29.8	156.3	8	A.-Cu.	Cu. SE	3	Ci.	Cu.-N.
27..	Calm	Calm	E	Calm	Calm	Calm	21.2	33.2	25.1	11.8	91.3	10	A.-Cu. ESE	Cu.	10	.....	Cu.-N.
28..	Calm	Calm	SE	S	SE	Calm	12.1	39.1	53.1	17.2	121.5	10	Ci.-Cu. E	Cu.	10	Ci. NE	Cu.
29..	Calm	WNW	SE	SE	SE	SE	24.6	32.8	60.4	46.1	163.9	10	Ci.-S. E	Cu.	10	Ci.	Cu.-N.
30..	Calm	Calm	Calm	WNW	Calm	SSW	29.6	17.4	27.6	23	97.6	10	Ci.-S.	N.-cf.	10	.....	N.-cf.
31..	Calm	Calm	SE	SE	SE	S	17.7	46.5	68.2	64.9	197.3	10	A.-Cu.	Cu. SE	8	Ci.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	21.2	39.8	55.9	29.6	146.6	8.6	.....	.....	8.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,545.5	....	.....	.....	....	.....	.....

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

JUNE, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.37	59.08	59.93	57.97	57.75	58.92	58.67	25.6	25	31	30.1	28	27.6	27.9	32.2	24.2	94	92	78	74	82	84	84	.....
2..	58.03	58.60	58.81	56.91	56.78	58.31	57.91	26.1	25.9	32	28.5	26.6	25.9	27.5	32.6	24.7	91	93	66	82	91	94	86.2	1.5
3..	57.22	57.49	58.14	56.38	56.98	58.04	57.38	25.1	25.2	31	31.4	26	26	27.4	32.8	23.6	95	97	69	63	92	90	84.3	11.7
4..	56.55	57.38	58.47	56.60	57.27	58.53	57.47	25	25.5	29.6	31.1	27.5	27	27.6	32.1	23.9	92	96	81	75	84	88	86	2.3
5..	57.48	58.30	58.76	57.81	57.71	59.60	58.28	26.4	25.4	28.9	27.9	27.1	26.5	27	31.2	24.7	90	90	79	85	87	90	86.8	.6
6..	58.87	59.42	59.59	58.03	58.15	59.52	58.93	25.4	24.7	31.1	29.7	27.6	26.4	27.5	32.1	23.4	95	95	71	75	83	89	84.7	.....
7..	58.42	58.63	58.79	57.77	58.09	59.50	58.53	25.4	25.5	31.3	28.9	25.5	25.2	27	32	24.1	93	95	70	76	90	92	86	12.7
8..	58.15	58.72	59.72	57.75	59.03	59.71	58.85	25.4	25.5	29.4	31.4	26.1	26	27.3	32	24.5	94	93	85	70	90	91	87.2	13.1
9..	58.75	59.36	60.06	58.26	58.79	59.85	59.18	25.4	25	29.1	29.9	26	25	26.7	31.9	24	93	95	76	69	89	92	85.7	2
10..	58.83	59.29	59.61	57.68	58.72	59.88	59	24	24.9	31	27	25.5	24.9	26.2	31.4	22.8	95	94	72	81	90	93	87.5	1.9
11..	58.63	58.94	58.58	57.20	57.58	58.56	58.25	24.6	24.2	25.3	30.2	26.9	25.2	26.1	30.5	22.9	95	95	91	77	87	92	89.5	1.8
12..	57.47	57.98	58.37	56.95	57.54	58.69	57.83	24.8	24.5	31	29.3	25.9	25.1	26.8	31.4	23.4	94	93	72	79	92	92	87	11.3
13..	57.78	58.36	58.81	57	57.01	58.48	57.91	24.4	25	29.4	29	27	26.4	26.9	31	23.3	93	96	75	74	81	84	83.8	.6
14..	57.72	58.98	60.02	57.29	57.91	59.08	58.50	25.3	24.4	23.9	27.5	25.9	23.6	25.1	28.3	23.1	91	93	97	79	91	96	91.2	23.3
15..	58.29	58.99	58.84	57.60	58.28	60.07	58.68	24.4	24.4	30.6	30.2	26	26	26.9	32.6	23.5	93	96	72	75	92	94	87	7
16..	58.78	58.58	58.79	56.95	56.70	58.86	58.11	25.1	25	30.7	31.6	27.6	26.9	27.8	32.4	24.1	96	97	72	68	80	86	83.2	1.5
17..	57.56	57.93	58.12	56.14	56.32	58.17	57.37	25.6	25.3	31	31.5	28	27.2	28.1	32.9	24.3	95	97	69	71	79	88	83.2	3.8
18..	57.33	57.52	58.45	57.57	58.48	60.05	58.23	24.9	24.8	29.9	27.6	25.5	24	26.1	31.9	23.5	92	93	78	77	88	96	87.3	2.5
19..	57.86	59.38	60.51	58.51	59.17	60.34	59.30	24.5	25	30.1	30.4	27.4	27	27.4	31.9	23.4	92	92	65	66	78	84	79.5	.....
20..	59.31	59.82	59.94	58.55	59.16	60.32	59.52	27.1	25	31.5	32.4	27.8	27.3	28.5	32.9	24	85	95	72	63	82	79	79.3	.....
21..	59.04	59.07	59.19	58.26	57.98	58.92	58.74	25.2	25.1	30.9	29	27	25.5	27.1	32.4	23.5	93	95	67	77	89	95	86	.....
22..	58.07	58.12	58.41	56.61	57.10	58.18	57.75	25.3	25.5	28.5	30.9	25.5	24.5	26.7	32.1	23.1	94	95	82	72	85	92	86.7	.3
23..	57.45	58.01	58.15	55.80	56.54	58.04	57.33	24.4	24.1	29.5	31.3	29.1	26.3	27.4	31.9	22.9	93	95	71	63	78	87	81.2	.....
24..	57.50	57.58	58.72	57.14	57.39	58.80	57.86	25.9	24.9	28.1	31	26.4	25	26.9	31.6	24.1	87	95	83	72	89	92	86.3	.5
25..	56.83	57.24	57.43	55.83	56.70	57.68	56.95	25	24.6	29.5	23.9	24	23.9	25.2	30	22.9	92	95	78	92	96	97	91.7	46.4
26..	56.55	56.86	57.15	55.81	56.46	57.94	56.80	23.5	23.3	29.5	30.9	26.8	25.2	26.5	32	22.2	96	97	71	64	84	94	84.3	.....
27..	57.37	58.29	58.56	57.49	58.22	59.89	58.30	24.1	23.9	29.6	31.5	27.8	27	27.3	32	23	95	97	74	63	80	81	81.7	1
28..	59.02	59.52	59.65	58.25	58.90	60.40	59.29	25.6	25.4	30.6	30.6	28	26.5	27.8	32.5	24.3	92	96	72	72	82	89	83.8	.1
29..	59.57	59.86	59.90	58.28	57.69	59.28	59.10	24.9	25	31.5	27	28	25.3	27	33.6	23	93	96	68	87	80	92	86	2.3
30..	57.90	58.25	58.54	56.41	57.38	58.50	57.83	24.9	24.8	27.1	31.6	25.4	24.8	26.4	32.3	23.5	94	94	87	63	88	90	86	.....
Mean	58.02	58.52	58.93	57.29	57.73	59.07	58.26	25.1	24.9	29.8	29.8	26.7	25.8	27	31.9	23.6	92.9	94.7	75.4	73.5	86	90.1	85.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	148.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	ESE	SSE	ESE	ESE	21.7	43.3	63.3	67	195.3	10	A.-Cu.	Cu.-N.	10	.....	Cu.-N.
2..	Calm	Calm	SE	SE	Calm	Calm	26.9	42.1	48.6	17.4	135	4	Ci.	Cu.	10	.....	Cu.-N.
3..	S	Calm	SE	SE	Calm	Calm	17.4	42.3	68.2	15.9	143.8	10	Ci.	Cu. N	8	A.-Cu. E	Cu.
4..	Calm	WNW	ESE	SE	E	E	13.7	64.6	83.4	48.6	210.3	10	.....	Cu.-N. E	10	Ci.	Cu. SE
5..	Calm	SSW	SE	E	SSW	Calm	40	34.9	34.1	29.5	138.5	10	Ci.	Cu. SE	10	A.-Cu.	Cu.-N.
6..	Calm	Calm	S	SE	ESE	Calm	18.3	44.5	81	24.1	167.9	10	A.-Cu. E	Cu.	10	Ci.-S. SE	Cu.
7..	WNW	WNW	E	E	Calm	Calm	23.5	32	50.2	25.4	131.1	10	Ci.-S. E	Cu.	10	A.-Cu.	N.-cf. ESE
8..	Calm	Calm	ESE	SE	ESE	ESE	20.3	71.8	73.7	49.9	215.7	10	Ci.-Cu.	N.-cf. SE	10	Ci.	Cu. SE
9..	Calm	WNW	SE	E	SSE	Calm	21.1	44.8	35.6	19	120.5	8	Ci.	Cu. NW	10	Ci.-S.	Cu.-N. E
10..	Calm	WNW	SSE	Calm	Calm	Calm	9.2	34.6	34.8	21.2	99.8	10	Ci. WbyN	Cu.	10	.....	Cu.-N. E
11..	Calm	Calm	Calm	E	E	SE	21.4	17.4	16.4	51.7	106.9	10	.....	N.-cf. E	10	.....	Cu.-N. ESE
12..	Calm	Calm	E	SE	Calm	SE	23.3	40.8	34.8	34.8	133.7	10	Ci.-S.	Cu. SE	10	Ci.-S.	Cu.-N. E
13..	SE	Calm	SE	SE	SE	ESE	37.2	56	76.4	54.9	224.5	10	Ci.	N.	10	Ci.-Cu.	Cu.-N.
14..	Calm	N	SE	Calm	Calm	Calm	22.5	34.8	20.6	9.2	87.1	10	.....	N.-cf. E	10	.....	Cu.-N.
15..	WNW	WNW	SSW	ESE	Calm	Calm	37.3	32.7	53.1	13.4	136.5	7	Ci.-S.	Cu.	10	Ci.	Cu.-N. E
16..	W	W	SSE	SSE	SSE	S	26.2	44.6	89.8	44.5	205.1	10	Ci.-S.	N.-cf. WNW	10	Ci.-S. NE	Cu.
17..	Calm	Calm	SSE	SE	SSE	Calm	11.9	38.6	78.6	39.9	169	2	A.-Cu.	Cu. SE	9	A.-Cu.	Cu. SE
18..	S	Calm	E	SSW	Calm	Calm	17.7	22.3	46.2	27.2	113.4	10	A.-Cu.	N.-cf.	10	.....	Cu.-N. SSW
19..	Calm	Calm	SE	E	SE	SE	15.9	39.4	53.1	63.8	172.2	10	Ci.-Cu. NE	Cu.	10	A.-Cu. E	Cu.
20..	SE	Calm	SE	SE	SE	SSE	36.4	56	78.3	52.6	223.3	2	Ci.	Cu.	1	A.-Cu.	Cu.
21..	W	Calm	SE	SSE	Calm	Calm	19	53.7	30	20.3	123	10	Ci.-S.	Cu. N	10	.....	Cu.-N.
22..	WNW	Calm	SW	SSW	WNW	W	26.8	25.7	38.1	33.3	123.9	10	.....	S.-Cu. S	10	A.-Cu.	Cu. SSW
23..	Calm	WNW	NW	WNW	WSW	Calm	29	38	37.8	19	123.8	10	Ci. ESE	Cu.	10	Ci.	Cu. WNW
24..	WNW	Calm	Calm	SE	NW	W	21.5	23.5	45.3	25.2	115.5	10	Ci.-S.	Cu. NNW	10	A.-Cu.	Cu.-N.
25..	NW	WNW	ESE	SW	Calm	Calm	37.8	37.3	42.3	19	136.4	10	Ci.-S. NE	Cu. NW	10	.....	N.
26..	Calm	Calm	SSE	SW	Calm	Calm	10.5	61.7	56	11.6	139.8	10	A.-Cu. SSW	Cu.-N.	10	Ci.-S.	Cu. SW
27..	Calm	Calm	ESE	SE	SE	SE	9.7	31.7	64.9	44	150.3	10	Ci.-S.	N.-cf.	10	Ci. NNE	Cu.
28..	Calm	Calm	SE	SE	ESE	Calm	19.1	44.8	72.7	37.2	173.8	10	Ci. NE	Cu. SE	10	Ci.-S. NNE	Cu.
29..	Calm	WNW	SE	NW	E	Calm	11.9	30.1	42	18	102	2	Ci.	Cu.	10	.....	Cu.-N. E
30..	Calm	WNW	SSE	E	Calm	WNW	31.9	28.2	39.2	25.7	125	10	Ci. N	Cu.-N.	10	Ci.-S.	Cu.-N. E
Mean	.....	.....	.....	.....	.....	.....	22.6	40.4	53	32.1	148.1	8.8	.....	.....	9.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,443.1	....	.....	.....	.....	.....	.....

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

JULY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	56.99	57.34	58.35	56.49	57.37	58.78	57.55	23.1	24.2	30.6	31	27.2	25.5	26.9	33.1	22.6	96	96	72	72	86	93	85.8	1
2..	56.97	57.77	58.39	56.82	57.30	58.62	57.64	24	24.8	30	28.1	28.1	26.3	26.9	32.3	23.5	96	94	71	76	85	86	84.7	4.8
3..	57.70	57.34	57.87	56.25	56.95	58.13	57.37	25.2	24.9	31.4	29.3	28	26.6	27.6	32.9	23.3	93	96	70	74	85	91	84.8	.....
4..	56.48	56.33	57.04	55.78	55.91	57.06	56.43	25.5	25.4	30.6	30.1	28.1	26	27.6	32.2	23.8	92	92	62	65	76	89	79.3	.....
5..	55.89	55.92	56.57	54.99	55.37	56.85	55.93	25.1	25.2	31.6	31.5	29	26.6	28.2	33.3	24.1	89	94	67	63	85	92	81.7	.....
6..	55.74	56.19	56.82	55.05	55.82	56.90	56.09	24.6	25	30.9	31.9	28.7	26.8	28	32.4	24	92	96	69	69	82	90	83	3.8
7..	56.39	56.87	57.05	55.84	56.42	57.71	56.71	25.6	24.9	29.5	27.8	27.1	26.4	26.9	33	24.1	84	96	78	86	89	94	87.8	1.1
8..	55.96	56.87	56.89	55.77	56.44	57.32	56.54	24.8	25.5	30.6	27.4	26.6	25.4	26.7	33.1	23.5	96	96	69	83	89	90	87.2	.....
9..	56.64	56.60	56.47	54.86	55.39	57.29	56.21	25	25	31.5	30.5	28	24	27.3	33.5	23	93	96	71	75	89	96	86.7	26.6
10..	55.93	56.28	56.77	55.58	55.84	57.49	56.32	24	24	31.6	26	26.6	25.8	26.3	33.2	23.1	97	97	73	89	90	95	90.2	1.3
11..	56.61	56.57	57.12	55.46	56.65	56.81	56.54	25.4	25	29.4	31.5	28	27.5	27.8	33	24.4	93	95	78	63	79	84	82	.....
12..	55.78	56.27	56.91	55.54	56.23	57.79	56.42	25.9	25.5	31.5	26.5	26	25	26.7	33	24.3	93	93	70	90	92	96	89	2
13..	57.35	57.38	57.39	55.69	56.44	57.46	56.95	24.9	24.7	30.6	31.6	27.6	26.1	27.6	32.4	23.8	96	94	72	66	77	89	82.3	.....
14..	56.11	56.27	57.19	54.72	55.74	57.27	56.22	25.2	25	31	31.6	27.8	25.7	27.7	34.3	24	94	96	72	66	83	92	83.8	.5
15..	55.65	56.17	56.25	54.70	55.04	56.24	55.68	24.2	24.9	26.6	25	24.5	24.3	24.9	31.6	23.4	96	95	87	92	92	97	93.2	23.1
16..	55.24	55.49	56.61	55.40	56.03	57.80	56.10	23.8	23.6	28	28.5	26	25	25.8	29.4	22.9	95	97	79	83	88	92	89	20.8
17..	56.43	56.79	58.01	55.95	56.50	57.56	56.87	24.1	24.5	30.5	30.2	27.7	27.5	27.4	32.5	23.4	94	95	69	73	83	87	83.5	.....
18..	56.14	57.05	57.84	55.93	56.40	58.10	56.91	25.6	25.5	31.6	30.9	27.8	26.3	28	33.2	24.1	91	92	70	71	82	90	82.7	.....
19..	56.64	57.37	57.74	57	57.59	59.15	57.58	25.1	25.4	31	27	26	24.1	26.4	33.3	23.7	95	96	73	77	87	95	87.2	4.1
20..	58.08	58.74	59.37	57.70	57.81	59.30	58.50	24.9	24.3	28.1	31.1	27	25.8	26.9	32	23	93	94	77	66	87	90	84.5	.....
21..	58.06	57.67	58.22	57.11	57.84	59.35	58.04	25	25.1	31.4	28.4	26.4	24.2	26.8	33.5	23.7	96	95	68	78	88	95	86.7	15.2
22..	58.83	59.41	59.74	57.91	58.14	59.87	58.98	24.3	24.1	25.4	28.6	26.5	25.5	25.7	30.2	23.1	95	97	90	78	90	93	90.5	2.6
23..	59.17	59.52	60.12	58.03	58.55	59.92	59.22	25	24	29.5	31.1	28	24.7	27	34	22.8	93	97	71	69	83	94	84.5	2.1
24..	58.77	59.18	59.45	57.52	57.71	59.02	58.61	24.8	24.6	28.2	30.1	27.8	26	26.9	31.3	23.8	94	92	76	71	78	88	83.2	1.5
25..	58.50	58.44	58.41	56.75	57.30	58.26	57.94	25.9	24.4	29.6	30.8	27.5	26	27.4	32.2	23.5	82	88	71	68	81	92	80.3	.....
26..	57.19	57.43	57.76	56.30	56.94	58.17	57.30	25	23.6	32	32	28.9	26	28.1	33.8	22.7	92	95	66	61	72	89	79.2	.....
27..	56.80	56.58	57.29	55.44	56.62	57.63	56.73	25	24	31.6	32	27.1	24.8	27.4	34.2	23	92	96	63	69	71	90	80.2	.....
28..	56.28	56.40	56.99	55.48	55.65	58.16	56.49	23.6	23.1	31	32.1	29.5	26.6	27.6	35	22.5	95	95	69	64	71	84	79.7	.....
29..	56.69	56.92	57.09	56.06	57.13	58.34	57.04	24.9	24.6	32.5	29.5	26	25.7	27.2	34	23.8	92	94	57	75	84	90	82	.5
30..	57.58	57.67	58.12	56.52	56.96	58.94	57.63	25	24.6	31.5	34.1	28.6	26.5	28.4	35.4	23.7	95	96	68	51	82	92	80.7	.....
31..	58.05	57.85	58.32	56.57	57.44	59.02	57.88	25.1	24.8	32.1	32.6	29.1	27	28.4	34.7	23.9	91	92	66	63	78	87	79.5	.....
Mean	56.92	57.18	57.68	56.10	56.69	58.07	57.11	24.8	24.7	30.4	30	27.5	25.8	27.2	33	23.5	93.1	94.7	71.4	72.5	83.4	91	84.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	111

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	E	E	Calm	Calm	22.5	31.7	41	21.1	116.3	10	A.-Cu.	Cu. NW	10	Ci. NE	Cu.-N. SSE
2..	Calm	WNW	ESE	NW	Calm	NW	16.6	34.1	38.4	20.3	109.4	10	Ci.-S.	Cu. NW	10	.....	Cu.-N.
3..	NW	Calm	ESE	WNW	Calm	WNW	12.6	37.8	33.3	18.2	101.9	9	Ci.-S. E	Cu.	10	.....	Cu.-N.
4..	NW	WNW	SW	WNW	WNW	Calm	17.2	33.8	68.6	22.3	141.9	10	.....	N.-cf.	10	Ci.-S.	Cu.
5..	NW	Calm	ESE	WNW	Calm	Calm	27.4	30.3	33	13.7	104.4	10	Ci.-S. NNE	Cu.	10	Ci.-S.	Cu.-N. SW
6..	Calm	Calm	E	E	SSE	Calm	19.3	24.7	33.2	32.5	109.7	10	Ci.-S.	N.-cf.	10	Ci.-S.	Cu. WSW
7..	WNW	Calm	ESE	Calm	Calm	WNW	29.8	26.9	34	18.7	109.4	10	.....	N.	10	.....	Cu.-N.
8..	Calm	Calm	ESE	NW	WNW	WNW	10.7	42.3	48.8	45.3	147.1	10	Ci.-S.	Cu.	10	.....	Cu.-N.
9..	WNW	Calm	E	Calm	S	S	14	38.1	34.1	30.3	116.5	10	A.-Cu. W	Cu.	10	A.-Cu.	Cu.-N.
10..	Calm	Calm	ESE	WSW	WNW	Calm	14.8	32.8	34.6	17.5	99.7	10	Ci. N	Cu.	10	.....	Cu.-N.
11..	Calm	ESE	Calm	SE	SE	SE	19.6	31.9	38.9	52.8	143.2	10	.....	N.	10	Ci.-Cu. SW	Cu.
12..	Calm	SSE	ESE	NW	WNW	Calm	21.2	33.3	42.6	12.1	109.2	10	.....	N.-cf.	10	.....	Cu.-N.
13..	Calm	SSE	ESE	SSE	SE	WbyN	11.1	51.7	80	24.9	167.7	10	Ci.-S. ENE	Cu.	10	Ci.	Cu. S
14..	WNW	Calm	SE	SE	SE	Calm	28.8	27.2	70.3	23.3	149.6	10	Ci.-S.	Cu.	10	Ci. NNE	Cu.
15..	Calm	WNW	WNW	NW	WNW	Calm	21.1	30.6	51.2	22.5	125.4	10	.....	N.	10	.....	N.
16..	SSW	SSW	SSW	S	SSE	SSE	35.7	52.5	29.5	24.9	142.6	10	.....	N.	10	.....	N.-cf. SSW
17..	Calm	SW	SE	SSE	SE	SE	20.3	50.9	60.2	43.7	175.1	10	A.-Cu.SW	Cu.	10	Ci.-S.	Cu. SW
18..	Calm	SE	SE	SE	SE	S	18	69.8	75.6	24.1	187.5	10	Ci.-S.	Cu. SE	10	Ci.-S.	Cu.-N.
19..	Calm	Calm	SE	WNW	Calm	Calm	9.7	33.6	42.8	11.3	97.4	10	Ci.-S. NE	Cu.-N.	10	Ci.-S.	Cu.-N.
20..	Calm	NNE	E	SE	Calm	E	15.8	33	56	14.8	119.6	10	A.-Cu.NNE	Cu.	10	A.-Cu. ENE	Cu.-N.
21..	Calm	WNW	ESE	NW	W	Calm	17.4	36.4	53.1	19	125.9	10	Ci.-Cu.	Cu.WNW	10	Ci.	Cu.-N.
22..	Calm	Calm	Calm	E	WNW	Calm	10.7	25.7	21.9	9.4	67.7	10	.....	N.-cf. SE	10	A.-Cu.	Cu. W
23..	WNW	Calm	WNW	SE	W	Calm	10.7	39.6	34.6	26.4	111.3	8	A.-Cu. SSE	Cu.	10	Ci.-Cu.	Cu.-N. W
24..	Calm	WNW	NW	NW	NW	Calm	31.4	63.4	69.7	41.8	206.3	10	.....	N.-cf.	10	Ci.-S.	Cu. W
25..	NW	WNW	N	SE	S	Calm	55.8	48.6	50.7	19.5	174.6	10	A.-Cu.	N.-cf. W	10	A.-Cu.	Cu. W
26..	Calm	Calm	SE	SSW	WNW	WNW	8	36.4	59.3	60.6	164.3	2	Ci.	Cu.	9	Ci.	Cu. WNW
27..	NW	Calm	ESE	ESE	WNW	WNW	10.2	28.7	55	24.7	118.6	10	Ci.-S. NE	Cu.	10	Ci.-S.	Cu. W
28..	Calm	Calm	E	NNW	SSE	Calm	7.7	35.7	40.7	34.6	118.7	10	Ci.-S. NE	Cu.	10	A.-Cu.	Cu. W
29..	Calm	Calm	SSE	WNW	ESE	WNW	13.2	46.4	39.7	18	117.3	10	Ci. NNE	Cu.	10	Ci.	Cu.-N. SW
30..	Calm	Calm	ESE	SW	Calm	Calm	12.3	30.8	38.6	20.9	102.6	10	Ci.-S.	Cu. SW	10	Ci.-S.	Cu. WSW
31..	Calm	Calm	SE	SE	Calm	W	14.8	48.6	58.2	17.2	138.8	10	Ci.-S. NE	Cu.	10	Ci.-S.	Cu. SW
Mean	.....	.....	.....	.....	.....	.....	18.7	38.3	47.3	25.4	129.7	9.6	.....	.....	10	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,019.7	.....	.....	.....	.....	.....	.....

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

AUGUST, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.58	58.27	58.42	57.13	57.37	59.05	58.14	25.7	24.5	31	33.6	28.6	25	28.1	34.3	23.6	90	92	69	58	79	92	80	21.3
2..	58.38	57.84	58.20	57.41	57.29	58.77	57.98	24.1	24.8	31.3	27.2	26.6	25.8	26.6	33.9	23.3	95	94	68	75	89	93	85.7	.5
3..	57.60	57.42	58.03	57.21	57.17	58.89	57.72	25.4	24.9	28.1	26	25.9	25.1	25.9	32.6	23.9	95	97	91	92	94	96	94.2	3
4..	57.37	57.68	58.73	57.76	57.39	59.18	58.02	25	24.4	25.4	26.1	25.3	24.7	25.2	27.2	23.5	92	96	88	90	92	91	91.5	4
5..	58.48	58.65	59.22	57.55	57.64	59.14	58.45	24.6	24.1	27	32.2	27.8	25.9	26.9	32.6	23.4	92	95	84	63	74	88	82.7	.....
6..	58.37	58.94	58.87	56.87	57.94	58.34	58.22	24.6	24.1	31.5	33.1	25.5	24.8	27.3	33.7	23.3	95	96	72	63	89	93	84.7	2.6
7..	57.58	57.29	57.40	56.50	56.14	57.52	57.07	24.3	24.1	30.1	26.6	24.6	23.5	25.5	33.6	22.7	94	95	69	88	91	95	88.7	12.5
8..	56.13	56.61	57.45	55.35	56.43	57.89	56.64	23.3	23	30.1	30.4	27.2	25.5	26.6	32.4	22.1	97	97	71	64	84	88	83.5	6.1
9..	56.95	57.39	58.02	56.52	57.21	59.08	57.53	24.9	24.3	30.2	29.2	27.2	24.9	26.8	32.7	23.6	93	97	77	76	87	93	87.2	7.6
10..	57.18	57.38	58.49	57.01	57.49	58.35	57.65	24.1	24.9	30.6	27.2	25.9	24.9	26.3	33	22.9	95	95	72	84	88	90	87.3	9.1
11..	57.43	57.54	58.39	57.10	57.91	59.06	57.90	24.3	24.5	30.1	30.9	27.9	27.5	27.5	31.7	23.3	93	93	77	70	80	84	82.8	.....
12..	57.63	58.01	58.86	56.73	57.49	59.57	58.05	27	26	29.9	32	28.1	27	28.3	33.1	25	87	92	75	64	79	87	80.7	.....
13..	58.48	58.63	58.74	56.42	56.99	58.45	57.95	25.7	25.9	31.9	33	28.8	26.4	28.6	33.7	24.6	92	93	67	57	75	87	78.5	.....
14..	57.54	57.17	57.55	55.12	56.06	57.57	56.84	25.3	25.5	31.6	34.3	28.9	25.9	28.6	35.7	24.2	93	95	71	63	80	93	82.5	15
15..	56.09	56.42	56.49	54.64	55.07	56.31	55.84	24.6	25	30	31.9	29.5	27.5	28.1	33.5	23.9	95	96	78	61	68	78	79.3	.....
16..	54.68	55.08	55.07	53.16	53.87	55.22	54.51	25.3	24.6	30.9	31.6	28.9	26	27.9	32.9	23.9	88	92	67	63	79	94	80.5	.3
17..	54.07	54.33	55.34	53.87	54.51	56.27	54.73	25.7	25.9	30	30.6	28.4	26.3	27.8	32	24	84	85	69	72	68	86	77.3	.8
18..	55.56	56.19	57.04	55.57	56.41	58.15	56.49	25.3	25.2	32.6	32.4	28.8	26.9	28.5	34.6	24.4	85	90	63	65	80	78	76.8	.....
19..	57.14	57.15	58.07	56.99	57.79	58.82	57.66	25.2	25	32.4	31	28	26	27.9	33.8	24	87	92	64	67	79	89	79.7	.....
20..	57.94	57.93	58.72	57.32	58.17	60.17	58.38	25.1	25.5	30.1	31.4	28	27.5	27.9	33.4	24.5	88	94	71	67	74	81	79.2	.....
21..	58.78	59.10	59.81	58.31	58.28	60.22	59.08	25	24.6	32.6	33.9	28.4	26.7	28.5	34.9	23.9	92	95	61	52	75	86	76.8	.....
22..	59.17	59.75	60.04	57.79	58.47	59.64	59.14	24.2	24.1	32.3	32.6	28.4	25.9	27.9	34.4	23.5	94	96	59	55	68	88	76.7	.....
23..	58.49	58.68	59.35	58.90	59.33	60.68	59.24	25.1	24.7	32.6	25.9	25.8	25.1	26.5	33.6	23.7	93	95	61	88	89	93	86.5	5.4
24..	59.74	60.16	60.61	58.29	60.10	60.83	59.96	23.5	24.4	30.8	32.5	27	25.6	27.3	33.2	22.9	96	97	68	58	81	91	81.8	.....
25..	59.65	59.97	59.88	58.28	59.16	59.91	59.48	23.7	25	31	30	26.8	25.4	27	34.4	23.1	95	95	65	70	86	93	84	2.1
26..	58.83	58.62	58.95	56.79	57.43	58.92	58.26	25.4	25.1	31.6	28.4	26.9	25.5	27.2	34.8	24.4	93	95	68	73	87	92	84.7	.....
27..	57.87	58.18	58.59	56.13	57.59	59.46	57.97	25.1	24.9	31.4	33.1	26.4	26.1	27.8	34.7	24.1	95	94	66	61	90	90	82.7	3
28..	58.47	58.83	59.29	57.03	57.48	59.08	58.36	25	25.2	30.9	28.9	26.6	25.1	27	35.1	24	92	95	67	83	87	94	86.3	.....
29..	57.57	57.39	58.35	55.95	56.65	57.57	57.25	24.9	24.8	32.4	29.1	25.5	24	26.8	34.7	23.5	92	94	66	74	92	96	85.7	17.8
30..	56.04	55.89	56.85	54.69	55.87	57.47	56.14	24.3	24.5	31.1	30.9	25.1	25	26.8	33.6	23.3	95	96	71	65	94	92	85.5	4.8
31..	55.38	55.73	56.64	54.78	55.59	57.04	55.86	24.6	24.6	31	27.5	26	25.4	26.5	33.1	23.6	95	96	69	78	89	93	86.7	.....
Mean	57.52	57.68	58.24	56.55	57.17	58.60	57.63	24.8	24.8	30.7	30.4	27.2	25.7	27.3	33.4	23.7	92.3	94.3	70.5	69.6	82.8	89.8	83.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	115.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	WbyS	Calm	ESE	ESE	SE	SE	22.2	36.4	59	36.7	154.3	10	Ci.-S. NE	Cu.	7	A.-Cu.	Cu. SW
2..	Calm	Calm	SSE	WNW	WNW	WbyN	10.3	42.6	61.2	14.8	128.9	7	Ci.-S. NE	Cu.	10	A.-Cu.	Cu.-N.
3..	WNW	Calm	Calm	Calm	Calm	Calm	22.5	17.4	21.5	7.2	68.6	10	.....	N.-cf.	10	.....	Cu.-N.
4..	WNW	SSE	S	NNW	Calm	E	42.3	31.9	33.6	15.5	123.3	10	.....	N.	10	.....	N.
5..	NW	W	Calm	ESE	SSE	S	28.4	23.6	58.5	33.8	144.3	10	Ci.-S. NNE	Cu.-N.	10	Ci.-S. NNE	Cu.
6..	Calm	Calm	E	SE	Calm	WbyN	13.2	29.3	57.4	19.5	119.4	10	Ci.-Cu.	Cu. SE	7	Ci.	Cu.-N. E
7..	WNW	WNW	NNE	NE	W	Calm	40.4	28.4	54.9	23.8	147.5	9	Ci.-S. NW	Cu.	10	.....	Cu.-N.
8..	Calm	Calm	SE	ESE	Calm	ENE	12.4	34.4	55.2	22.8	124.8	9	Ci. WSW	Cu.	10	Ci.-S. SW	Cu.
9..	Calm	Calm	E	WNW	Calm	SE	10.8	32.8	43.1	31.9	118.6	10	Ci.-S.	Cu. SE	9	Ci.	N.-cf. WSW
10..	Calm	WNW	NNE	Calm	SbyE	Calm	13.2	36.7	35.1	19.8	104.8	7	Ci.-S.	Cu.	10	.....	Cu.-N.
11..	SSE	Calm	SE	SE	SE	SE	21.1	50.7	70.6	69.2	211.6	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
12..	ESE	Calm	SE	SE	Calm	ENE	38	45.1	67.6	25.9	176.6	10	Ci.	Cu. SE	10	Ci. NE	Cu.
13..	Calm	Calm	SE	SE	Calm	Calm	20.6	45.3	64.4	20.6	150.9	10	Ci. NNE	Cu.	6	Ci.	Cu.
14..	Calm	Calm	E	Calm	Calm	WSW	10	35.1	45.3	22.7	113.1	10	Ci.	Cu. SE	9	Ci.	Cu. NW
15..	Calm	Calm	Calm	WNW	NW	WNW	9.7	29	110	75	223.7	10	A.-Cu.	Cu. NW	10	Ci.	Cu. WNW
16..	Calm	Calm	WNW	Calm	Calm	SW	14.2	26	40.7	20.7	101.6	10	Ci.-S.	Cu. NW	10	Ci.-S.	Cu. W
17..	S	S	SW	SSW	SW	Calm	29.2	48.9	59.5	22.8	160.4	10	Ci.-S.	Cu. SW	10	A.-Cu.	Cu. SW
18..	Calm	Calm	SSE	SE	SSE	SSE	12.4	57.3	70.5	30.9	171.1	10	Ci.-S.	Cu. SW	10	Ci.-S.	Cu. SSW
19..	Calm	Calm	SSE	SE	SE	Calm	15	60.6	69.2	23.6	168.4	10	Ci.-S. NE	Cu.	10	Ci.-S.	Cu. S
20..	SE	WNW	SE	SE	SE	SE	25.1	28.4	56.8	47	157.3	10	Ci.-S. NE	Cu.	10	Ci.-S. NE	Cu.
21..	Calm	Calm	SE	SE	S	Calm	8.3	38	71.9	17.9	136.1	10	Ci.	Cu. SE	2	Ci.	Cu.
22..	Calm	Calm	SSE	SSE	SE	Calm	12.6	34.1	66.2	25.4	138.3	8	Ci.	Cu. SE	10	Ci. NNE	Cu.
23..	W	Calm	E	Calm	Calm	WSW	32.8	23.9	25.4	19.6	101.7	9	Ci. E	Cu.	10	.....	Cu.-N.
24..	Calm	Calm	SE	SE	Calm	Calm	12.6	43.8	54.9	26.9	138.2	3	A.-Cu.	Cu.	10	Ci.-S. NE	Cu.-N.
25..	Calm	Calm	E	WSW	NW	Calm	11.5	33.2	43	21.4	109.1	10	A.-Cu. ESE	Cu.	10	Ci.-S.	Cu.-N.
26..	Calm	W	E	Calm	WNW	W	24.1	34.1	34.3	26.4	118.9	10	Ci.-Cu. E	Cu.	10	Ci.-Cu.	Cu.-N.
27..	W	W	N	SE	Calm	W	31.1	28.2	48.9	38.3	146.5	9	A.-Cu.	Cu. NW	10	Ci.-Cu.	Cu.-N.
28..	Calm	WNW	Calm	E	Calm	Calm	31.7	34	41.2	8.5	115.4	10	Ci.-S.	Cu. NW	10	.....	Cu.-N.
29..	W	WNW	E	SE	Calm	Calm	23	35.9	38.4	3.5	100.8	10	Ci.-S.	Cu. NW	10	.....	Cu.-N.
30..	Calm	WNW	E	WNW	Calm	W	21.1	32.5	51.5	16.1	121.2	10	Ci.-S. NE	Cu.	10	A.-Cu.	Cu. SW
31..	W	Calm	E	NW	Calm	W	26.8	30.8	49.9	21.2	128.7	10	Ci. NE	Cu.	10	.....	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	20.9	35.8	53.5	26.1	136.3	9.4	.....	.....	9.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,224.1	....	.....	.....	.....	.....	.....

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

SEPTEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	56.09	57.04	58.14	56.23	56.53	58.09	57.02	24	24.5	26.6	27.6	26.5	26	25.9	28.4	23.5	95	95	83	80	88	81?	87	2
2..	57.17	57.92	59.33	56.81	57.12	58.39	57.79	24.6	24.6	27.9	30.1	27.5	25.1	26.6	32	23.9	95	95	79	69	77	88	83.8	.....
3..	57.08	57.43	58.05	56.27	57.19	58.11	57.36	24	24.5	30.4	27	26	25.4	26.2	32.9	22.9	92	95	73	86	93	92	88.5	3.9
4..	56.42	56.48	57.33	55.73	56.67	57.18	56.64	25.1	25	25.9	27.3	25.1	24.6	25.5	27.7	23.9	96	96	88	79	92	92	90.5	5
5..	56.03	56.57	56.77	55.65	56.60	57.98	56.60	24.9	26	29.5	27.5	27.4	25.6	26.8	31.9	23.9	87	81	72	81	78	88	81.2	.8
6..	56.95	57.79	58.58	56.91	57.51	59.23	57.83	25.5	24.3	28.6	31.4	27.8	24.1	27	32.3	23.5	84	95	77	65	83	91	82.5	27.4
7..	57.87	57.96	58.05	56.10	56.50	58.38	57.48	24.5	24.5	30.1	32.1	27.5	24.9	27.3	33.5	23.1	93	96	77	61	88	90	84.2	7.6
8..	57.18	56.92	57.89	56.05	55.89	57.66	56.93	24.6	24.5	27.2	26.9	25.9	25.4	25.8	28	23.3	95	96	87	89	92	93	92	.3
9..	55.98	56.86	58.23	55.86	56.86	58.11	56.98	24.5	24.5	28	29.6	27.1	26	26.6	30	23.5	96	96	77	73	84	92	86.3	.....
10..	57.05	57.40	58.17	57.08	57.75	59.28	57.79	24.5	25.4	31.9	24.6	24.9	23.8	25.8	32.8	23.3	88	92	61	95	92	97	87.5	82.8
11..	58.24	58.18	59.24	56.59	57.60	59.29	58.19	24.5	23.9	28.9	31.5	27.8	27.4	27.3	32.4	22.9	96	96	76	67	77	86	83	1.3
12..	58.39	58.32	59.31	58	57.84	59.62	58.58	26	25.3	31.5	27.9	26.1	25.5	27	32.6	24.4	92	97	72	84	92	92	88.2	3.4
13..	58.45	59.22	60.55	58.23	58.18	59.37	59	24.9	25	25.6	27.2	26	25.5	25.7	29	23.6	94	92	92	80	84	88	88.3	2.1
14..	58.64	58.93	59.67	57.85	58.60	60.21	58.98	24.5	24.4	30.4	30.5	27.4	25.6	27.1	32.5	23.3	92	96	72	69	81	90	83.3	.8
15..	58.82	59.40	59.61	57.65	58.70	59.51	58.95	24.5	24.1	31	30.4	26.9	25.2	27	33.6	21.8	95	96	65	69	84	90	83.2	.....
16..	58.50	58.13	58.30	56.35	56.78	58.28	57.72	24.5	24	30.4	31	26.1	25.4	26.9	33	23.4	92	96	65	65	85	92	82.5	.....
17..	56.87	57.44	57.97	56.17	57.62	59.76	57.64	24.2	24.4	31.4	33	27	25	27.5	33.9	23.1	95	96	63	57	78	87	79.3	.....
18..	58.57	58.78	59.31	57.72	58.85	60.10	58.89	23.7	24.4	31.7	28.3	27.1	25.9	26.8	33.4	23	94	93	66	82	84	92	85.2	.....
19..	58.80	58.98	59.56	56.52	57.70	58.62	58.36	24	24.6	30	32	26.9	25.9	27.2	33.8	23.2	95	96	74	63	81	88	82.8	.8
20..	57.67	58.38	58.67	56.73	57.88	58.71	58.01	25.1	24.1	28.2	31.5	25.6	24.6	26.5	32.2	23.6	92	96	80	63	88	94	85.5	15.7
21..	57.91	58.67	59.46	57.71	58.83	60.08	58.78	25.3	24.8	26.5	27.4	26.1	24.9	25.8	31.7	23.5	90	94	90	81	90	93	89.7	12.8
22..	59.55	59.08	59.45	57.56	58.74	59.93	59.05	24.1	24.4	30.5	29.1	26.4	25.4	26.6	32.6	23.1	96	96	66	74	86	92	85	.....
23..	58.55	59.07	58.74	56.47	57.81	59.02	58.28	25	24.9	30.4	29.6	27.5	26.4	27.3	33.2	24	93	94	69	71	88	89	84	.....
24..	57.82	58.47	59.14	56.25	56.36	58.03	57.68	25.3	24.9	30	27.6	26.7	25.3	26.6	31.3	23.5	92	94	75	87	92	95	89.2	1.8
25..	56.91	56.84	57.14	55.01	56.40	57.33	56.60	25.1	25	30.9	30.3	27.1	25.4	27.3	33.2	24.2	96	96	72	72	84	92	85.3	.....
26..	56.05	56.67	57.22	55.74	57.04	58.41	56.86	25.3	25.5	30	25	26	24.2	26	32.9	23.5	94	95	78	92	92	95	91	1.3
27..	56.98	57.43	58.31	56.03	57.10	58.49	57.39	24.6	24.7	31.1	27.4	27.6	24.6	26.7	32.9	23.4	95	95	69	84	89	95	87.8	1.8
28..	56.92	56.98	58.07	55.62	56.61	58.27	57.08	25.2	25.1	32.1	31.9	28.9	26.6	28.3	34.6	23.8	95	96	66	60	75	90	80.3	.3
29..	56.95	58.12	58.61	56.96	57.45	59.13	57.87	25.5	25	30.5	29.5	27.5	25.9	27.3	33	24.4	79	88	72	74	81	92	81	.....
30..	57.96	58.17	58.76	56 95	58.23	59.81	58.31	25.5	24.9	31.6	26	26.5	26	26.8	34.2	24.1	92	94	68	84	89	88	85.8	3.1
Mean	57.55	57.92	58.59	56.63	57.43	58.81	57.82	24.8	24.7	29.6	29	26.8	25.4	26.7	32.2	23.5	92.7	94.4	74.1	75.2	85.6	90.8	85.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	175.

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	SW	WNW	Calm	WNW	11.9	29.2	35.1	17.7	93.9	10	.....	N.-cf.	10	.....	N.-cf.
2..	Calm	Calm	SW	SSE	SW	WSW	15.8	35.9	49.9	13.9	115.5	10	.....	N.-cf. W	10	A.-Cu.	N.-cf. SW
3..	Calm	Calm	Calm	N	Calm	WSW	8.3	29.3	23.1	12.7	73.4	10	A.-Cu.	N.-cf.	10	.....	N.
4..	Calm	Calm	WNW	WNW	WNW	WSW	19.1	59.8	61.4	28.5	168.8	10	.....	N.-cf. WNW	10	.....	N.-cf.
5..	WNW	WNW	WbyN	WNW	W	Calm	49.6	106.7	104.1	31.7	292.1	10	A.-Cu. WNW	Cu.	10	.....	N.-cf. WNW
6..	WNW	Calm	SE	SE	Calm	SSW	27.4	26.4	31.6	29.6	115	10	Ci.-S. E	Cu.	10	Ci.-S. ENE	Cu.
7..	Calm	Calm	SE	SE	Calm	S	19.6	35.1	37.3	40.8	132.8	10	Ci.-S. ENE	Cu.	10	A.-Cu. SW	Cu.
8..	Calm	Calm	Calm	SE	Calm	Calm	16.3	19.9	36.4	12.6	85.2	10	.....	N.-cf.	10	.....	N.
9..	Calm	Calm	NW	NW	Calm	Calm	13.2	30.4	36.2	10.5	90.3	10	.....	N.-cf.	10	.....	N.-cf.
10..	Calm	W	ESE	WNW	Calm	Calm	23.1	48.5	24.1	7.8	103.5	10	.....	N.-cf.	10	.....	Cu.-N.
11..	Calm	Calm	SE	SE	SSE	SE	15	36.4	68.7	43.3	163.4	10	.....	N.-cf. SW	10	Ci. NE	Cu.
12..	WNW	WNW	ESE	Calm	Calm	Calm	23.1	39.2	36.8	17.1	116.2	10	A.-Cu. E	Cu.	10	.....	Cu.-N.
13..	Calm	SE	S	Calm	SE	SE	24.4	40.5	22.5	52.9	140.3	10	.....	N.-cf.	10	.....	N.-cf.
14..	Calm	Calm	SE	SE	SE	Calm	20.3	33.2	65.5	18.8	137.8	10	.....	N.	10	Ci.	Cu.-N.
15..	Calm	WNW	SE	SE	Calm	W	16.7	40.4	50.7	21.7	129.5	1	Ci.	Cu.	10	Ci.-S. S	Cu.
16..	WNW	Calm	WNW	E	WNW	Calm	41	30.9	44.8	19	135.7	10	Ci. NE	Cu.	9	Ci.-S. E	Cu.
17..	Calm	Calm	SE	ESE	WNW	S	15.5	43.5	46.4	35.7	141.1	3	Ci.-S.	Cu.	4	Ci.	Cu.
18..	Calm	WNW	E	E	Calm	Calm	14.5	28.2	42.6	15.5	100.8	3	Ci.-S.	Cu.	10	.....	Cu.-N.
19..	Calm	Calm	ESE	SE	WNW	Calm	16.7	33.3	43.5	22.2	115.7	10	Ci.-S. SSE	Cu.-N.	10	Ci.-S.	Cu. NE
20..	Calm	Calm	SE	SE	Calm	Calm	18.7	44	57.9	21.9	142.5	10	Ci.-S.	N.-cf.	10	Ci. SE	Cu.
21..	Calm	W	ESE	W	Calm	Calm	38.1	44	33.8	18.7	134.6	10	.....	N.-cf.	10	.....	N.-cf.
22..	Calm	Calm	ESE	SE	W	Calm	11	29.3	40.5	23.3	104.1	10	Ci.-S.	Cu.-N.	10	Ci. E	Cu.-N.
23..	W	W	SE	SSE	Calm	NW	33.8	41.2	46.5	22.2	143.7	10	A.-Cu. SW	Cu.	10	Ci.-S.	cu.-N. WNW
24..	WNW	WNW	SE	SW	Calm	Calm	26	32.5	22.7	8.9	90.1	9	Ci.-Cu. E	Cu.	10	.....	Cu.-N.
25..	Calm	WNW	NW	WNW	Calm	Calm	19.3	28	46.2	6.2	99.7	10	Ci.-S. NE	Cu.	10	Ci.	Cu.-N.
26..	W	Calm	Calm	W	Calm	Calm	21.7	24.1	28.4	8.2	82.4	10	Ci.-S. NE	Cu.	10	.....	Cu.-N.
27..	Calm	Calm	ESE	WNW	Calm	Calm	14.5	50.5	40.2	12.7	117.9	10	A.-Cu.	N.-cf. WSW	10	.....	Cu.-N.
28..	W	Calm	SE	SSW	WNW	WNW	19.1	40.2	38.6	30.1	128	10	Ci.-S. NE	Cu.	10	Ci.	Cu.-N.
29..	WNW	Calm	ESE	SE	Calm	Calm	24.6	39.4	60.6	9.5	134.1	10	.....	N.-cf.	10	.....	N.-cf.
30..	Calm	Calm	ESE	WSW	Calm	WNW	11.8	36.7	35.6	14	98.1	10	A.-Cu.	Cu.	10	Ci.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	21	38.6	43.7	20.9	124.2	9.2	.....	.....	9.8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,726.2	.....	.....	.....	.....	.....	.....

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, −1.82 mm.]

OCTOBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.95	58.78	59.67	57.15	58.54	59.71	58.80	25.5	25.5	30.9	30	25.4	23.7	26.8	33	23.1	93	95	72	66	89	95	85	10.9
2..	58.33	58.58	58.97	56.37	57.83	59.23	58.22	23.9	24.6	30	26.4	24.5	24	25.6	32.7	23	96	95	69	88	92	95	89.2	10.5
3..	57.59	57.99	58.57	56.17	56.56	58.11	57.50	23.9	24	29	28.4	25.6	25.5	26.1	30.8	23	97	97	78	79	92	93	89.3	.5
4..	56.73	56.92	57.50	55.13	55.53	56.93	56.46	24.6	25.1	28.9	27.6	25.8	24.7	26.1	30.2	23.9	95	87	75	79	85	89	85	12.2
5..	55.09	55.51	55.70	53.74	54.56	55.28	54.98	24.4	24.9	26.5	26.1	24.1	23.9	25	28.2	23	92	92	92	87	96	97	92.7	37.3
6..	53.71	54.07	54.77	53.05	54.01	55.26	54.14	24	24	26.3	26.6	25.1	24	25	27.4	23.4	91	96	90	80	83	92	88.7	12
7..	53.76	54.25	55.58	54.04	54.83	55.89	54.72	24.8	25.5	25.6	26.5	24.9	24.4	25.3	27.4	23.8	86	80	86	76	83	88	83.2	7.6
8..	54.58	55.73	57.36	55.43	56.56	57.84	56.25	25.1	25	29.1	31.5	26.9	25.6	27.2	31.9	24.1	88	88	74	63	81	88	80.3	.5
9..	56.72	57.48	58.37	56.28	57.89	59.15	57.65	25	24.6	30	32	25.5	24.9	27	33.1	23.7	87	92	64	60	92	93	81.3	2.5
10..	57.82	57.89	59.21	56.99	58.05	59.70	58.28	24.1	23.3	31	31.9	27.6	26	27.3	32.6	22.7	96	95	67	66	80	89	82.2	9.9
11..	58.65	58.93	59.31	57.09	58.49	60.03	58.75	24.6	23.7	30.9	30.5	26	25	26.8	33.4	22.9	95	95	71	76	89	92	86.3	5.3
12..	58.53	58.98	59.86	57.74	59.43	59.60	59.02	24.7	24.5	28.4	28.1	24.8	25	25.9	31	23.9	95	96	82	79	93	93	89.7	14.2
13..	58.78	59.87	61.10	58.93	59.30	60.88	59.81	24.7	24.5	25	28	26.6	24.5	25.6	30.5	23.5	94	96	92	82	84	93	90.2	3.6
14..	59.56	59.81	59.69	57.87	58.28	60.08	59.22	23.8	23.6	30.5	28	26	25.1	26.2	32.7	22.9	95	97	69	80	89	93	87.2	.....
15..	58.83	58.99	59.44	57.14	57.83	59.14	58.56	23	23.6	30.6	31.5	26.1	25.1	26.6	32.8	22.1	96	96	72	65	90	94	85.5	4.1
16..	57.92	58.25	58.82	55.92	56.62	57.78	57.55	24.3	24.2	30.5	32.1	27.4	26	27.4	34	23.6	96	96	72	65	84	89	83.7	.....
17..	56.18	56.55	57.10	54.86	55.48	56.81	56.16	25.3	25.1	31	29	26.5	25.5	27.1	31.8	24.4	91	93	72	78	90	92	86	4.1
18..	55.72	56.17	56.91	55.13	56.07	57.32	56.22	25	25	30.5	25.2	25.6	25.1	26.1	32.7	24.2	94	94	74	90	92	95	89.8	3.1
19..	56.29	56.88	57.42	55.37	57.08	58.19	56.87	24.6	25	29.9	29.2	26.6	25.4	26.8	31	23.9	95	97	75	76	89	93	87.5	.....
20..	56.72	57.31	58.15	56.25	56.92	58.23	57.26	24.4	24	30.5	31.1	27	25.8	27.1	33.3	23.2	96	97	74	71	86	93	86.2	.....
21..	57.17	57.74	58.27	55.92	57.26	58.71	57.51	24	24.6	31.6	32.9	27.5	25.6	27.7	33.6	23.3	96	96	71	64	86	93	84.3	6.6
22..	57.27	58.10	59.22	56.85	57.69	59.11	58.04	24.6	24.2	27.5	26.6	25.9	25.5	25.7	28.5	23.5	95	97	89	91	93	90	92.5	3.1
23..	57.82	58.34	59.42	57.28	57.87	58.89	58.27	24.5	24.6	27.6	26.2	25.1	24.6	25.4	29.3	23.6	96	93	80	90	92	96	91.2	3.8
24..	57.99	58.78	59.09	56.87	57.38	58.41	58.09	24.8	24.6	29.5	30.1	26	25.5	26.8	32.1	23	95	95	78	74	85	91	86.3	.....
25..	57.30	58.18	58.38	55.95	56.71	58.13	57.44	25	25	29	31.5	27	25.5	27.2	33.4	24	92	95	78	70	87	95	86.2	.8
26..	57	57.45	57.87	55.12	56.48	58	56.99	25.1	25	31.7	32.3	25.7	24.7	27.4	34	24	96	96	71	57	87	94	83.5	.....
27..	56.47	57.09	57.72	55.42	56.48	57.84	56.84	23.9	24	32	29.4	26	25.5	26.8	33.5	23.4	94	96	66	75	92	95	86.3	2
28..	56.72	58.08	58.72	56.92	58.14	59.50	58.01	24.7	24.6	31.6	30	25.7	25	26.9	33.6	23.6	94	95	66	71	87	92	84.2	1.3
29..	58.24	58.70	59.30	57.25	57.82	59.22	58.42	24.7	24.9	29.9	28.9	26.1	25.5	26.7	31	23.7	93	94	75	76	88	90	86	14.5
30..	57.72	57.79	58.99	57.28	57.60	58.62	58	24.5	24.5	27.5	26.4	25.1	25.1	25.5	31.7	23.4	92	92	78	89	92	92	89.2	7.6
31..	56.73	56.88	57.97	56.49	57.29	57.71	57.18	24.8	24.8	26	24.4	23.4	23.6	24.5	27	22.6	92	93	89	92	97	95	93	54
Mean	57.13	57.62	58.34	56.19	57.12	58.36	57.46	24.5	24.5	29.3	29	25.9	25	26.4	31.6	23.4	93.7	94.1	76.2	76	88.5	92.5	86.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	232

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	WNW	NNW	W	Calm	Calm	11.1	43	37.5	17.1	108.7	10	Ci. NNE	Cu. NW	10		Cu.-N.
2..	Calm	Calm	NNW	N	Calm	Calm	10.8	29.2	50.4	25.9	116.3	10	A.-Cu. E	Cu.	10		Cu.-N.
3..	Calm	Calm	WNW	W	Calm	Calm	17.7	30	39.4	15.5	102.6	10	Ci.-S.	Cu. NW	10	Ci.-S.	Cu.-N.
4..	Calm	WNW	WNW	WNW	WNW	NW	37.8	95.5	92.7	42.8	268.8	10	.....	N.-cf.	10	.....	Cu. W
5..	WNW	WNW	Calm	WNW	Calm	SSW	60.4	24.1	44.5	24.4	153.4	10	.....	N.-cf.	10	.....	N.-cf.
6..	SW	Calm	SSW	SSW	SW	S	30.8	38	50.9	38	157.7	10	.....	N.	10	.....	N.
7..	SW	SW	S	SW	SW	Calm	74.5	41.8	63.9	61.4	241.6	10	.....	N.	10	.....	N.
8..	Calm	S	SSE	SSW	Calm	S	35.6	34	59.7	31.7	161	10	.....	N.-cf. SW	10	.....	N.-cf. SW
9..	S	Calm	SSW	SSW	Calm	Calm	27.7	48.6	48	7.4	131.7	10	.....	N.-cf. ssw	10	Ci.-S.	Cu. SW
10..	Calm	Calm	SSE	SE	SE	Calm	13.9	68.9	70.6	47.5	200.9	10	Ci. NE	Cu.	10	Ci. E	Cu.
11..	Calm	Calm	S	E	Calm	WNW	14	33.6	44.5	31.4	123.5	10	Ci.-S. SE	Cu.	10	A.-Cu.	N.-cf. E
12..	Calm	Calm	ESE	SSE	SE	Calm	20.7	39.6	84.2	56.6	201.1	10	Ci.-S. SE	Cu.	10	.....	Cu.-N.
13..	WNW	W	SE	Calm	SE	Calm	37.5	33.2	29.	14.3	114	10	A.-Cu.	Cu.-N. E	10	A.-Cu.	Cu. S
14..	Calm	Calm	SE	SE	Calm	Calm	7.8	28.8	54.9	12.3	103.8	10	Ci.-S. NE	Cu.	10	.....	Cu.-N.
15..	Calm	Calm	SE	SSE	E	Calm	11.1	41.3	57.6	21.1	131.1	9	Ci. NE	Cu. SE	10	Ci. NE	Cu.
16..	Calm	WNW	Calm	SSE	WNW	Calm	35.6	27.7	51.3	18	132.6	10	A.-Cu. E	Cu.	7	Ci.	Cu.
17..	WNW	WNW	Calm	S	Calm	Calm	41	29.6	14.5	15.3	100.4	10	A.-Cu.	Cu. NE	10	.....	Cu.-N.
18..	WNW	WNW	Calm	WNW	W	Calm	39.6	39.4	27.1	30.6	136.7	10	Ci.-S.	Cu.-N.	10	.....	Cu.-N.
19..	W	Calm	Calm	SSE	Calm	Calm	30.9	28.8	33.3	27.2	120.2	10	.....	N.	10	Ci.-S.	Cu.-N.
20..	Calm	Calm	S	E	Calm	Calm	20.3	31.9	35.6	17.4	105.2	10	Ci.-S. S	Cu.	10	A.-Cu.	Cu.-N. E
21..	Calm	Calm	ESE	SE	Calm	Calm	15.1	34.1	44	22.8	116	10	Ci. N	Cu.	10	Ci. NE	Cu.
22..	Calm	Calm	Calm	Calm	Calm	SE	16.1	23.5	9.9	30.6	80.1	10	Ci.-S.	N.-cf. SE	10	.....	N.-cf.
23..	Calm	Calm	Calm	E	Calm	Calm	17.1	19.8	15.6	13.9	66.4	10	.....	N.-cf.	10	.....	N.
24..	Calm	Calm	SE	Calm	Calm	WNW	17.2	42.6	30.4	21.9	112.1	10	Ci.-S.	Cu.-N.	10	A.-Cu.	Cu.-N. E
25..	WNW	W	NW	ESE	Calm	Calm	39.9	26.2	40.7	12.9	119.7	10	Ci.-S.	Cu. SE	10	A.-Cu. E	Cu.-N.
26..	Calm	Calm	E	ESE	Calm	Calm	16.6	29	40.4	10.5	96.5	10	A.-Cu.	N.-cf. SE	8	Ci.	Cu.-N.
27..	Calm	Calm	SE	SE	Calm	Calm	13.5	39.1	32.2	18.8	103.6	2	Ci.	Cu.	10	.....	Cu.-N.
28..	WNW	WNW	SSE	SE	Calm	WNW	31.4	36.7	41	32.5	141.6	10	Ci. E	Cu.	10	Ci.	Cu.-N. E
29..	WNW	WNW	Calm	Calm	Calm	WNW	43.5	39.9	21.2	27.4	132	10	Ci.	Cu.-N. E	10	.....	Cu.-N.
30..	Calm	Calm	Calm	ENE	Calm	Calm	32.7	19.9	24.9	22.5	100	10	.....	N.-cf. NE	10	.....	N.
31..	WNW	WNW	Calm	S	Calm	Calm	48.3	30.3	35.1	34.8	148.5	10	Ci.-S.	Cu. NE	10	.....	N.-cf. ENE
Mean	.....	.....	.....	.....	.....	.....	28.1	36.4	42.7	26	133.2	9.7	.....	.....	9.8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,127.8	....	.....	.....	....	.....	.....

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

NOVEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	56.51	56.80	57.40	55.58	55.97	56.92	56.53	23.5	23.9	27.3	26.5	25.3	24.9	25.2	28	22.6	94	96	83	89	94	96	92	9.1
2..	56.13	57.09	58.58	56.83	56.55	57.89	57.18	24.6	24.4	25.4	24.5	24.1	24	24.5	26.4	22.8	95	94	93	93	95	92	93.7	33.6
3..	57.20	57.80	58.48	56.84	57.07	58.23	57.60	23.9	23.6	26.4	26.9	25.5	24.6	25.2	27.9	23	95	98	86	86	92	96	92.2	6.6
4..	57.54	58.19	59.07	57.35	58.13	59.19	58.24	24.6	24.1	29.5	31.3	25.9	25.2	26.8	32.1	23.4	97	97	81	71	89	95	88.3	19.6
5..	58.23	58.79	59.86	57.43	58.44	59.53	58.71	25	24	23.9	26	24	23.9	24.5	26.1	23.1	93	96	97	91	97	97	95.2	59.7
6..	58.25	58.81	60.12	58.20	58.53	59.41	58.89	23.5	23.6	25.1	26.5	25	24.2	24.6	26.7	22.7	96	97	92	88	92	97	93.7	1.8
7..	57.95	58.99	59.90	58.27	58.64	59.76	58.92	23.9	24.6	26.3	26	24.8	24.5	25	26.7	23	97	96	93	92	95	96	94.8	5.8
8..	58.29	58.83	59.47	57.36	57.46	58.24	58.28	24.2	24	28	29.4	26.7	25.1	26.2	30.2	23.4	97	97	82	75	87	96	89	2.8
9..	56.18	56.29	56.84	54.88	55.77	57.55	56.25	24.5	24.1	24.8	25	25.8	25.9	25	26	23.4	96	97	97	95	88	91	94	40.1
10..	56.48	57.19	58.23	56.40	57.19	58.30	57.30	25.1	24.1	27.7	28.9	26	24.5	26	31.4	23.5	95	97	86	82	88	96	90.7	1.3
11..	56.88	57.30	58.06	56.19	57.47	58.67	57.43	24	23.8	29.1	29	26	25	26.2	33.7	23.1	97	97	76	81	89	95	89.2	.3
12..	57.36	57.73	58.71	56.20	57.12	58.42	57.59	24.6	24.5	29.1	30.2	27.1	25.5	26.8	32.1	23.6	96	97	75	61	86	92	84.5	4.6
13..	57.63	58.03	58.81	56.80	56.92	57.82	57.67	25	24.6	29	27.1	26	25.5	26.2	30.5	23.6	94	96	75	88	92	93	89.7	18.1
14..	56.39	55.54	54.85	55.13	56.15	56.98	55.84	25	24.9	25.1	25.2	24.9	24.6	25	26.1	23.9	92	93	97	94	92	92	93.3	36.4
15..	56.19	56.45	57.63	55.40	56.05	57.17	56.48	24.6	24	26	28	25.5	25.4	25.6	28.9	23.5	95	97	92	82	92	92	91.7	3.1
16..	56.28	56.73	58.05	56.63	57.26	58.33	57.21	24.9	24.5	24.6	25.2	25	24.4	24.8	25.6	23.4	94	96	95	92	95	95	94.5	9.7
17..	57.20	57.50	58.38	56.32	57.07	58	57.41	23.5	23.8	26.1	29	25.8	24.8	25.5	29.5	22.9	97	97	91	83	92	95	92.5	.....
18..	57.08	57.79	58.31	55.90	57.18	58.29	57.42	24.5	24.1	30.8	31.5	26.7	25.6	27.2	32.1	23.4	96	99	76	66	90	95	87	.....
19..	57.24	57.69	58.42	56.51	57.33	58.40	57.60	24.4	25	30.4	27	25.5	24	26	32.6	23.5	96	96	76	81	92	96	89.5	.....
20..	57.63	58.64	59.20	56.77	57.89	59.25	58.23	24.1	24	30.5	31.9	27	26	27.2	32.4	22.9	96	97	73	64	88	92	85	.....
21..	58.14	58.95	59.31	57.45	58.23	59.92	58.67	25.4	25.3	30.6	28.6	26	25.1	26.8	33	23.9	94	95	72	75	90	92	86.3	14.2
22..	58.13	58.70	59.87	57.49	58.56	59.26	58.67	24	24	24.6	27.1	24.6	24.6	24.8	28.2	23.2	93	96	95	83	92	95	92.3	24.1
23..	57.75	58.10	59.05	56.49	57.23	58.23	57.81	23.7	24.6	26.4	25.5	25	24.6	25	26.9	23.1	96	93	89	92	93	96	93.2	9.4
24..	56.53	57.14	58.24	55.89	56.62	57.94	57.06	24.6	24.5	24.6	26.5	25.1	24	24.9	27	23.4	95	95	95	88	95	97	94.2	12.6
25..	56.89	57.50	58.94	56.84	57.80	59.15	57.85	24	24	25	27.2	25.5	24.6	25	27.3	23.4	97	97	96	90	93	96	94.8	4.3
26..	58.06	58.64	59.53	57	58.39	58.91	58.42	24.5	24.2	26.6	30.1	25.8	25.1	26	31	23.6	96	97	84	73	93	95	89.7	.5
27..	57.63	58.38	59.20	57.07	57.71	58.73	58.12	24.5	24.5	29.5	30	26.2	25	26.6	30.4	23.4	96	97	78	71	87	92	86.8	3.3
28..	58.47	59.36	60.31	58.34	58.99	60.28	59.29	23.9	23	29.5	31.5	26.8	25	26.6	32.3	22.4	91	97	75	68	87	92	85	1.5
29..	59.31	59.76	60.87	59.54	60.06	60.92	60.08	24.6	24.1	30.1	26.5	25.2	25.2	26	31.2	23.3	94	97	71	92	92	94	90	4.1
30..	59.75	59.84	60.95	58.75	58.99	60.05	59.72	24.9	24.5	26.1	29.5	24.6	24.5	25.7	30.6	23.5	93	96	88	78	92	95	90.3	.3
Mean	57.44	57.95	58.82	56.86	57.56	58.66	57.88	24.4	24.2	27.3	27.9	25.6	24.8	25.7	29.4	23.3	95.1	96.3	85.3	82.1	91.3	94.4	90.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	326.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	WNW	WNW	WNW	Calm	WNW	Calm	48.1	25.4	36.2	22	131.7	10	.....	N.-cf.	10	.....	N.
2..	NW	Calm	Calm	ENE	NW	WNW	21.9	27.6	49.9	25.7	125.1	10	.....	N.-cf. ENE	10	.....	N.
3..	WNW	Calm	SE	SSE	Calm	Calm	26	24.9	42.8	7.7	101.4	10	.....	N.	10	.....	N.-cf.
4..	Calm	Calm	Calm	SE	Calm	WNW	19	22.3	58.2	19.8	119.3	10	.....	N.-cf.	10	A.-Cu.	Cu.-N. E
5..	WNW	Calm	Calm	ESE	Calm	Calm	34.4	16.4	20.4	7.7	78.9	10	.....	N.	10	.....	N.-cf.
6..	Calm	Calm	Calm	Calm	Calm	Calm	4.2	15.8	9.9	11.8	41.7	10	.....	N.	10	.....	N.-cf. E
7..	Calm	Calm	Calm	Calm	Calm	Calm	10.2	30.6	10.2	19.6	70.6	10	.....	N.-cf.	10	.....	N.
8..	WNW	WNW	Calm	NNW	WNW	Calm	49.9	46.9	19.1	25.9	141.8	10	Ci.	Cu. NE	10	Ci.-S.	Cu. NNE
9..	WNW	Calm	Calm	SE	ESE	ESE	29.5	13.4	52.6	75	170.5	10	.....	N.-cf.	10	.....	N.-cf.
10..	SSE	Calm	SE	SE	Calm	Calm	19.5	29.6	25.2	12.3	86.6	10	Ci.-S.	N.-cf.	9	Ci.-S.	Cu.-N.
11..	Calm	Calm	NW	Calm	WNW	Calm	25.4	36	44.8	34.1	140.3	2	Ci.	Cu.	10	.....	Cu.-N.
12..	WNW	Calm	NW	NW	WNW	WNW	36.5	52.5	67.1	25.4	181.5	10	.....	N.-cf.	10	Ci.	Cu.-N.
13..	WNW	Calm	NW	N	WNW	WNW	26.6	45.7	52.9	48.5	173.7	10	Ci.-S.	Cu. NW	10	.....	Cu.-N.
14..	WNW	WNW	S	Calm	W	Calm	44.1	82.6	37.5	30.6	194.8	10	.....	N.	10	.....	N.-cf.
15..	WNW	Calm	WNW	Calm	WNW	WNW	30.6	41	32.2	44.5	148.3	10	.....	N.	10	A.-Cu.	Cu.-N.
16..	Calm	WNW	Calm	Calm	Calm	WNW	32.2	11.6	18.2	35.9	97.9	10	.....	N.	10	.....	N.-cf.
17..	Calm	WNW	Calm	Calm	Calm	Calm	29.3	28.2	12.1	7.8	77.4	10	Ci.-S.	N.-cf. NW	10	.....	N.-cf.
18..	Calm	Calm	ESE	ESE	Calm	Calm	14.8	31.2	42.8	15.1	103.9	8	Ci.-S. E	Cu.	8	A.-Cu. SW	Cu.
19..	Calm	Calm	SSE	SSE	Calm	Calm	4.6	27.2	51	7.2	90	10	Ci.-S.	Cu. SSE	10	.....	Cu.-N.
20..	Calm	Calm	SE	SE	Calm	Calm	9.5	33	37.8	6.1	86.4	9	Ci.	Cu. SE	5	Ci.	Cu.
21..	Calm	WNW	Calm	Calm	WNW	Calm	29.3	28.4	40	17.4	115.1	7	Ci.	Cu.	10	.....	Cu.-N.
22..	Calm	Calm	Calm	WNW	WNW	WNW	16.4	13.7	28.7	44.5	103.3	10	.....	N.-cf.	10	A.-Cu.	Cu. NW
23..	Calm	Calm	Calm	ESE	Calm	Calm	25.9	22.7	16.7	14.2	79.5	10	.....	N.-cf.	10	.....	N.-cf. E
24..	WNW	WNW	Calm	Calm	Calm	Calm	47.2	41.2	41.6	11.1	141.1	10	Ci.-S. NE	Cu.-N.	10	.....	N.
25..	Calm	Calm	Calm	Calm	Calm	Calm	10.8	10.5	27.1	14.7	63.1	10	.....	N.-cf. ESE	10	.....	N.-cf.
26..	Calm	Calm	Calm	Calm	SE	Calm	18.5	18.5	33	22.3	92.3	10	.....	N.-cf. ESE	10	A.-Cu.	Cu.
27..	Calm	Calm	Calm	SE	Calm	Calm	16.1	29.2	57.9	24.6	127.8	10	Ci.-S.	Cu. SE	10	Ci.-S. E	Cu.
28..	S	Calm	Calm	SE	Calm	Calm	25.4	21.1	50.4	8.2	105.1	10	Ci. E	Cu.	10	Ci. E	Cu.
29..	WNW	Calm	Calm	E	Calm	Calm	26.2	36.8	27.1	11.9	102	7	Ci.-S.	Cu.	10	.....	Cu.-N.
30..	WNW	Calm	Calm	Calm	Calm	Calm	23.1	19.3	20.3	17.7	80.4	10	.....	N.-cf. E	10	A.-Cu. E	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	25.2	29.4	35.5	22.3	112.4	9.4	.....	.....	9.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,371.5	....	.....	.....	....	.....	.....

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, −1.82 mm.]

DECEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.25	59.73	60.31	58.03	58.38	60.18	59.31	24	24	29.5	30.9	25.8	25	26.5	33.1	22.8	96	95	75	71	85	94	86	.....
2..	58.78	59.61	60.10	58.35	59.03	59.55	59.24	24.2	24.1	29.2	25.8	25.5	25	25.6	32.2	23.3	96	95	72	87	93	92	89.2	4.3
3..	58.78	59.34	60.55	58.74	59.41	60.26	59.51	24.8	24.5	29.1	31.8	26.5	25.5	27	32.5	23.6	94	97	78	69	85	88	85.2	.....
4..	59.38	59.76	60.29	58.47	59.14	60.81	59.64	23.2	23.8	30.6	25.6	25.6	24.6	25.6	32.7	22.6	95	95	68	87	92	95	88.7	15.3
5..	59.23	59.15	59.44	57.45	58.21	58.51	58.66	24.5	24	30.5	29.9	26.3	25.5	26.8	31.9	23.4	92	94	69	73	87	92	84.5	12.8
6..	57.10	57.43	57.62	55.43	56.12	56.79	56.75	24.6	25	28.6	28.9	26.6	25.4	26.5	31	23.6	94	92	78	79	86	93	87	3.6
7..	55.05	55.88	56.67	54.32	55.13	55.37	55.40	25.4	25.4	25.9	29.4	26.6	25	26.3	30.8	24.1	93	93	92	78	87	92	89.2	4.1
8..	54.35	55.18	56.44	54.35	55.06	56.55	55.32	24.9	24.7	24.9	27.1	25.6	25.3	25.4	28	23.9	93	94	93	88	87	92	91.2	11.2
9..	55.67	56.84	57.85	56.05	57.21	58.89	57.08	24.3	24.5	29.9	29.8	26.1	25.1	26.6	31.5	23.5	96	97	76	73	89	94	87.5	.....
10..	57.65	57.95	58.32	55.84	56.79	58.13	57.45	24.2	23	30	31	27.2	25.1	26.8	32.2	22.5	96	97	80	65	87	93	86.3	1
11..	56.55	57.08	58.02	56.37	56.85	57.92	57.13	24.9	24.3	28.1	25	25.3	24.5	25.4	30.4	23.4	95	95	80	88	93	95	91	3.4
12..	56.59	57	58.58	56.79	57.45	58.59	57.50	24.1	23.6	28.6	31.1	27.5	24.9	26.6	31.9	23	96	97	73	67	84	92	84.8	.....
13..	57.94	57.96	58.57	56.83	57.57	59.07	57.99	24	23.2	29.9	31.1	27.6	25.1	26.8	33	22.1	96	97	71	71	84	94	85.5	.3
14..	58.23	57.94	59.32	57.54	57.29	58.73	58.18	24.5	23.5	29.6	31.5	27	25.8	27	33.2	22.9	96	97	72	65	84	88	83.7	.....
15..	57.93	58.39	59.30	56.65	57.22	58.62	58.02	24.2	24	29	31	26	25.3	26.6	32.1	23.1	94	96	74	69	85	93	85.2	.....
16..	57.26	57.19	57.97	55.80	57.03	57.94	57.20	25	24.6	29	29.8	25.1	24.4	26.3	30.9	23	93	94	77	77	92	95	88	6.4
17..	56.76	57.34	58.27	56.05	57.47	58.39	57.38	23.6	24	28.3	31.5	26.6	25.6	26.6	32.2	22.8	95	95	80	60	87	92	84.8	1.1
18..	57.38	58.04	59.10	56.99	58.15	59.03	58.12	24.6	24	29	31.5	27.5	26.3	27.2	33	23.3	95	96	76	65	79	85	82.7	.3
19..	57.97	58.29	59.17	57.31	58.21	58.94	58.32	24.6	24.4	31	29.5	27	24	26.8	32.1	23.8	93	93	72	75	81	95	84.8	4.6
20..	57.71	58.19	58.71	57.10	57.96	58.87	58.09	24.3	24.4	30.4	27.6	26.5	24.6	26.3	33	23.5	95	93	68	80	85	95	86	12
21..	58.15	58.45	58.83	56.45	57.19	58.33	57.90	24.1	24	29.1	32.2	27.3	24.6	26.9	32.6	23	96	97	78	63	78	92	84	.....
22..	57.22	58.04	58.92	56.74	57.31	58.26	57.75	24.6	24.2	29	29.5	27	25.1	26.6	30.4	23.5	95	94	78	74	84	92	86.2	8.2
23..	56.99	56.99	58.22	56.98	57.17	58.50	57.48	24.1	23.9	28.5	26.5	24.2	24.7	25.3	29.3	23.1	95	96	78	85	94	92	90	5.1
24..	57.04	57.24	58.66	56.10	56.98	57.33	57.22	24.9	24.7	25.3	25.7	25	24.5	25	26	23.4	93	93	90	88	95	95	92.3	4.2
25..	56.64	56.45	57.38	55.02	55.51	56.56	56.26	24.1	24	28.1	29.9	25.5	24.9	26.1	31.9	23	96	96	77	73	92	92	87.7	.....
26..	55.63	55.39	56.92	54.54	55.49	56.62	55.76	24.5	24.1	28	30.7	25.6	25	26.3	32	23.4	96	96	80	70	93	92	87.8	2.7
27..	55.79	56.15	57.08	55.32	56.06	57.42	56.30	24.4	24	28	27.5	24.6	24.6	25.5	28.9	23	93	91	77	84	92	95	88.7	7.8
28..	56.21	56.29	57.60	55.37	56.09	57.79	56.56	23.8	23.5	26.5	25.4	24	23.8	24.5	27.8	22.5	97	95	87	93	97	95	94	64
29..	56.90	57.16	58.12	56.16	56.70	57.85	57.15	23.6	23.6	26.6	28	25.9	25	25.4	28.7	23	95	95	80	76	85	90	86.8	.....
30..	56.74	56.79	58.35	55.98	57.37	57.99	57.20	25	24	28.4	29	24.6	24.4	25.9	32	23.4	88	94	75	72	95	96	86.7	42.6
31..	56.95	57.59	58.60	57.15	57.38	59.08	57.79	23.6	24	25.6	26.6	25	24.6	24.9	27	23	97	97	88	81	88	95	91	1.3
Mean	57.22	57.58	58.49	56.46	57.19	58.29	57.54	24.3	24.1	28.5	29.1	26	24.9	26.2	31.1	23.2	94.6	95	77.8	75.7	87.9	92.7	87.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	216.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	WNW	WNW	Calm	SE	Calm	WNW	47.3	27.9	43.8	30.3	149.3	7	Ci.	Fr.-Cu.NW	10	Ci.	Cu.-N.
2..	Calm	WNW	WNW	Calm	Calm	Calm	34.1	43.5	30.4	21.9	129.9	10	Ci. S	Cu.	10	.....	Cu.-N.
3..	Calm	WNW	Calm	Calm	E	Calm	42.3	34.3	47.8	24.1	148.5	10	.....	N.-cf. NW	9	Ci.-Cu.	Fr.-Cu. E
4..	Calm	Calm	SE	Calm	Calm	Calm	16.7	19.1	27.1	27.7	90.6	8	A.-Cu.	Cu. E	9	A.-Cu.	Cu.-N.
5..	WNW	WNW	ESE	ENE	Calm	WNW	39.7	49.4	21.2	24.4	134.7	10	Ci.-Cu.	Cu. NE	10	Ci.-S.	Cu. NE
6..	WNW	WNW	Calm	WNW	Calm	WNW	43	36.2	23.5	28.5	131.2	10	Ci.-S.	Cu. NE	10	.....	N.-cf. NE
7..	WNW	NW	WNW	Calm	Calm	NW	39.7	49.1	30.1	36.4	155.3	10	.....	Cu.-N.	10	Ci.-Cu.	Cu. NNE
8..	NW	WNW	Calm	Calm	ESE	Calm	28.8	9.7	22.2	20.9	81.6	10	.....	N.	10	Ci.-S.	N.-cf.
9..	Calm	Calm	ESE	SE	Calm	Calm	7.5	46.2	35.7	8.5	97.9	10	A.-Cu. S	Cu.	10	Ci.-S. E	Cu.
10..	Calm	Calm	E	SE	Calm	Calm	8.2	29.6	54.1	21.7	113.6	10	Ci.-S.	Cu. ESE	9	A.-Cu. E	Cu.
11..	Calm	WNW	Calm	Calm	Calm	W	25.1	30.8	34.4	32.5	122.8	7	Ci.-S.	Cu.	10	.....	Cu.-N.
12..	WNW	Calm	SE	SE	Calm	Calm	21.2	27.2	40.7	13.5	102.6	10	.....	N.-cf.	10	Ci.	Cu.
13..	Calm	Calm	Calm	SE	SE	WNW	15.5	26.4	61.8	21.2	124.9	2	Ci.	Cu.	4	Ci.	Cu.
14..	Calm	Calm	Calm	ESE	Calm	Calm	33.2	18.7	45.7	15.1	112.7	10	Ci.-S. E	Cu.	7	Ci.	Cu.
15..	Calm	WNW	Calm	Calm	Calm	NW	32.7	34.9	38.6	25.7	131.9	10	Ci.-S. S	Cu.	10	Ci.-S.	N.-cf. NE
16..	NW	NW	NW	Calm	Calm	Calm	40.2	40.7	35.9	23	139.8	10	Ci.-S.	Cu. NE	9	A.-Cu.	Cu. ENE
17..	WNW	WNW	WNW	SE	Calm	WNW	31.2	42.6	34.6	26.9	135.3	10	Ci. SE	Cu.	10	A.-Cu. E	Cu.
18..	WNW	WNW	Calm	SE	Calm	WNW	35.4	34.9	44.3	19.5	134.1	10	Ci.-S.ESE	Cu.	10	Ci.-S. SE	Cu.
19..	WNW	WNW	Calm	E	E	Calm	33.8	36.2	33	18.8	121.8	10	A.-Cu. E	Cu.	10	.....	N.
20..	Calm	WNW	ESE	WNW	E	Calm	28.4	30.6	34.8	15.6	109.4	10	A.-Cu.	N.-cf. E	10	.....	N.-cf.
21..	Calm	WNW	Calm	ESE	E	Calm	27.6	40.8	45.7	15.1	129.2	7	Ci.	Cu.	10	Ci.-S. SE	Cu.
22..	WNW	WNW	NNW	NW	ENE	Calm	39.2	43.1	26	23	131.3	10	Ci.	Cu. ENE	10	Ci.-S	Cu. ENE
23..	W	W	W	Calm	Calm	WNW	38.6	40.7	17.1	32.5	128.9	10	Ci.-S.	Cu. E	10	.....	Cu.-N.
24..	WNW	W	Calm	Calm	Calm	W	32.2	17.5	13.4	18.2	81.3	10	.....	N.-cf. E	10	.....	N.
25..	Calm	Calm	Calm	E	NW	WNW	15.8	24.4	29.3	33.2	102.7	10	A.-Cu.SSE	Cu.	8	A.-Cu.	Cu. E
26..	Calm	Calm	WNW	E	Calm	WNW	21.5	33.8	35.4	39.6	130.3	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. ENE
27..	NW	WNW	WNW	NW	Calm	WNW	49.4	50.9	42.6	48.1	191	10	.....	N.-cf. ENE	10	.....	N.-cf. ENE
28..	Calm	Calm	NW	N	NE	WNW	24.6	37.6	45.6	48.6	156.4	10	.....	N.-cf. ENE	10	.....	N.
29..	WNW	WNW	NW	NW	NW	Calm	49.3	51.8	59.2	24.3	184.6	10	.....	Cu.-N.	10	Ci.-S.	Cu.
30..	WNW	WNW	WNW	WNW	ENE	Calm	33.6	40.8	42	15.9	132.3	10	.....	N.-cf.	10	A.-Cu.	Cu.-N.
31..	Calm	Calm	NW	NW	Calm	W	7	56.5	40.7	27.1	131.3	10	.....	N.-cf. W	10	.....	N.-cf.
Mean	.....	.....	.....	.....	.....	.....	30.4	35.7	36.7	25.2	128	9.4	.....	.....	9.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,967.2	.....	.....	.....	.....	.....	.....

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

JANUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.98	58.48	59.87	57.46	58.44	59.56	58.63	24.8	23.8	29	29.3	26.4	24.6	26.3	31.3	23.7	93	96	78	75	82	92	86	.....
2..	58.67	59.06	60.42	58.06	59	60.46	59.28	23.5	23	28.7	29.5	27.2	25.5	26.2	31.3	22.7	96	97	78	72	84	92	86.5	20.3
3..	58.85	59.36	60.97	58.52	59.45	61.05	59.70	25.4	24	28.2	29.3	27	26.5	26.7	30.9	23.8	92	96	82	76	81	80	84.5	4.3
4..	59.88	60.33	61.96	59.83	60.77	62.91	60.95	25.5	24.9	27.5	27.8	26.6	25.5	26.3	30.2	24.5	88	92	79	83	76	84	83.7	3.3
5..	62.30	62.68	64.27	62.03	62.88	64.34	63.08	24.8	24.5	25.5	26.6	25.7	24.6	25.3	28	23.2	83	83	80	68	72	79	77.5	1.8
6..	63.19	63.40	64.41	62.12	62.37	62.91	63.07	23.3	23.5	24	26.5	24.6	24.8	24.4	28.7	22.4	83	83	86	69	76	79	79.3	.6
7..	61.72	62.04	63.35	61.38	61.50	62.86	62.14	24.8	24.4	27.3	26.7	26.4	25.2	25.8	29	24	79	82	75	75	76	79	77.7	.5
8..	62.12	62.04	64.07	62.15	62.55	63.71	62.77	24.7	24.4	26.5	26.7	25.2	25.5	25.5	29.2	23.8	81	82	78	83	86	80	81.7	.6
9..	63.08	63.19	64.42	62.09	62.57	64.05	63.23	25.2	25.1	27.7	28	26	25.5	26.2	30.3	24.9	82	82	76	75	85	80	80	.3
10..	63.02	63.12	64.10	61.74	62.62	63.52	63.02	25.2	24.9	28.2	28.6	25.1	24.7	26.1	31.2	24.2	83	86	72	71	87	87	81	2.1
11..	62.37	62.57	63.81	61.42	61.39	62.97	62.42	25	24.7	24.5	24.5	24	23.5	24.4	26.7	23.3	85	87	89	93	93	91	89.7	12.9
12..	61.84	61.64	62.51	60.11	60.37	61.78	61.38	23.5	24	27	28.2	26.6	25.5	25.8	30.3	23.4	91	91	83	80	83	88	86	.....
13..	61.25	60.27	61.37	59.55	59.90	61.22	60.59	24.8	24.6	26.8	29	26.3	25.3	26.1	30.4	24.5	87	87	85	74	86	89	84.7	3.3
14..	60.05	60.12	61.27	59.06	59.73	61.13	60.23	24.8	24.4	27.1	28.4	26.6	25.1	26.1	30.3	24	92	92	81	75	79	84	83.8	.3
15..	60.32	60.06	61.47	58.93	59.13	60.20	60.02	23.8	24.9	27.5	28.1	26.5	25.3	26	30.4	22.5	89	87	77	73	80	86	82	8.6
16..	59.52	59.72	60.63	58.57	59.81	60.53	59.80	24	24.6	28.3	28.6	23.7	24.7	25.6	30.4	22.8	91	90	77	75	93	86	85.3	9.4
17..	59.49	59.52	60.51	58.81	58.74	60.06	59.52	25.2	24.6	27.5	25.4	25.6	25	25.6	28.9	24.2	85	88	78	92	92	95	88.3	4
18..	58.90	59.15	59.58	56.83	57.87	59.73	58.68	24.9	25.1	27.6	27.7	25.6	24.4	25.9	30.3	23.8	94	92	84	82	93	96	90.2	22.9
19..	58.47	58.38	59.77	57.28	58.01	58.83	58.46	24	25	25.2	24.5	24.6	24.4	24.6	27.3	23.4	97	88	90	94	91	93	92.2	30.5
20..	58.05	58.16	59.12	56.74	58	58.74	58.14	23.9	23.6	26.3	27.8	26	25.8	25.6	30	23.5	95	97	86	80	88	90	89.3	4.6
21..	58.19	58.03	59.40	57.07	58.36	59.17	58.37	24	23.2	27.4	29	26.5	26	26	30.5	23.1	90	98	82	76	86	89	86.8	.3
22..	58.35	58.56	59.41	57.25	58.08	59.08	58.46	25.5	24.9	28.4	28	26	25.7	26.4	30.5	24.7	89	89	78	77	87	88	84.7	.3
23..	58.32	58.55	59.30	57.49	58.10	59.04	58.47	25.4	24.3	26	26	25.6	25.6	25.5	28	24	88	94	93	89	90	90	90.7	6.6
24..	58.52	58.71	59.83	57.98	58.52	59.50	58.84	24.9	24.2	28	28.5	26.3	25.6	26.2	30.4	23.6	93	93	77	79	83	87	85.3	.5
25..	58.74	58.99	59.80	58.79	59.20	60.62	59.36	25	24.1	26	27.6	25.9	25.5	25.7	29.9	23.9	89	92	85	73	85	88	85.3	.3
26..	59.57	59.70	60.26	58.49	59.22	59.97	59.54	24.9	24.4	26	27.1	26.4	25.1	25.6	29.8	24.1	91	84	80	81	87	87	85.7	.....
27..	59.07	59.58	60.60	58.10	59.03	59.75	59.36	25	24.4	27.5	28.5	26.6	25.1	26.2	30.2	23.8	88	92	77	74	83	89	83.8	5.9
28..	58.78	58.88	60.08	57.71	58.87	60.22	59.09	23.4	24	27	29.1	25.5	24.2	25.5	30.6	23.1	97	96	80	71	88	93	87.5	.3
29..	59.28	59.14	60.25	58.46	59.43	61.06	59.60	24.5	25.1	27.9	28.6	26.5	25.5	26.4	30.9	24	92	91	78	76	83	88	84.7	.....
30..	59.83	59.89	60.77	58.58	59.07	60.18	59.72	24.5	24.1	27.8	28	25.7	25	25.8	30.2	23.5	89	90	75	74	82	88	83	.....
31..	59.18	59.30	60.07	57.88	58.28	59.52	59.04	24.4	24.5	27.7	28.5	26	25	26	30.3	24.2	90	88	75	70	81	88	82	.....
Mean	59.96	60.08	61.21	59.05	59.72	60.92	60.16	24.6	24.4	27.1	27.7	25.9	25.2	25.8	29.9	23.7	89.1	90.1	80.6	77.5	84.3	87.3	84.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	144.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	E	E	Calm	Calm	0.8	29.3	53.1	2.1	85.3	7	Ci.	Fr.-Cu. E	6	Ci.-S.	Cu.
2..	Calm	Calm	NNE	NNE	Calm	Calm	1.6	22	34	1.4	59	8	Ci.-S.	Fr.-N. NE	2	Ci.	Fr.-Cu.
3..	Calm	S	NNE	N	NE	NE	14.5	33.8	61.2	52.8	162.3	9	.....	N. NE	7	Ci.	Fr.-N. NNE
4..	ENE	ENE	E	ENE	E	ENE	36.4	75	104.6	87.1	303.1	10	.....	Fr.-N. NE	10	.....	N. ENE
5..	ENE	ENE	NE	ENE	ENE	ENE	88.2	106.4	119.1	106.2	419.9	7	Ci.-S.	N. ENE	8	Ci.-S.	Fr.-N. NE
6..	ENE	E	NE	ENE	ENE	NE	64.1	69	95.5	59.5	288.1	10	Ci.-S.	N.	7	Ci.-S.	N. NE
7..	NE	NE	NE	NE	ENE	NE	51.7	60.7	56.8	66.2	235.4	9	Ci.-S.	Fr.-N. NE	9	Ci.-S.	Fr.-N. NE
8..	NE	ENE	NE	NE	NE	NE	36.8	50.1	52.6	67.8	207.3	6	Ci.-S.	N. NE	7	Ci.-S.	Fr.-Cu. NE
9..	NE	NE	NE	NE	NE	NE	59.7	59.5	66.8	54.4	240.4	9	Ci.-S.	N. NE	8	Ci.-S.	Fr.-N. NE
10..	NE	NE	NE	NE	NE	ENE	52.5	67.4	85.8	70.8	276.5	8	Ci.-S.	Fr.-N. NE	8	Ci.-S.	Fr.-N. NE
11..	NE	NE	NE	NE	NE	NE	83.2	104.4	93.6	85.9	367.1	10	.....	N. NE	10	Ci.-S.	N. NE
12..	NE	NE	NE	NE	NE	NE	62.8	81.9	70.6	54.2	269.5	9	Ci.-S.	N. NE	8	Ci.-S.	Fr.-N. NE
13..	NE	NE	NE	NE	NE	NE	39.9	63.1	69.5	44.9	217.4	7	Ci.-S.	N. NE	5	Ci.	Fr.-Cu. NE
14..	NE	NE	NE	NE	Calm	NE	59.3	59.7	53.4	10	182.4	9	Ci.-S.	N. NE	7	Ci.-S.	Fr.-Cu. NE
15..	Calm	NE	NE	NE	N	NE	23.1	40.5	69.2	52.1	184.9	9	Ci.-S.	N. NE	8	Ci.-S.	N. NE
16..	NE	NE	NE	NE	NE	Calm	38.3	67.3	63.9	25.7	195.2	9	Ci.-S.	Fr.-N. NE	9	Ci.-S.	Fr.-N. NE
17..	NE	NE	NE	NNW	NE	Calm	58.2	59.7	50.2	19	187.1	9	Ci.-S.	N. NE	10	.....	N. N
18..	NNE	NNE	NNE	NNE	NNE	ENE	46.7	70.2	55.7	20.9	193.5	9	Ci.-S.	Fr.-N. NE	7	Ci.-S.	Fr.-N. NE
19..	NE	NE	NE	NNW	NE	ENE	37.5	57.4	56.3	41.6	192.8	10	Ci.-S.	N. NE	10	Ci.-S.	N. NNW
20..	Calm	Calm	NE	NNW	N	NNE	4	14.8	42	20.4	81.2	10	.....	N.	7	Ci.	Fr.-N. N
21..	NNE	Calm	NNE	NE	Calm	N	11.3	22.7	32	18.8	84.8	8	Ci.-S.	N. NE	7	Ci.-S.	Fr.-Cu. NE
22..	N	NNE	NNE	NNW	NNW	N	66.5	62.2	73.2	62	263.9	9	Ci.-S.	Fr.-N. NE	8	Ci.-S.	Fr.-N. N
23..	N	Calm	NE	NE	Calm	N	24.4	19.6	26.8	31.2	102	9	Ci.-S.	Fr.-N. NE	10	Ci.-S.	N. NE
24..	NNE	NE	NE	NE	NE	NE	13.5	52.6	68.9	55.2	190.2	9	Ci.-S.	Fr.-N. NE	8	Ci.-S.	Fr.-N. NE
25..	NE	NE	E	NE	NE	NNE	49.9	81.6	57.9	35.9	225.3	10	.....	N. NE	8	A.-Cu.	Fr.-N. NE
26..	NE	NE	NE	NE	NE	ENE	27.7	64.4	61.2	39.2	192.5	10	Ci.-S.	Fr.-N. NE	8	Ci.-S.	Fr.-N. NE
27..	NE	ENE	ENE	NE	Calm	NE	46.1	75.6	49.3	40.5	211.5	10	Ci.-S.	Fr.-N. NE	7	Ci.	Fr.-Cu. NE
28..	Calm	ENE	ENE	NE	NE	Calm	15	59.3	69.8	29.6	173.7	10	Ci.-S.	Fr.-N. NE	3	.....	Cu.
29..	NE	NE	NE	NE	NE	NE	26.8	63.3	62.2	49.7	202	9	.....	Fr.-N. NE	8	Ci.-S.	Fr.-N. NE
30..	NE	NE	NE	N	NE	NNE	32.8	54.2	64.7	54.5	206.2	8	Ci.-S.	Fr.-N. NE	8	Ci.	Fr.-Cu. NE
31..	NE	NE	NE	NE	NE	Calm	31.6	40.2	44.8	14	130.6	10	.....	N. NE	7	Ci.	Fr.-Cu. NE
Mean	.....	.....	.....	.....	.....	.....	38.9	57.7	63.4	44.3	204.2	8.9	.....	.....	7.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,331.1	.....	.....	.....	.....	.....	.....

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

FEBRUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.62	58.89	59.62	57.96	58.27	59.57	58.82	25	24.6	27.4	27.5	25.5	24.7	25.8	29.9	24.1	88	87	75	77	84	87	83	.....
2..	58.61	58.81	59.91	57.53	58.44	60.28	58.93	24.6	24.5	26.5	28.4	25.6	24.3	25.6	30.1	23	87	87	80	75	88	93	85	11.9
3..	59.13	59.30	60.77	58.61	59.67	61.27	59.79	24.3	24.2	26.5	28	25.1	24.6	25.4	29.4	23.2	91	90	85	75	90	87	86.3	12.7
4..	60.06	60.19	61.73	59.85	60.50	61.82	60.69	24.9	24	27	27	26	24.5	25.6	29.2	23.6	87	91	80	77	89	84	84.7	7.4
5..	60.56	60.84	62.23	60.26	60.71	62.27	61.14	24.7	24	28	28.5	25.9	25.6	26.1	30.2	23.8	88	93	70	69	84	85	81.5	2.8
6..	61	61.27	62.71	61	61.27	62.55	61.63	24.7	24.5	27.5	29.2	26.5	26	26.4	30.8	24	87	88	81	74	80	76	81	2
7..	61.07	61.49	62.76	60.61	60.91	62.31	61.52	24.9	25	25.8	25	25.6	25.1	25.2	29.3	24.6	84	83	89	89	87	88	86.7	5.4
8..	60.99	61.24	62.23	60.15	60.36	62.07	61.17	24.5	23.6	27.1	29	26.4	24.3	25.8	30.4	23.3	92	95	80	65	81	92	84.2	.6
9..	60.56	60.76	61.93	59.64	60.28	61.32	60.75	23.6	23.1	27.5	29.1	26.5	25.2	25.8	30.9	22.7	95	96	78	71	83	84	84.5	.....
10..	60.50	60.76	61.93	60.13	60.67	61.96	60.99	24.6	24.6	26.6	26.3	25.4	25	25.4	28.7	24	88	86	76	79	79	81	81.5	.3
11..	60.69	60.74	61.67	59.56	60.18	61.57	60.74	24.5	24.1	27	27.5	25.1	24.5	25.4	29.9	23.4	84	87	78	77	84	92	83.7	14
12..	60.72	60.88	62.27	60.17	60.43	61.78	61.04	23.5	23	26.5	27.7	25.6	25.1	25.2	29.4	22.7	94	97	84	82	87	92	89.3	16
13..	60.49	60.72	62.13	59.90	59.81	61.97	60.84	24.3	24.7	26.5	26.5	25.5	24.8	25.4	28.9	23.7	91	89	86	84	88	89	87.8	6.4
14..	60.64	60.79	61.67	59.92	60.47	61.91	60.90	24.2	24	24.4	24.8	24.2	24	24.3	26.4	23.4	91	91	92	90	92	93	91.5	9.6
15	60.86	61.02	62.27	59.77	59.95	61.70	60.93	23.9	24	27.5	28.4	25.4	25	25.7	30.2	23.8	92	91	78	75	92	92	86.7	2.3
16..	60.29	60.44	60.96	59.20	59.48	60.61	60.16	24.7	24.2	28.1	29.6	26.1	24.2	26.2	31	23.9	92	93	78	71	85	91	85	.....
17..	59.41	59.88	60.93	58.12	58.21	59.75	59.38	24	22.8	27.8	28.6	26.4	25.9	25.9	30.8	22.7	91	97	77	73	79	88	84.2	3.8
18..	58.34	58.39	59.17	56.66	57.26	58.41	58.04	23.8	23.8	28.5	28.9	26.4	26.1	26.2	30.9	23.6	96	96	78	68	84	89	85.2	28.7
19..	57.59	57.66	58.98	56.66	58.06	58.98	57.99	22.6	23.1	25.8	26.2	23	23.2	24	30.3	22.2	97	96	91	85	96	97	93.7	6.6
20..	58.55	58.81	60.07	58.74	59.44	60.87	59.41	22.8	22	28.3	27.4	25.2	24.4	25	30.3	21.3	97	96	78	81	86	88	87.7	6.6
21..	60.69	60.94	61.90	60.33	60.32	61.92	61.02	24.7	22.5	26.5	25.8	24.6	24.2	24.7	27.9	22.5	87	96	74	85	87	86	85.8	9.2
22..	60.57	60.67	61.72	60.29	60.26	61.82	60.89	23.4	24.5	25.1	25.4	24.8	24.5	24.6	28.3	23.3	94	83	87	88	85	85	87	3.4
23..	60.13	60.04	60.81	58.98	59.13	60.75	59.97	24.2	24.5	26.4	26.8	25.5	25.5	25.5	28.4	24	91	92	79	78	80	83	83.8	1.6
24..	58.57	58.74	59.82	58.05	58.23	59.32	58.79	25	24.5	27.2	28.4	25.4	25.3	26	30.8	24.3	86	92	82	83	92	89	87.3	1.1
25..	58.42	58.48	59.81	57.87	58.18	59.47	58.70	25.1	24.3	27.6	28.6	26.9	26	26.4	30.7	24.1	89	93	78	70	81	86	82.8	.....
26..	58.57	58.69	59.17	57.35	57.54	58.68	58.33	24.9	24.1	27.7	29	27	25.7	26.4	30.9	23.9	91	94	74	65	80	88	82	.5
27..	57.79	58.15	59.01	57.02	57.11	58.54	57.94	25.2	23.5	28	29.4	26.9	26	26.5	31.2	23.2	90	93	77	74	86	89	84.8	.....
28..	57.25	57.70	58.85	57.01	57.23	58.32	57.73	25	23.5	29	29.1	27.6	26.5	26.8	31.7	23.2	90	92	71	74	79	84	81.7	.....
Mean	59.67	59.87	60.97	58.98	59.37	60.78	59.94	24.3	23.9	27.1	27.7	25.7	25	25.6	29.9	23.4	90.4	91.6	79.9	76.9	85.3	87.8	85.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	152.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	NE	N	NE	NE	NE	24.6	74.6	80.8	63.4	243.4	8	Ci.-S.	Fr.-N. NE	9	Ci.-S.	Fr.-N. NE
2..	NE	NE	NNE	NNE	NNE	NNE	70.8	82.4	59.7	36.4	249.3	10	.....	N. NE	9	Ci.-S.	Fr.-N. NE
3..	NE	NE	ENE	NE	NE	ENE	52	67.8	70.6	73.2	263.6	10	.....	Fr.-N. NE	7	Ci.-S.	Fr.-N. NE
4..	E	E	E	ENE	E	ENE	44.9	55	57.3	33.8	191	10	.....	N. E	10	Ci.-S.	Fr.-N. E
5..	E	SSE	NE	NE	NNE	NE	33.8	53.6	63.1	26.2	176.7	10	.....	Fr.-N. E	7	Ci.	Cu. NE
6..	NE	NE	E	E	Calm	NE	38.8	67.1	59.3	61.5	226.7	8	.....	Fr.-N.ENE	6	Ci.	Fr.-Cu. E
7..	E	E	ENE	E	E	E	58.2	72.2	67	25.7	223.1	10	Ci.-S.	N. E	9	Ci.-S.	N. E
8..	Calm	Calm	NE	NE	Calm	Calm	10.7	36.7	53.1	1.1	101.6	9	Ci.	Fr.-N. E	5	Ci.	Cu. NE
9..	Calm	Calm	ENE	N	Calm	NNE	1.4	30.4	39.7	18.7	90.2	8	Ci.-S.	Fr.-N. NE	4	Ci.	Cu.
10..	NE	NE	NE	NE	NE	NE	32.5	67.6	85.3	55.5	240.9	10	Ci.-S.	N. NE	10	Ci.-S.	Fr.-N. NE
11..	NE	NE	NE	NE	NE	Calm	42	63.4	85.9	36	227.3	8	Ci.-S.	Fr.-N. NE	4	Ci.	Cu. NE
12..	Calm	Calm	NNW	NNE	NE	NE	3.4	37.2	61.2	44.5	146.3	8	Ci.-S.	N.	9	A.-Cu.	Fr.-N. NE
13..	NE	NE	NE	NE	NNE	NNE	31.2	66	74	73.2	244.4	10	.....	N. NE	10	Ci.-S.	N. NE
14..	NE	NE	NNE	NE	NNE	NNE	82.9	98.8	96.6	86.9	365.2	10	.....	N. NE	10	.....	N. NE
15..	NNE	NE	NNE	NNE	NE	NE	55.8	58.7	56.9	44.1	215.5	9	.....	N. NE	7	Ci.-S.	Cu. NE
16..	NE	NE	ENE	NE	ENE	Calm	36.8	52.6	62.8	26	178.2	7	Ci.-S.	Fr.-N. NE	3	Ci.	Cu. NE
17..	Calm	Calm	NE	NE	Calm	NNE	5.8	36.5	47.8	18.3	108.4	7	Ci.	Fr.-N. NE	8	Ci.-S.	Cu.
18..	Calm	Calm	NE	ENE	Calm	NE	11.1	36.2	55.3	16.9	119.5	8	.....	N. E	7	Ci.-Cu.	Fr.-N.ENE
19..	Calm	Calm	NE	NE	Calm	Calm	8.9	23.5	32.4	6.1	70.9	10	Ci.-S.	N. E	10	Ci.-S.	N.
20..	Calm	Calm	NNW	N	NNE	NNE	3.8	26	108.6	74	212.4	6	Ci.	N. NE	9	Ci.-S.	Fr.-N. N
21..	NE	NE	NE	NE	NE	NNE	73	71.3	78.4	74.6	297.3	10	.....	N. NE	10	Ci.-S.	Fr.-N. NE
22..	NE	NE	NE	NE	NE	NE	61.5	71.3	72.9	51	256.7	10	.....	N. NE	10	A.-S.	Fr.-N. NE
23..	NE	NE	NE	NE	NE	NE	65.8	75	70.3	39.2	250.3	10	.....	N. NE	10	A.-S.	N. NE
24..	NE	NE	NE	NE	NE	NE	45.4	61	65	48.9	220.3	10	.....	N. NE	8	Ci.-S.	Fr.-N. NE
25..	NE	E	NE	NE	NE	ENE	36.2	55.3	48.3	37.8	177.6	9	Ci.-S.	Fr.-N. NE	3	.....	Cu. NE
26..	NE	Calm	NE	NE	Calm	NE	28.7	59	52.6	33.6	173.9	6	Ci.	Fr.-N. E	7	Ci.-S.	Cu. NE
27..	NE	Calm	ENE	NNE	NE	NE	24.7	52	46.4	48.8	171.9	4	Ci.	Fr.-N. NE	8	Ci.	Fr.-N.ENE
28..	NE	Calm	E	NE	NE	NE	21.7	46.4	55.7	38.6	162.4	8	Ci.-S.	Fr.-N. E	6	Ci.	Fr.-Cu. E
Mean	.....	.....	.....	.....	.....	.....	35.9	57.1	61.5	42.6	200.2	8.7	.....	.....	7.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,605	....	.....	.....	....	.....	.....

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

MARCH, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	57.82	58.10	59.92	57.25	57.13	58.55	58.13	25.8	24.9	28.3	30	27.1	25.2	26.9	31.4	24.2	87	90	75	68	81	94	82.5	3.6
2..	58.22	58.33	59.15	57.25	56.85	58.33	58.02	25.6	25.5	28.4	30.4	27.1	26.8	27.3	31.3	25	89	88	75	65	80	80	79.5	.....
3..	57.91	58.10	59.45	57.45	57.63	58.48	58.17	25.4	24.6	28.6	28.3	26.8	25	26.4	30.2	24.4	88	91	78	76	86	92	85.2	1
4..	57.23	56.85	58.57	56.55	56.86	58.74	57.47	24.1	24.8	28.4	30.3	27.2	25.5	26.7	31.7	23.8	95	92	77	68	87	92	85.2	4.6
5..	57.87	58.12	58.82	56.91	57.74	59.22	58.11	25	24.7	26.5	28.7	26.5	25.7	26.2	30.5	23.6	94	94	88	74	84	89	87.2	5.1
6..	58.40	58.86	59.60	57.72	57.87	58.92	58.56	25.1	24.5	28.8	30.1	27.5	25.8	27	31.8	24.2	91	92	76	67	84	83	82.2	1.8
7..	58.23	58.64	59.86	58.10	57.64	59.07	58.59	26.1	25	26.7	29	26.5	26	26.6	30.4	24.6	83	92	85	74	84	82	83.3	.3
8..	57.79	58.04	58.89	56.66	56.67	58.07	57.69	25.6	24.4	27.8	30.5	27.4	26.3	27	31.9	23.7	83	90	77	64	81	86	80.2	.....
9..	57.79	58	59.17	57.41	57.54	59.18	58.18	25.6	24.6	29	30	26.6	25.9	27	31	24.2	88	92	71	69	83	84	81.2	.....
10..	58.70	58.94	59.82	57.94	57.22	59.02	58.61	25.8	24	29.4	30.1	27.3	26.3	27.2	31.5	23.8	84	93	71	71	84	83	81	.....
11..	58.22	58.29	59.62	57.62	57.57	58.64	58.33	25.5	25	29	30.4	27.3	26.3	27.2	32	24.8	88	88	71	59	81	84	78.5	.....
12..	57.73	57.94	59.16	57.32	57.48	58.21	57.97	25.4	24.8	27.8	28.8	26.6	26.3	26.6	30.5	24.8	88	90	79	72	80	85	82.3	.....
13..	57.85	58.23	59.10	57.45	58.06	59.70	58.40	24.7	24.1	29	29.8	26.8	26	26.7	31.6	23.5	94	95	74	73	86	89	85.2	.....
14..	58.22	58.80	60.12	59.01	59.18	60.35	59.28	25.7	25.7	27.7	29.6	26.5	26	26.9	30.9	24.8	86	86	79	68	84	87	81.7	8.9
15..	59.73	60.33	61.90	59.84	60.21	61.15	60.53	25	24	29	29.8	27.3	25.8	26.8	31.6	23.9	92	96	76	71	82	82	83.2	.....
16..	60.11	60.59	61.11	58.93	59.35	60.20	60.05	25.3	25.2	28.4	29.8	26.9	26	26.9	31.5	24.1	86	86	75	73	83	84	81.2	.3
17..	59.51	59.82	60.87	58.45	58.87	60.40	59.65	25.8	25	29	30.7	27.5	26.6	27.4	32.3	25	85	92	74	63	77	83	79	.....
18..	59.67	59.97	61.02	58.90	59.10	60.30	59.83	25.5	25.2	28.6	30.2	27.5	25.7	27.1	32.2	24.9	88	87	73	66	84	91	81.5	.....
19..	59.21	59.51	60.40	58.30	58.52	59.93	59.31	25.4	25	29.1	31	27.7	25.9	27.4	32.6	24.7	89	89	74	61	77	90	80	.....
20..	58.88	59.63	60.75	58.82	58.95	60.46	59.58	25.2	24.8	29.7	31	27.7	26.5	27.5	32.7	24.6	94	97	71	63	83	80	81.3	.....
21..	59.85	60.15	61.42	59.76	60.20	61.55	60.49	25.2	25.3	29.3	29.8	27	26	27.1	32.2	24.9	90	91	72	71	80	85	81.5	.....
22..	60.72	61.06	62.15	60.06	60.20	61.30	60.92	25.1	25.2	29.8	30	27.2	26.2	27.2	32.2	24.5	89	88	66	70	79	85	79.5	.3
23..	60.01	60.14	61.21	59.30	59.10	60	59.96	25.2	24.6	29.5	30.8	27.7	26.6	27.4	32	24.5	90	92	72	64	79	80	79.5	.....
24..	59.46	59.64	60.67	58.81	59	60.35	59.66	25.4	25	29.5	30.9	27	26.7	27.4	32.1	24.9	88	88	70	64	81	80	78.5	.....
25..	59.76	60.14	61.27	59.45	59.47	60.45	60.09	26	25	29	29.8	26.2	25.2	26.9	32	24.6	82	83	71	73	81	84	79	.....
26..	59.70	59.67	60.61	58.26	58.78	60.65	59.61	25.1	25	29.4	30.6	27.2	26.1	27.2	31.8	24.7	89	96	66	66	81	85	80.5	.....
27..	59.87	60.24	61.10	59.41	59.64	61.17	60.24	25.5	24.7	29.5	30.8	27.5	25.5	27.2	32.5	24.5	88	91	71	63	81	92	81	.....
28..	60.21	60.62	62.12	60.35	60.82	62.13	61.04	25.5	25.4	29.4	31.4	27.5	26.5	27.6	32.5	24.9	91	91	72	60	79	81	79	.....
29..	60.85	61.13	62.31	60.07	60.25	61.61	61.04	26	25.2	29.5	30.3	27.6	26.7	27.6	32.5	25.1	85	90	73	68	80	85	80.2	.3
30..	60.20	60.55	61.42	58.81	58.88	60.35	60.04	25.6	24.5	29	30.2	27.5	26	27.1	32.1	24.3	88	95	75	66	77	89	81.7	.8
31..	59.80	60.07	61.19	58.74	58.87	60.58	59.88	26	23.8	30.6	31.1	28	27.2	27.8	33	23.8	89	95	68	65	79	83	79.8	.....
Mean	59.02	59.31	60.41	58.42	58.57	59.91	59.27	25.4	24.8	28.8	30.1	27.2	26.1	27.1	31.8	24.4	88.4	91	74	67.6	81.5	85.5	81.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	NE	NE	NE	N	N	49.3	60.6	55.5	46.2	211.6	6	Ci.	Fr.-N. ENE	6	Ci.	Fr.-Cu. ENE
2..	NE	NE	NE	NE	NE	NE	68.2	64.7	52.9	39.6	225.4	9	Ci.-S.	N. ENE	6	Ci.	Fr.-Cu. NE
3..	E	E	NE	NE	NE	Calm	28.4	52	34.3	13.4	128.1	8	Ci.-S.	N. E	9	Ci.-S.	Fr.-N. NE
4..	Calm	ENE	ENE	ENE	NE	E	4.2	68.2	62.8	33.6	168.8	10	.....	N. NE	4	Ci.	Cu. ENE
5..	E	SE	NE	E	E	E	30.9	48.8	62.2	18.2	160.1	10	.....	N. E	8	A.-Cu.	Cu. E
6..	NE	Calm	ENE	ENE	Calm	ENE	25.7	59	53.3	20.7	158.7	9	A.-Cu.	N. NE	3	Ci.	Cu. ENE
7..	NE	NE	NE	NE	NE	ENE	51.5	70	62.3	46.1	229.9	9	Ci.-S.	N. ENE	8	Ci.-S.	Fr.-Cu. NE
8..	ENE	ENE	ENE	E	Calm	NE	37.3	58.4	52.9	28.7	177.3	8	Ci.-S.	Fr.-N. ENE	1	.....	Cu.
9..	NE	NE	NE	NNE	NNE	NE	33	51.8	78.7	47.3	210.8	7	Ci.-S.	Fr.-N. NE	6	Ci.	Fr.-Cu. NE
10..	NE	Calm	E	NE	Calm	NE	39.1	52.3	47.8	37	176.2	8	Ci.	N.	7	Ci.	Fr.-Cu. NE
11..	NE	ENE	NE	NE	NE	NE	42.6	71.9	54.2	44.5	213.2	6	.....	N. ENE	4	A.-Cu.	Cu. NE
12..	NE	NE	NE	NE	Calm	ENE	34.3	67.9	55	39.1	196.3	9	Ci.-S.	Fr.-N. ENE	8	Ci.-S.	Cu. NE
13..	NE	Calm	NNE	NNE	Calm	NNE	15.9	46.9	53.7	18.7	135.2	10	.....	Fr.-N. E	8	Ci.-S.	Fr.-Cu. NE
14..	NE	ENE	NE	NNE	NNE	NE	51.3	60.9	45.4	25.1	182.9	10	Ci.-S.	N. NE	8	Ci.-S.	Fr.-Cu. NE
15..	N	Calm	NE	NE	Calm	NE	27.1	44.1	36.5	31.4	139.1	10	.....	Fr.-N. NE	8	Ci.-S.	Fr.-N. NE
16..	NE	NE	NNE	NNE	NE	NE	39.1	71.9	68.4	49.1	228.5	8	.....	Fr.-N. NE	7	Ci.	Fr.-Cu. NE
17..	NE	ENE	NE	NE	NE	NE	46.5	59.7	59.8	41.8	207.8	8	A.-Cu.	Fr.-N. NE	2	Ci.	Cu.
18..	NNE	ENE	NE	NE	NE	NE	35.1	71.6	54.7	19.3	180.7	7	Ci.	Fr.-N. NE	3	Ci.	Fr.-Cu. NE
19..	NE	NE	NE	ENE	NE	Calm	36.4	59	67.9	15.5	178.8	6	Ci.	Fr.-N. NE	2	.....	Cu.
20..	Calm	Calm	NE	NE	NE	ENE	6.2	53.9	62.8	38.6	161.5	8	Ci.-S.	N. E	2	.....	Cu. NE
21..	Calm	ENE	NE	NNE	ENE	ENE	8.7	54.1	74	29.8	166.6	8	A.-Cu.	Fr.-N. NE	4	Ci.-S.	Cu. NE
22..	Calm	NE	NNE	NNE	NE	NNE	9.7	47.8	48.6	29	135.1	10	.....	N. NE	2	.....	Cu. NE
23..	NE	Calm	NE	NE	NE	NE	25.7	51.8	52	32.2	161.7	7	.....	Fr.-N. NE	3	Ci.	Fr.-Cu. NE
24..	NE	NE	ENE	NE	N	NE	44	66.8	60	37	207.8	8	Ci.	Fr.-N. NE	6	Ci.	Cu.
25..	NE	ENE	E	N	NE	NE	55.5	60.4	80.5	33.8	230.2	7	Ci.	Fr.-Cu. ENE	8	Ci.-S.	N. NE
26..	NNE	E	ENE	NE	NE	NE	43.5	62.8	67.6	48.3	222.2	8	Ci.	Fr.-N. E	2	Ci.	Cu. NE
27..	NE	Calm	NE	NE	NE	Calm	35.9	55.8	57.7	3	152.4	5	Ci.	Fr.-N. E	2	Ci.	Cu.
28..	NE	NE	NE	ENE	N	NE	17.7	64.7	50.7	27.6	160.7	9	.....	Fr.-N. NE	2	.....	Cu. NE
29..	NE	Calm	N	NE	N	NE	29.6	52.3	62.6	41.3	185.8	8	A.-Cu.	Fr.-N. E	3	Ci.	Fr.-Cu. NE
30..	NNE	Calm	NE	N	NE	Calm	10.5	32.8	53.1	10.8	107.2	9	.....	Fr.-N. E	4	Ci.	Cu.
31..	Calm	Calm	NE	NE	NE	NE	7.2	32.2	53.7	33.2	126.3	7	Ci.	Fr.-N. E	2	.....	Fr.-Cu.
Mean	.....	.....	.....	.....	.....	.....	31.9	57.3	57.5	31.6	178.3	8.1	.....	.....	4.8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,526.9	.....	.....	.....	.....	.....	.....

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

APRIL, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	59.95	60.17	60.92	58.47	58.85	60.28	59.77	26.5	24.8	30	30.2	28.5	26.5	27.8	33.3	24.7	86	94	73	70	78	89	81.7	3.3
2..	58.96	59.02	59.92	57.62	58.52	59.85	58.98	26.3	25.5	29.7	30.5	28.4	26.7	27.8	32.8	25.5	90	96	75	68	80	85	82.3	.8
3..	58.77	59.20	59.92	57.80	57.99	59.75	58.90	26.2	25.5	30.1	31	28	26.4	27.9	32.9	25	89	93	71	65	75	90	80.5	1.5
4..	58.92	59.36	60.14	58.50	58.20	60.10	59.20	24.5	23.2	29.3	29.3	27	25.2	26.4	32.2	22.9	89	94	66	67	77	90	80.5	.....
5..	59.28	59.40	60.27	58	58.38	59.92	59.21	25.3	25.7	29	29	27.5	26.8	27.2	32.3	24.2	90	90	76	76	87	91	85	3.6
6..	58.34	58.37	59.45	57.85	58.17	59.45	58.60	26.1	26.5	30	31	27.7	26.5	28	32.9	26	91	88	71	64	86	86	81	1.1
7..	58.24	58.64	59.64	56.97	57.45	59.16	58.35	25.6	24.4	30	31	28	26.9	27.6	33	24.2	93	97	75	68	77	86	82.7	2.3
8..	57.89	57.82	58.95	56.83	57.35	59.01	57.98	25.3	24.6	25.5	28.5	27.1	25.5	26.1	29.8	24.4	96	98	96	85	89	96	93.3	45.3
9..	58.14	58.24	59.12	57.62	58.05	59.28	58.41	26	25.5	29.7	29.7	28	26.7	27.6	32.6	25.2	95	98	79	79	80	88	86.5	.....
10..	58.39	58.59	60	57.20	57.85	59.04	58.51	26	25.5	27.2	31	27.7	25.4	27.1	32.2	24.9	93	96	90	66	81	93	86.5	6.1
11..	57.60	57.69	58.51	56	56.31	58.14	57.38	25.1	24.5	29.5	31.8	28.4	26.2	27.6	33.4	24.2	93	97	75	65	78	90	83	1
12..	57.29	57.48	58.29	55.96	56.61	57.91	57.26	26.2	24.5	31.1	30.8	27.6	25.5	27.6	33.2	24.3	90	96	68	71	82	92	83.2	.....
13..	57.61	57.94	59.21	57.30	57.80	59.58	58.24	24.8	23.5	30.5	31.5	28.2	25	27.2	33.2	23.5	95	97	73	67	77	90	83.2	.....
14..	58.97	59.04	59.57	57.78	58.42	60.12	58.98	23.7	23.9	30.7	31.5	28.8	26.5	27.5	33.1	23.4	97	97	74	69	80	91	84.7	.....
15..	59.19	59.06	59.20	57.03	57.22	58.83	58.42	25	23.5	30.7	31.5	28.6	26.5	27.6	33.8	23.5	95	98	69	66	77	91	82.7	.....
16..	57.94	57.97	58.32	56.50	56.92	58.62	57.71	25.6	24.4	31.4	32.2	28.4	26.5	28.1	33.8	24.1	88	96	72	63	82	90	81.8	.....
17..	57.94	58.40	58.70	56.99	57.27	58.90	58.03	25	24.2	30.8	31.8	29.3	26.2	27.9	33.9	24.1	93	95	70	67	79	91	82.5	.....
18..	58.19	58.51	59.36	56.98	56.87	58.89	58.13	24	23.4	31.5	32.7	28.7	25.8	27.7	34.2	23.2	95	97	67	61	77	89	81	18.5
19..	58.37	58.67	59.11	57.03	56.85	58.72	58.12	26.2	25.5	30.5	31.3	27.8	25	27.7	32.9	25	90	94	72	68	75	89	81.3	.8
20..	58.22	58.29	58.74	56.54	56.70	58.62	57.85	26.2	24.6	30.5	31.8	28.5	26.2	28	33.8	24.5	86	96	72	60	78	89	80.2	.....
21..	57.29	57.32	58.82	56.09	56.47	58.48	57.41	26.1	25	30.3	31.7	29	28	28.4	34.1	24.9	89	95	68	62	75	80	78.2	.....
22..	57.57	57.82	58.41	56.52	57	58.07	57.56	27	25.6	31	31.7	28.8	26.5	28.4	33.8	25.4	86	94	71	64	79	89	80.5	.....
23..	56.99	57	58.56	56.83	56.97	58.26	57.44	25.3	24.7	31	31.1	27.6	25	27.4	33.1	24.3	93	95	65	64	77	91	80.8	.....
24..	58.19	58.40	59.05	57.20	57.54	59.25	58.27	24.2	23.7	31.5	32.4	29.5	26.5	28	33.9	23.4	93	94	69	61	72	86	79.2	.....
25..	58.17	58.42	59.55	57.45	57.65	59.15	58.40	25.1	25	31.4	31.7	29.3	26.7	28.2	33.9	24.5	92	93	66	69	74	87	80.2	.....
26..	57.83	57.92	58.83	57.15	57.22	58.51	57.91	26.2	25.5	30.5	30.6	28.6	27.4	28.1	33.3	25.4	90	94	67	66	76	88	80.2	.....
27..	57.27	57.65	59.17	56.85	57.29	58.60	57.80	26.1	25	30.6	31.8	28.7	26.3	28.1	33.4	24.8	91	92	65	59	73	89	78.2	.....
28..	57.46	57.90	58.75	56.56	56.85	58.35	57.64	24.6	24	31.5	31.9	29.2	27	28	33.5	23.8	95	96	67	67	76	89	81.7	1.3
29..	57.43	57.79	57.93	56.03	56.07	57.62	57.14	25.7	25.4	31.5	32.2	29.5	27.1	28.6	33.8	25.1	93	95	66	59	77	88	79.7	.5
30..	56.71	57.08	58.17	56.37	56.39	58.16	57.15	27.4	25.2	30.4	30	28.6	26.1	28	32.9	25.2	87	92	74	74	78	91	82.7	2.5
Mean	58.10	58.31	59.15	57.07	57.37	58.95	58.16	25.6	24.7	30.2	31.1	28.4	26.3	27.7	33.2	24.5	91.4	94.9	72.1	67	78.4	89.1	82.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	88.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	Calm	NE	NE	Calm	Calm	24.7	40.5	46.5	3.5	115.2	7	Ci.	Fr.-N.	8	Ci.-S.	N.
2..	ESE	ENE	ENE	NE	NE	ESE	29.8	48.1	65.8	32.8	176.5	8	.....	Fr.-N. ENE	7	Ci.-S.	Cu.
3..	Calm	Calm	NE	NE	E	Calm	14.5	42.9	65.5	12.7	135.6	10	Ci.-S.	Fr.-N. E	7	Ci.	Cu.
4..	NNE	Calm	NE	NE	Calm	Calm	10.5	42.4	41.6	3	97.5	5	Ci.	Fr.-Cu. NNE	9	Ci.-S.	N.
5..	Calm	SSE	E	NE	ENE	Calm	17.9	43.1	50.9	10.5	122.4	10	.....	Fr.-N. NE	7	Ci.	Cu.
6..	NE	ENE	NE	NE	NE	Calm	33	72.6	50.7	14.5	170.8	9	A.-Cu.	Fr.-N. E	8	Ci.-S.	N.
7..	Calm	Calm	NE	NE	ENE	Calm	3.2	32	50.9	5.3	91.4	7	Ci.	Fr.-N. ENE	7	A.-Cu.	Cu.-N.
8..	Calm	E	SW	N	NE	Calm	15.1	24.7	31.9	6.9	78.6	10	.....	N. E	9	Ci.-S.	N. NE
9..	NE	SW	NE	ENE	NE	E	11.8	39.9	49.4	29.3	130.4	9	Ci.	N. SW	7	Ci.-S.	N.
10..	Calm	Calm	S	N	Calm	Calm	3.8	28.5	39.6	1.1	73	8	Ci.	Fr.-N. NE	3	Ci.	Cu.
11..	Calm	Calm	E	E	ENE	Calm	3	56.8	62.5	14.8	137.1	6	.....	Fr.-Cu. E	6	Ci.-Cu.	Cu.
12..	Calm	Calm	E	E	E	Calm	15.8	47.5	70.6	8.3	142.2	7	Ci.	Cu.	3	Ci.-S.	Cu.
13..	Calm	Calm	E	NE	Calm	Calm	3.2	33.2	53.6	4.6	94.6	3	Ci.	S.	2	Ci.	Cu.
14..	Calm	Calm	ENE	NE	Calm	Calm	5.1	31.9	49.6	2.4	89	8	Ci.-S.	N. NW	6	Ci.	Cu.-N.
15..	Calm	Calm	NE	N	E	Calm	3	23.1	47.2	1.8	75.1	9	Ci.	Cu.	8	Ci.	Cu.
16..	Calm	Calm	NE	ENE	Calm	Calm	2.2	26.4	51.7	2.6	82.9	7	Ci.	Cu.	4	Ci.	Cu.
17..	Calm	Calm	NE	NE	ESE	Calm	1.6	29.8	49.6	4.3	85.3	8	Ci.	S.	7	Ci.	Cu.-N. ESE
18..	Calm	Calm	NE	NE	ENE	Calm	3	40.5	61.7	1.1	106.3	7	Ci.	Cu.	4	Ci.	Cu.-N. E
19..	ESE	Calm	ENE	E	E	Calm	17.4	42.8	65.5	7.2	132.9	8	Ci.-S.	N.	4	Ci.	Cu.
20..	NNE	Calm	NE	NE	Calm	Calm	10.2	49.1	68.2	1.9	129.4	7	Ci.	Cu. E	4	Ci.	Cu.
21..	Calm	Calm	E	ENE	ENE	NE	6.2	48.3	54.7	19	128.2	8	Ci.	Fr.-N. NE	4	Ci.	Cu.
22..	ESE	Calm	ENE	E	E	Calm	10	58.4	62.6	2.2	133.2	8	Ci.-Cu.	Fr.-N. E	6	Ci.-S.	N.
23..	Calm	Calm	ENE	ENE	Calm	Calm	2.4	45.1	49.3	1.6	98.4	8	Ci.-S.	Fr.-N. SE	8	Ci.-S.	N.
24..	Calm	Calm	NNE	NNE	Calm	Calm	1.9	28	48.3	1.3	79.5	8	Ci.-S.	N.	7	Ci.-S.	N.
25..	Calm	Calm	NNE	NNE	Calm	Calm	2.4	33.8	41.6	4	81.8	9	Ci.-S.	N. NE	4	.....	Fr.-Cu. NNE
26..	SE	Calm	ENE	NNE	Calm	Calm	12.6	38.3	38.8	5.4	95.1	9	Ci.-S.	N. NE	9	Ci.-S.	N. NNE
27..	Calm	Calm	NE	NE	N	Calm	10.8	35.4	45.9	2.7	94.8	9	Ci.-S.	N.	7	Ci.-S.	Cu.
28..	Calm	Calm	ENE	NE	NNW	Calm	1.6	25.2	47	8.3	82.1	10	Ci.-S.	Fr.-N. E	3	Ci.	Cu.
29..	Calm	Calm	NE	NE	Calm	Calm	7.5	41.5	45.3	3.5	97.8	8	Ci.-S.	N.	2	Ci.	Cu.
30..	Calm	Calm	NNW	NE	Calm	Calm	16.9	17.5	30.8	2.1	67.3	8	Ci.-S.	N.	8	Ci.-S.	N.
Mean	.....	.....	.....	.....	.....	.....	10	38.9	51.2	7.3	107.5	7.9	.....	.....	5.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,224.4	....	.....	.....	.....	.....	.....

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

MAY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	57.47	57.77	58.65	56.64	57.45	59.50	57.91	26.1	25	31	31.8	29.3	27	28.4	33.9	24.8	91	95	68	65	72	88	79.8	.....
2..	57.60	57.67	59.19	57.25	57.42	59.27	58.07	25.7	25	32	31.5	29.7	26.7	28.4	34	24.6	89	93	69	64	73	90	79.7	.....
3..	58.12	58.17	58.42	55.97	57.18	58.93	57.80	26.1	25.2	28.5	31.5	22.7	24	26.3	32.6	22.5	91	94	75	74	98	93	87.5	44.9
4..	57.50	57.85	59.13	56.83	57.44	59.10	57.98	23.7	23.5	30.5	31	29	26.5	27.4	33.7	23.4	96	97	70	70	79	90	83.7	.3
5..	57.88	58.07	59.36	57.23	57.36	59.35	58.21	25.2	24.9	31.2	32.1	29.5	26.6	28.2	33.9	24.7	94	94	68	67	75	87	80.8	.....
6..	57.97	58.05	58.71	57.05	57.87	59.45	58.18	25.6	25	31.3	31.3	28.5	26	28	34.3	24.5	91	91	64	68	81	89	80.7	.....
7..	58.32	58.31	59.34	56.78	57.95	59.18	58.31	24.9	24.3	28.9	31.1	26.4	24.5	26.7	33.5	24.2	94	95	79	66	89	94	86.2	1
8..	58.08	58.24	59.05	57.14	57.91	59.92	58.39	24.2	24	30.4	31.1	28.6	26.3	27.4	33.2	23.8	95	95	74	71	84	88	84.5	.....
9..	58.59	58.94	59.13	56.74	58.17	60.18	58.62	25	24.5	31.9	31.9	29.2	23.3	27.6	35.2	22.7	93	95	63	71	78	95	82.5	21.1
10..	59.04	59.35	58.94	57.12	57.90	59.75	58.68	23.7	23.5	29.7	29.3	28.5	26.1	26.8	32.8	23.2	96	97	73	76	79	92	85.5	.....
11..	57.92	57.99	58.59	56.34	57.72	58.88	57.91	24.3	24	29.7	31.2	26.8	24.4	26.7	32.8	23.8	95	96	77	65	82	93	84.7	1.5
12..	58.32	58.64	59.42	57.04	58.67	59.92	58.67	24.3	25	29.7	31.2	27.3	25.5	27.2	33.8	24.1	93	95	71	64	82	91	82.7	.....
13..	59	59.33	59.85	57.67	58.46	59.96	59.04	24.7	24	30.5	32	29.8	27.1	28	34.5	23.7	92	93	68	64	77	88	80.3	.....
14..	59.32	59.90	60.85	58.61	58.93	60.75	59.73	26	25	30.5	30	29	25.7	27.7	32.7	24.8	94	95	75	75	78	89	84.3	.....
15..	59.93	60.58	60.86	58.56	59.06	60.47	59.91	25.1	24.9	28.5	31.9	29	25.9	27.6	33.6	24.3	92	92	78	65	71	88	81	.....
16..	59.29	59.52	60.23	58.27	58.42	59.46	59.20	24.4	23.9	31.3	32.2	29	25	27.6	33.8	23.7	92	94	65	60	64	88	77.2	.....
17..	59.22	59.40	60.46	58.08	58.62	60.70	59.41	24.7	25	31.5	32.4	29.2	27.9	28.4	34.2	24.5	92	92	69	64	70	81	78	8.6
18..	59.53	59.96	60.71	58.84	59.01	60.47	59.75	24.5	24.4	30	31	28.5	26.2	27.4	33	24.2	93	93	77	68	81	90	83.7	3.3
19..	59.08	59.25	60.12	57.99	57.94	59.20	58.93	25.7	25.5	26.3	31.1	28.7	26.8	27.4	32.2	23.5	94	95	90	69	80	90	86.3	10
20..	57.80	57.79	59.11	57.05	58.54	59.35	58.27	26.9	25.5	25.7	29.2	24.5	24.8	26.1	31.2	24.4	89	96	90	83	92	95	90.8	14.6
21..	57.78	57.91	58.96	57.27	57.57	58.87	58.06	23.8	23.4	29	28.7	27.5	25.7	26.4	31.8	23.2	95	97	76	78	82	92	86.7	.....
22..	58.15	58.54	59.50	57.40	58.72	59.96	58.71	24.6	24.3	30.6	29.1	23.8	24	26.1	32.1	23.5	95	96	69	74	95	97	87.7	32
23..	58.64	58.93	60.10	58.42	59.72	60.26	59.34	23.6	23.3	28.5	29.7	23.4	23.5	25.3	31.3	22.7	97	97	81	72	96	96	89.8	34.6
24..	59.50	59.27	59.61	57.70	58.33	59.32	58.96	22.5	22	29.4	30.5	25	24.9	25.7	32	21.7	96	98	72	73	96	96	88.5	16
25..	58.38	58.65	58.79	57.43	57.69	58.76	58.28	24.1	24	30.7	25	25.5	23.8	25.5	32.3	23.2	97	97	72	93	93	97	91.5	10.4
26..	58.54	58.74	59.20	57.45	58.07	59.42	58.57	23.2	23	30	30.9	28.8	24.6	26.8	33.8	22.5	97	96	69	70	76	92	83.3	.8
27..	58.74	59.34	59.94	58.19	58.57	59.42	59.07	24.3	24.5	30	31	29.2	27	27.7	32.6	24	95	96	71	69	81	90	83.7	1.3
28..	58.33	58.85	59.92	57.97	57.87	58.96	58.65	26	24.5	28.9	28	27.5	25.4	26.7	32	24.2	92	95	78	77	82	92	86	.....
29..	58.35	58.81	58.77	56.64	56.91	58.25	57.96	24.5	24.5	30.8	30.4	28.7	26.2	27.5	32.7	24.2	96	96	70	70	77	92	83.5	8.4
30..	58.37	58.69	59.41	57.29	57.87	59.25	58.48	24	24.5	28.8	29.2	27.9	25	26.6	31.4	24	98	97	80	75	82	96	88	15.8
31..	58.15	58.54	59.52	57.80	58.19	59.72	58.65	24.5	24.2	29.6	29	26.4	25.5	26.5	31.8	24	96	97	70	81	94	96	89	4.8
Mean	58.49	58.74	59.48	57.44	58.11	59.55	58.64	24.7	24.3	29.9	30.5	27.6	25.5	27.1	33	23.8	93.9	95.1	73.3	71	81.9	91.5	84.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	229.4

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	NE	NE	Calm	Calm	3.5	28.7	42.6	1.4	76.2	9	Ci.-S.	N. NE	5	Ci.-S.	Cu. NE
2..	Calm	Calm	E	NE	Calm	Calm	1.4	37.8	40	8.3	87.5	8	Ci.-S.	Cu. NE	7	Ci.	Fr.-N. NE
3..	Calm	Calm	E	N	W	SSE	3.4	20.7	45.6	13.5	83.2	9	Ci.-S.	N. NE	8	Ci.-S.	Cu.-N.
4..	Calm	Calm	SW	NNW	NE	Calm	7	20.7	41.8	2.4	71.9	8	Ci.-S.	N.	8	Ci.-S.	N.
5..	Calm	Calm	E	NE	Calm	Calm	3	41.8	67	3.4	115.2	7	Ci.	Fr.-Cu. NE	4	Ci.	Cu.
6..	Calm	Calm	SE	SSE	Calm	SSW	11	26	25.5	6.2	68.7	8	Ci.	Cu.	9	Ci.-S.	N. S
7..	Calm	Calm	Calm	NE	Calm	Calm	2.4	13.4	34.3	4.3	54.4	8	Ci.	N. NE	8	Ci.-S.	Cu.
8..	Calm	Calm	SE	NE	Calm	Calm	3.2	27.7	34.8	12.4	78.1	8	Ci.-S.	Cu.	8	Ci.-S.	Fr.-N.
9..	Calm	Calm	SSE	N	WNW	Calm	6.9	26.9	57.9	27.7	119.4	8	Ci.	N.	8	Ci.-S.	Cu.-N.
10..	Calm	Calm	SSE	ENE	WSW	Calm	14	25.1	42	7.4	88.5	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N. E
11..	Calm	Calm	NW	NNE	SSW	Calm	3.2	12.3	35.2	15	65.7	10	Ci.-S.	Fr.-N.	9	Ci.-S.	Cu.
12..	Calm	Calm	S	NW	Calm	Calm	9.7	23.9	38.1	13.1	84.8	10	.....	N.	6	Ci.-S.	Cu.-N.
13..	Calm	Calm	NE	N	E	Calm	5	37.3	31.2	6.7	80.2	9	Ci.-S.	Fr.-N.	8	A.-Cu.	Fr.-N. SE
14..	SE	Calm	NNW	NE	W	Calm	10.7	24.6	37.8	5.9	79	10	Ci.-S.	N. NE	7	Ci.	Cu. NE
15..	Calm	Calm	NE	E	Calm	Calm	5.4	14	42.9	2.6	64.9	8	Ci.-S.	N.	7	Ci.-S.	Cu.
16..	Calm	Calm	NE	NE	ESE	Calm	2.9	42.8	73	2.7	121.4	4	Ci.	Fr.-N. NE	2	.....	Cu.
17..	Calm	Calm	SE	N	E	Calm	1.8	31.7	59.7	12.3	105.5	6	.....	Cu.-N. E	4	Ci.	Cu.
18..	Calm	Calm	NE	ENE	NE	Calm	13.9	25.2	40.5	9.1	88.7	10	Ci.-S.	Fr.-N. E	9	Ci.-S.	Fr.-N.
19..	Calm	Calm	Calm	ENE	NE	Calm	6.2	18.8	47.5	9.1	81.6	9	Ci.-S.	N. NE	7	Ci.-S.	Fr.-N. ENE
20..	Calm	Calm	N	N	Calm	Calm	16.1	20.4	29.3	7.5	73.3	8	.....	Fr.-N. NE	10	Ci.-S.	Fr.-N.
21..	N	Calm	NE	ESE	ESE	Calm	9.7	30.6	24.7	3.7	68.7	8	Ci.-Cu.	Fr.-N.	9	Ci.-S.	N.
22..	Calm	Calm	N	NE	Calm	Calm	4.3	29.2	49.3	10.2	93	10	Ci.-S.	N. SE	8	Ci.-S.	N. NE
23..	Calm	Calm	Calm	NNW	WSW	Calm	4.8	16.4	34.9	15.8	71.9	8	Ci.	N.	9	A.-S.	N. NE
24..	Calm	Calm	SSE	N	WSW	Calm	1	14.2	45.1	11.1	71.4	10	Ci.-S.	Fr.-N.	8	Ci.-S.	N. E
25..	Calm	Calm	SE	SE	Calm	SSW	3	20.4	24.4	6.9	54.7	10	.....	N. SE	10	.....	N.
26..	Calm	Calm	SE	N	N	Calm	2.1	25.5	36.5	20.3	84.4	9	Ci.	N.	8	Ci.-S.	Cu.-N.
27..	Calm	Calm	NNE	ENE	Calm	Calm	3.8	21.7	35.9	3.5	64.9	9	Ci.	Fr.-N.	7	Ci.	Fr.-Cu. ENE
28..	Calm	NW	SW	SSE	Calm	Calm	12.1	32.4	28	1.9	74.4	10	.....	N. NW	9	Ci.-S.	N. SE
29..	Calm	Calm	NW	N	Calm	Calm	5	19.6	38.9	7.8	71.3	10	.....	Fr.-N. NE	7	Ci.-S.	Cu.
30..	Calm	Calm	N	WNW	Calm	Calm	10.5	15.5	24.9	6.6	57.5	10	.....	N. SE	10	Ci.-S.	N.
31..	Calm	Calm	Calm	NNE	Calm	Calm	1.6	10	34.6	15	61.2	9	Ci.-S.	N.	8	Ci.-S.	Fr.-N.
Mean	.....	.....	.....	.....	.....	.....	6.1	24.4	40.1	8.8	79.4	8.7	.....	.....	7.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,461.6	.....	.....	.....	.....	.....	.....

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

JUNE, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p.m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	58.93	59.16	59.76	57.78	57.52	58.55	58.62	24.7	24.5	31.1	30.5	28.6	26.9	27.7	32.8	24.3	96	97	75	73	85	92	86.3	38.4
2..	58.17	58.27	58.93	56.50	56.86	58.20	57.82	26	24.7	30.6	31.4	28.9	27	28.1	33.1	24.5	94	96	70	69	76	89	82.3	2.8
3..	58.07	58.63	57.97	56.17	56.77	58.29	57.65	25.3	25	30.6	31.8	29.2	26.1	28	33.2	24.6	97	98	73	70	75	91	84	.6
4..	57.82	58.24	58.35	56.34	56.92	58.35	57.67	25.3	25	29.5	31.2	28.6	26.8	27.7	32.7	24.5	93	93	79	69	77	91	83.7	11.7
5..	57.94	58.50	58.94	57.11	57.75	59.43	58.28	26.4	24.4	30.7	31.1	28.9	26.2	28	32.9	23.9	93	93	78	70	76	88	83	14.5
6..	59.12	59.34	59.67	57.95	57.86	59.36	58.88	24.7	24.4	30.2	31.5	29	26.5	27.7	33.2	24.3	94	95	77	67	79	90	83.7	6.4
7..	58.63	58.68	59.02	57.55	57.70	59.12	58.45	25.5	25	29.8	31.7	29.2	26.6	28	32.9	24.8	93	95	76	56	74	89	80.5	.5
8..	58.36	58.55	59.35	57.58	58.60	60.20	58.77	25.6	25	30.7	31.5	28	25.6	27.7	32.8	24.8	95	96	67	72	79	95	84	.8
9..	59.05	59.19	60.05	57.86	58.58	59.50	59.04	24.5	24.2	29.6	29.4	27.7	25.7	26.8	32.3	23.7	94	94	69	80	85	90	85.3	9.9
10..	59.05	59.35	59.65	57.70	58.65	59.86	59.04	24.4	24.7	27.7	29.5	27.8	24.9	26.5	31.7	24.3	97	97	86	81	80	91	88.7	4.6
11..	58.44	58.59	58.81	57.25	57.32	58.41	58.14	24	23.9	30.2	30.6	28.1	27.5	27.4	32.7	23.7	97	97	79	81	82	87	87.2	.....
12..	57.58	57.69	58.11	56.55	57.15	58.37	57.58	26.5	24.8	30.3	32.2	28.7	26.5	28.2	33.6	24.8	90	96	78	68	85	89	84.3	6.4
13..	57.72	57.93	58.84	56.56	56.72	58.23	57.67	25.8	23.6	25.7	29.9	28	25.8	26.5	31.5	23.2	93	95	90	70	81	89	86.3	1.3
14..	58.03	58.46	59.32	56.96	57.62	59.22	58.27	25.1	24.5	26	30	28	25.5	26.5	31.9	24	91	91	89	68	81	92	85.3	.3
15..	58.84	59.10	59.03	57.95	58.52	60.10	58.92	24	23.5	30.5	30.8	28.7	26.6	27.4	32.7	23.3	95	97	72	70	84	88	84.3	55.1
16..	59.75	58.31	58.88	56.99	56.81	58.65	58.23	23.7	23.1	29.8	31.5	29.4	26.6	27.4	33	23	94	96	77	66	75	91	83.2	.....
17..	57.59	57.69	58.10	56.14	57.01	58.34	57.48	25.4	24.9	31	31	23.8	23.6	26.6	33.2	23.4	95	96	74	69	96	95	87.5	21.9
18..	57.61	57.81	58.65	57.45	58.45?	59.95	58.32	23.4	23.7	29.6	29.4	24	23.2	25.6	32	22.7	.....	.....	.....	.....	.....	.....	.....	.....
19..	58.95	59.35	60	58.40	58.90	60.10	59.28	22.8	23.2	27	29.7	28.1	26.3	26.2	31.2	22.5	.....	.....	.....	.....	.....	.....	.....	.....
20..	59.40	59.70	59.85	58.30	59.20	60.30	59.46	24.7	24	30.3	30.6	24.1	23.9	26.3	32.9	23.7	.....	.....	.....	.....	.....	.....	.....	.....
21..	59.25	59.20	59.30	59.59	58.29	59.18	58.80	23.7	22.9	30.2	30.7	28.3	24.6	26.7	31.9	22.8	.....	.....	.....	.....	.....	.....	.....	4.9
22..	58.37	58.50	58.60	56.44	57.10	58.44	57.91	23.9	23.2	29.2	30.3	27.8	25	26.6	32.9	23	97	98	76	66	83	92	85.3	36.6
23..	57.78	58.48	58.64	56.20	57.05	58.49	57.77	24.3	23	27	30.1	27.5	26.3	26.4	31.4	22.5	89	97	80	64	78	88	82.7	2.8
24..	57.95	57.89	58.57	57.50	57.77	58.55	58.04	24.6	24.4	29.5	29.7	27.5	25.4	26.8	30.7	23.8	95	95	78	75	86	95	87.3	3.8
25..	57.58	57.46	57.65	56.30	57.09	57.85	57.32	24.3	24.7	28.7	29	25	24.6	26	31.5	23.7	96	92	78	77	93	95	88.5	1.3
26..	56.09	56.55	57.57	56.94	56.04	57.81	56.83	23.7	23.6	26.1	22.8	24.2	24.6	24.2	30.5	22.8	97	97	89	95	94	91	93.8	28.7
27..	57.29	57.65	58.46	57.41	58.33	59.64	58.13	24	23.6	28.1	27.9	25.3	24.4	25.6	30.6	23.3	96	97	84	85	93	97	92	7.6
28..	58.78	59.09	59.35	58.17	58.60	60.56	59.09	23.4	23.6	28.3	30.2	28.5	26.4	26.7	32	23	97	98	82	78	88	95	89.7	20.3
29..	59.43	60.33	59.82	57.74	57.59	59.07	59	23.4	24.8	29.2	31.1	29	27	27.2	32.4	22.9	96	97	72	73	81	86	84.2	32.3
30..	58.07	58.68	59.01	56.72	57.17	58.69	58.06	24.2	24.5	29	30	28	25.5	26.9	31.9	23.6	96	96	81	76	86	94	88.2	4.8?
Mean	58.32	58.55	58.94	57.20	57.66	59.03	58.28	24.6	24.1	29.2	30.2	27.6	25.7	26.9	32.3	23.6	94.6	95.7	78	72.6	82.8	91.2	85.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]318.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
													Form and direction.			Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	ESE	ENE	Calm	Calm	4.6	19.5	26.4	1.1	51.6	8	Ci.	N.	10	Ci.-S.	Fr.-N. SE
2..	NE	Calm	SE	NE	E	Calm	12.7	27.7	59.7	12.4	112.5	8	Ci.-S.	N.	4	Ci.-S.	Cu.-N.
3..	Calm	Calm	ENE	ENE	ENE	Calm	.....	.....	61.8	2.7	.....	9	.....	Fr.-N. E	4	Ci.	Cu.
4..	Calm	Calm	E	NE	E	Calm	9.5	26.4	61.2	5.8	102.9	9	Ci.	Fr.-N. E	7	Ci.	Fr.-Cu. E
5..	SE	Calm	NE	NNE	WNW	S	27.2	29.3	48.6	13.2	118.3	8	.....	N. E	4	Ci.	Fr.-Cu. E
6..	Calm	Calm	SSE	ENE	Calm	Calm	5.6	18.3	44.6	3.2	71.7	9	.....	N.	7	Ci.	Cu.
7..	Calm	Calm	E	ENE	E	Calm	5.6	34.4	57.4	13.2	110.6	10	.....	Fr.-N. E	6	Ci.	Cu.
8..	Calm	Calm	E	ENE	SW	Calm	4.3	26.6	45.6	10.7	87.2	7	Ci.	Cu.-N. E	7	Ci.	Cu. E
9..	Calm	SSE	SSE	ENE	Calm	Calm	6.2	32.2	44.8	8.7	91.9	3	Ci.	Cu.	9	Ci.-S.	N. ENE
10..	Calm	ESE	S	NE	SSW	Calm	10.8	13.7	33.6	19	77.1	10	.....	N.	8	Ci.-S.	N. E
11..	Calm	Calm	E	ENE	ENE	E	5.1	35.2	73.5	44.3	158.1	9	Ci.-S.	N.	7	A.-Cu.	Cu. ENE
12..	ESE	Calm	E	E	ESE	SSE	15.3	49.3	61.8	11.8	138.2	8	Ci.-S.	Cu. E	8	Ci.-S.	Cu.
13..	Calm	ESE	Calm	E	E	SE	30.4	6.7	43.8	11.6	92.5	10	.....	N.	8	Ci.-S.	Cu. E
14..	Calm	SE	E	ESE	ENE	Calm	13.5	31.2	53.7	5.1	103.5	5	Ci.	Cu.-N. SE	7	Ci.-S.	Cu. ESE
15..	Calm	Calm	E	N	E	Calm	3.2	26.6	45.7	6.7	82.2	8	Ci.	Cu.	8	Ci.	Cu.-N.
16..	SE	Calm	E	ENE	Calm	Calm	22	26.9	52.9	2.1	103.9	8	Ci.-S.	N.	4	Ci.	N.
17..	Calm	Calm	NE	N	SW	Calm	3	25.7	59	13.9	101.6	4	A.-Cu.	Cu.	4	Ci.-S.	Cu.
18..	Calm	Calm	.....	.....	.....	.....	2.2	19.9	.....	.....	.....	10	Ci.-S.	Fr.-N.	.....	.....	.....
19..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21..	.....	.....	.....	NE	Calm	Calm	.....	.....	41.8	20.1	.....	.....	.....	.....	7	Ci.-S.	.....
22..	Calm	Calm	Calm	E	SW	Calm	3.5	21.7	31.1	15.9	72.2	9	Ci.-S. SW	S.-Cu. SSE	5	Ci.-S.	Fr.-Cu. E
23..	Calm	Calm	Calm	N	N	Calm	19.1	17.9	36	14.2	87.2	10	Ci.-S.	N. SW	7	Ci.-S. ENE	Fr.-Cu. NNE
24..	Calm	SW	W	Calm	Calm	Calm	6.1	25.7	15.5	5.6	52.9	9	Ci.-S.	.....	10	Ci.-S.	Fr.-Cu. NW
25..	Calm	Calm	NW	N	Calm	Calm	4.3	21.9	33.8	8	68	9	Ci.-S. SE	Cu. ENE	10	Ci.-S.	Cu. N
26..	Calm	Calm	S	S	Calm	Calm	8.9	29.2	30.9	34.1	103.1	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	N. SSW
27..	Calm	Calm	Calm	NE	Calm	Calm	14.7	21.5	27.6	3	66.8	10	A.-S.	.....	9	Ci.-S.	Fr.-Cu. NE
28..	Calm	Calm	S	NE	Calm	Calm	4.5	19.5	37.5	2.2	63.7	10	Ci.-S.	Cu. SSW	8	Ci.-S. ESE	Fr.-Cu. ENE
29..	Calm	Calm	Calm	NNE	Calm	Calm	16.6	13.5	43.1	4.6	77.8	10	A.-S.	.....	5	Ci.-S.	Cu. NE
30..	Calm	SW	Calm	N	Calm	Calm	30.9	25.9	35.7	7.2	99.7	10	Ci.-S.	N.	5	Ci.-S. ENE	Cu. NNE
Mean	.....	.....	.....	.....	.....	.....	11.1	24.9	44.7	11.1	91.8	8.5	.....	.....	7	.....	.....

NOTE.—The pressure and temperature for the 18th, 10 a. m. to the 21st 10 a. m. have been taken from a self-registering apparatus.

[a] 27 days of observation.

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.7 meters; gravity correction not applied, —1.81 mm.]

AUGUST, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.26	57.95	57.79	57.26	57.35	58.86	57.91	24.4	23.5	29.9	25	25.6	23.5	25.3	34	23.1	91	90	70	92	91	95	88.2	46.5
2..	57.96	57.73	58.20	56.71	57.02	58.33	57.66	24.8	25.4	31.4	32.2	27	24.9	27.6	33.9	23.3	93	93	68	65	80	93	82	.....
3..	57.63	57.49	57.96	56.61	57.33	58.46	57.58	24.4	23.9	31.1	31	24.5	25.5	26.7	33.9	23.4	95	96	63	68	91	85	83	.....
4..	56.99	57.20	58.35	57.30	57.75	59.01	57.77	25.2	25.1	25.8	26	25	24.3	25.2	27.2	24	88	91	89	89	83	89	88.2	.....
5..	57.99	58.60	58.57	57.22	57.41	58.94	58.12	24	23.5	30	27.8	27.7	25.2	26.4	33.6	23.2	91	93	70	91	82	94	86.8	2.8
6..	58.14	58.74	58.86	57.01	57.40	58.53	58.11	23.9	23.4	29.6	32	29.5	26.5	27.5	33.6	23.2	96	97	75	67	75	86	82.7	16.8
7..	57.53	57.70	57.66	56.01	56.83	57.12	57.14	25	23.6	30.3	31.7	29	25.6	27.5	33.2	23.2	89	97	70	65	77	93	81.8	25.7
8..	56.40	56.21	57.07	55.31	55.72	57.55	56.38	24.5	24.5	29	31.3	27.4	25.5	27	32.6	24.1	97	97	78	70	88	94	87.3	.....
9..	56.79	57.20	57.88	56.38	57.06	58.80	57.35	24.4	24.1	31.1	29.8	28.4	25.5	27.2	33	23.9	93	95	70	74	81	93	84.3	2.5
10..	57.01	57.74	58.26	56.27	56.73	58.05	57.34	24.7	24.2	30.8	32.3	26.5	25.5	27.3	33.9	24.1	94	97	70	65	88	93	84.5	2.3
11..	56.59	57.05	57.58	56.35	57.47	58.82	57.31	25.1	25.4	31.8	32.6	28	25.6	28.1	35.4	24.7	92	93	69	73	81	91	83.2	.....
12..	57.35	57.70	58.42	56.61	57.58	59.24	57.82	24.7	24	29.8	28.1	27.7	24.9	26.5	33.5	23.8	94	96	79	85	91	93	89.7	.3
13..	58.58	59	58.74	56.29	56.81	58.41	57.97	24.1	23.9	30.7	32.4	29.2	26.2	27.8	34	23.7	95	94	72	70	79	92	83.7	.....
14..	57.40	57.43	57.80	55.71	56.05	57.59	57	25.2	24.3	31.2	32.2	29.8	26.9	28.3	33.8	24	94	96	75	73	77	89	84	.....
15..	56	56.68	57.13	55.04	55.57	57.01	56.24	25.3	25	31.3	32.3	26.4	25	27.6	34.2	24.3	93	93	68	69	85	92	83.3	.....
16..	55.23	55.35	55.25	53.30	54.08	55.25	54.74	24.1	23.9	30.7	33.5	27	25.4	27.4	35	23.6	94	94	70	64	86	90	83	.5
17..	53.96	54.31	55.02	53.84	54.42	55.61	54.53	25.7	24	29.3	29.3	26.6	25.6	26.8	32.6	23.8	88	96	79	78	90	87	86.3	.....
18..	54.73	55.43	56.84	55.40	56.06	57.60	56.01	25.3	25.5	25.6	27.3	25.3	24.2	25.5	28	24.1	89	86	90	83	88	94	88.3	4.6
19..	56.34	56.84	57.73	56.41	57.03	58.61	57.16	24.7	24.8	30.4	28.6	26	25.6	26.7	33.3	24.1	89	91	78	80	92	91	86.8	22.9
20..	57.46	57.54	58.11	56.69	58.01	59.68	57.92	24.8	23.9	31.2	30.4	25	24.2	26.6	32.4	23.5	89	95	75	76	92	93	86.7	16
21..	58.70	59.11	59.53	57.94	58.08	59.87	58.87	23.8	23.3	31.2	32.2	29.2	25.8	27.6	33.3	23	94	97	71	70	81	92	84.2	.....
22..	59.21	59.30	59.99	57.70	58.02	59.53	58.96	24.3	24	31.1	32.5	29.5	26.5	28	34	23.6	93	96	70	63	78	90	81.7	7.6
23..	58.33	59.01	59.42	58.11	58.89	60.19	58.99	25.5	24.5	31	32	29	26.5	28.1	33.6	24.2	92	94	72	67	81	87	82.2	4.6
24..	59.33	59.89	60.30	58.49	59.64	60.63	59.71	25	25	30.7	30.7	26	24.7	27	33.2	24.3	96	96	77	74	85	92	86.7	2.5
25..	60.07	59.41	60.32	58.23	59.08	59.74	59.48	24.7	24.4	27	29.5	27	24.7	26.2	31.9	24	92	93	90	75	87	94	88.5	8.9
26..	58.65	58.80	58.90	56.76	57.71	58.65	58.24	24.3	24	30.3	32.1	28.7	24	27.2	33.5	23.7	95	96	73	63	80	91	83	.3
27..	58.14	58.30	58.88	56.86	57.26	59.47	58.15	24	23.7	30.3	32.1	28.8	26.3	27.5	33.4	23.4	93	96	70	64	78	90	81.8	.5
28..	58.24	58.79	59.54	57.39	57.46	59.11	58.42	25.1	25.1	31.7	32.1	29	26.2	28.2	33.7	24.8	93	95	68	66	78	90	81.7	.....
29..	57.57	57.53	58.26	55.90	56.08	57.41	57.12	25.3	24.8	30.2	32	26.9	25	27.4	33.6	24.4	94	95	71	67	82	88	82.8	.....
30..	56.03	55.86	56.69	54.65	55.74	56.96	55.99	24.8	24	30.5	32.6	26.8	24.3	27.2	34.1	23.7	89	94	68	64	83	95	82.2	1.8
31..	55.50	55.30	56.43	54.02	55.21	57.04	55.58	23.9	24.4	29	31.4	27	25	26.8	33.5	23.6	96	91	74	62	82	88	82.2	.....
Mean	57.36	57.59	58.11	56.38	57	58.39	57.47	24.7	24.3	30.1	30.8	27.4	25.3	27.1	33.2	23.8	92.6	94.3	73.6	72	83.6	91.1	84.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	167.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	S	Calm	S	W	S	Calm	32.2	54.4	33	11.5	131.1	8	Ci.-S.	.....	10	Ci.-S.	N. W
2..	S	S	Calm	N	S	Calm	31.9	43.5	54.9	14.7	145	7	Ci.-S.	.....	3	Ci.-S.	Cu.-N. NNW
3..	Calm	Calm	NW	N	S	S	6.9	30.1	54.9	34	125.9	6	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
4..	S	S	S	S	S	Calm	46.5	32	34.1	22.7	135.3	10	Ci.-S.	Fr.-S. S	10	Ci.-S.	Fr.-S. SSW
5..	Calm	Calm	SSE	Calm	Calm	Calm	9.9	34.6	34.8	2.4	81.7	10	A.-Cu.	S.-Cu.	10	Ci.-S.	Cu.-N. E
6..	Calm	Calm	Calm	ENE	Calm	Calm	2.7	24.1	41.8	5.8	74.4	3	Ci.-Cu.	S.-Cu. S	4	Ci.-S.	S.-Cu. E
7..	Calm	Calm	Calm	NNW	Calm	Calm	14.8	23.3	43.1	15.5	96.7	8	A.-S.	S.-Cu. E	3	Ci.-S.	Fr.-Cu. N
8..	WNW	Calm	NW	N	Calm	Calm	20.1	25.4	36.4	14.8	96.7	10	A.-S.	S.-Cu.	9	Ci.-S. ENE	Cu. NNE
9..	Calm	Calm	SSE	W	Calm	Calm	6.4	35.9	30.8	11.3	84.4	5	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. W
10..	Calm	Calm	NNW	NNW	Calm	Calm	3.7	22	48.6	7.7	82	10	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu. N
11..	S	S	S	SW	Calm	Calm	33.3	52.8	49.3	7.5	142.9	9	Ci.-S.	.....	7	Ci.-S. WNW	Cu.-N. WSW
12..	Calm	Calm	ESE	Calm	Calm	Calm	2.9	22.3	18.7	10.8	54.7	5	Ci.-S.	.....	10	Ci.-S.	Fr.-N.
13..	Calm	ESE	Calm	NE	Calm	Calm	5.3	25.1	38	4.6	73	10	A.-S.	S.-Cu. SE	5	Ci.-S.	Cu. NE
14..	Calm	Calm	NNW	NNW	Calm	Calm	3.8	30.4	50.9	5.1	90.2	1	Ci.-S.	Cu. N	2	Ci.-S. NE	Cu. N
15..	Calm	Calm	Calm	NW	Calm	Calm	5.1	26	61.4	9.2	101.7	10	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu. NW
16..	Calm	Calm	W	W	Calm	Calm	5.6	28.4	53.4	22.2	109.6	9	Ci.-S.	.....	9	Ci.-S. NNW	Cu. WNW
17..	SW	Calm	S	S	Calm	S	28.2	35.6	48.8	53.6	166.2	10	A.-S. SW	S.-Cu. SSW	10	Ci.-S. WSW	Fr.-S. SSW
18..	Calm	S	S	S	S	S	58.1	46.9	52.9	34.3	192.2	10	A.-S. SW	.....	10	Ci.-S. WSW	Fr.-N. SSW
19..	S	SSE	SSE	S	Calm	S	80.8	75.1	32.5	27.4	215.8	8	A.-Cu. SSW	.....	10	Ci.-S.	Cu.-N. SSW
20..	S	Calm	Calm	S	Calm	Calm	25.4	22.5	43.5	18.2	109.6	6	A.-Cu. SW	.....	10	Ci.-S.	Fr.-Cu. SSW
21..	Calm	Calm	S	NNW	Calm	Calm	4	19.3	30.9	3.5	57.7	7	Ci.-S.	.....	2	Ci.-S.	Cu.
22..	Calm	Calm	ENE	N	Calm	Calm	2.6	23.6	29.3	1.8	57.3	4	Ci.-Cu.	Cu. N	3	Ci.	Cu.
23..	Calm	Calm	NE	N	Calm	ENE	10	28.2	31.7	10.7	80.6	3	Ci. SE	Fr.-Cu. NNE	9	Ci.-S.	Fr.-Cu. N
24..	Calm	Calm	Calm	NE	Calm	Calm	5.9	24.1	35.6	13.5	79.1	9	Ci.-S. SE	N. ENE	4	Ci.-S.	S.-Cu. ENE
25..	Calm	Calm	Calm	NW	Calm	Calm	10.5	31.2	30.4	3	75.1	10	A.-Cu. N	Fr.-Cu. NW	9	Ci.-S.	Cu.-N.
26..	Calm	N	Calm	NNW	Calm	SE	4.8	20.6	46.7	31.4	103.5	9	Ci.-S.	Fr.-S. NNE	3	Ci.-S.	Cu. N
27..	Calm	Calm	NNW	NNW	Calm	Calm	8	24.4	41.8	3.5	77.7	5	A.-Cu. S	.....	4	Ci.-S.	Cu.-N. NNW
28..	Calm	Calm	WNW	NW	Calm	Calm	3.5	34.4	42.9	5.3	86.1	10	A.-S. NE	Fr.-S. N	5	Ci.-S.	Cu. NW
29..	Calm	Calm	WNW	N	Calm	Calm	3.7	21.2	28.8	8.2	61.9	10	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. N
30..	Calm	Calm	Calm	NE	Calm	Calm	7.7	12.4	23.3	11.3	54.7	7	Ci.-S.	Fr.-S.	8	Ci.-S.	Cu.-N. ENE
31..	Calm	Calm	SSE	SSE	Calm	S	3.8	47	57.7	50.7	159.2	10	A.-S.	S.-Cu.	8	Ci.-S.	Cu. S
Mean	.....	.....	.....	.....	.....	.....	15.7	31.5	40.7	15.4	103.3	7.7	.....	.....	7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,202	.....	.....	.....	.....	.....	.....

NOTE: This station was temporarily closed during the month of July.

CAPIZ.

[$\phi = 11°\ 35'$ N; $\lambda = 122°\ 45'$ E; barometer above sea, 6.7 meters; gravity correction not applied, —1.81 mm.]

SEPTEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	55.76	56.09	57.24	55.67	56.08	57.83	56.44	24.5	24.5	27.7	28.7	25.9	25.1	26.1	31.6	24.1	87	89	81	75	75	91	83	1.3
2..	56.47	57.39	57.58	56.07	56.51	57.88	56.98	24	23.5	29.8	28.6	26.9	25.3	26.4	32.3	23.5	91	91	65	69	75	79	78.3	.....
3..	56.81	57.18	57.95	55.86	56.91	58.18	57.15	25.2	25.2	28	31.5	28.3	25.9	27.4	33	24.6	87	83	77	61	80	79	77.8	.....
4..	57	56.99	57.17	55.67	56.34	57.33	56.75	26.5	24.5	29.8	31.3	26.5	25.6	27.4	33.4	24	74	87	66	61	80	84	75.3	1
5..	56.63	56.79	57.14	55.40	56.64	58.29	56.82	24.5	24.4	29.7	31.2	25.5	24.5	26.6	33.6	24.1	92	92	63	64	87	92	81.7	1.8
6..	57.18	57.50	58.08	56.93	57.10	58.93	57.62	24	24	31.8	29.3	24.7	24.3	26.4	33.8	23	92	96	59	71	92	93	83.8	1.5
7..	57.86	57.70	57.81	55.91	56.37	57.93	57.26	24.1	24	30.2	29.8	27.3	25.5	26.8	33.2	23.6	96	95	71	66	88	93	84.8	3.3
8..	56.61	56.55	57	55.31	56.08	57.06	56.44	24.8	23.9	30.5	29.1	25.6	23.6	26.2	34.1	23.4	91	96	70	76	90	93	86	1.3
9..	56.31	56.97	58.36	56.38	56.48	57.98	57.08	23.3	24.3	25.5	26.8	26.4	24.7	25.2	27.2	23.1	95	95	92	86	92	95	92.5	.3
10..	56.81	57.40	58.32	57.26	57.30	58.94	57.67	23.9	24	28.9	24.6	24.3	23.7	24.9	31.2	23.3	97	96	78	95	94	96	92.7	3.5
11..	57.31	57.82	58.47	56.36	57.51	59.25	57.79	23	23.2	29.4	31.5	24	23.7	25.8	33	22.7	97	97	76	60	94	96	86.7	11.2
12..	57.92	58.20	58.93	56.90	58.28	59.28	58.25	23.2	22.9	29.9	32	26.7	24	26.4	33.1	22.4	97	97	71	61	77	91	82.3	.....
13..	58.10	58.76	59.83	57.96	57.36	59.23	58.54	23.2	23.3	28.2	29.7	27.2	25.1	26.1	30.5	23	91	92	80	76	83	91	85.5	1.5
14..	58.23	58.41	59.26	57.48	58.89	60.20	58.74	24.5	24.1	30	29.9	24.2	23.3	26	32.1	22.6	94	95	75	74	94	96	88	12.2
15..	58.90	59.20	59.62	57.46	58.01	59.18	58.73	22.5	22.3	30.6	31.7	27.8	26	26.8	32.3	21.9	96	96	72	68	84	90	84.3	1.8
16..	58.99	58.05	58.36	56.26	56.66	58.01	57.72	24.7	23.6	29.7	31.6	28.5	26.7	27.5	32.2	23.5	91	97	72	66	80	87	82.2	.5
17..	56.68	57.35	57.85	56.05	57.41	59.43	57.46	25.3	24.7	30.8	32.6	27.7	23.6	27.4	33.6	23.1	93	94	68	68	32	93	83	9.6
18..	58.90	58.50	59.61	57.47	58.74	59.90	58.85	23.4	23	30	30.1	25.5	23.5	25.9	31.9	22.6	97	96	71	69	84	92	84.8	.....
19..	58.62	58.86	59.43	57.22	57.41	58.50	58.34	23.2	23	28.8	31.9	27.7	25	26.6	32.4	22.9	94	96	80	68	83	93	85.7	49.5
20..	57.50	58.54	58.99	56.28	57.21	58.33	57.81	23.8	23	27.1	30.2	27	25.7	26.1	31.3	22.9	96	97	85	77	87	93	89.2	4.8
21..	57.74	58.15	59.26	57.43	58.84	60.38	58.63	23.8	23.6	27.2	26.3	24.6	23.6	24.8	30.2	23.4	95	96	83	91	95	97	92.8	27.2
22..	59.10	59.14	59.32	57.73	58.78	59.62	58.95	23.4	23.4	28.1	29.3	25.2	24.6	25.7	31.2	23.1	96	96	77	76	95	96	89.3	14.5
23..	58.41	58.60	58.77	56.16	58.18	58.43	58.09	24.1	23.8	29.3	32	24.7	24.4	26.4	32.8	23.6	97	97	76	70	94	93	87.8	2.3
24..	57.69	58.59	59.31	55.88	56.36	57.98	57.64	23.8	23.7	28	30.7	27.8	25.2	26.5	32.2	23.2	97	97	81	72	82	91	86.7	.....
25..	56.67	57.05	57.37	55.16	55.71	57.43	56.56	24	23.9	29	29.5	27.8	25	26.5	30.3	23.5	96	97	71	75	81	95	85.8	16.7
26..	55.98	56.55	57.39	55.44	57.03	58.40	56.80	25	23.9	30.7	31.1	25.9	25.3	27	32.4	23.7	96	96	67	67	88	91	84.2	.....
27..	57.08	57.34	58.31	56.66	56.94	58.18	57.42	24.2	24	30.7	29.3	25.6	24.2	26.3	32.2	23.7	94	95	71	75	95	91	86.8	8.4
28..	57.09	57.05	57.93	55.75	56.82	58.48	57.19	24.5	24.2	29.7	28.5	26.8	25.1	26.5	32.2	23.6	92	91	72	78	87	92	85.3	29
29..	57.54	57.29	58.13	56.71	57.08	58.89	57.61	24.3	23.6	28.9	30.7	25	24.7	26.2	31.6	23.4	92	88	71	71	88	90	83.3	.8
30..	57.88	57.60	58.68	56.61	58.14	59.59	58.08	24.5	24.2	31.5	31.7	23.3	23.8	26.5	32.5	22.9	94	94	66	68	93	93	84.7	16.8
Mean	57.46	57.72	58.38	56.45	57.24	58.63	57.65	24.1	23.8	29.3	30	26.1	24.7	26.3	32.1	23.3	93.2	94.1	73.6	71.8	86.6	91.5	85.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	220.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Mean force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	S	3	S	2	S	2	SSE	2	S	2	Calm	....	1.8	9	A.-S.	SW S.-Cu.	SSW 10	Ci.-S.	S.-Cu. S
2..	Calm	....	S	2	S	3	S	3	Calm	....	Calm	....	1.3	10	Ci.-S.	W N. SSW	10	Ci.-S.	WSW S.-Cu. SSW
3..	S	2	Calm	....	S	2	Calm	....	Calm	....	Calm	....	.7	9	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-Cu. SSW
4..	Calm	....	Calm	....	Calm	....	WNW	2	Calm	....	Calm	....	.3	10	Ci.-S.	Fr.-N.	8	Ci.-S.	N Fr.-Cu. NW
5..	Calm	....	Calm	....	Calm	....	NNW	2	Calm	....	Calm	....	0	4	Ci.	ENE	10	Ci.-S.	N. WNW
6..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	.7	8	Ci.-S.	S.-Cu.	10	Ci.-S.	N.
7..	Calm	....	Calm	....	S	2	NNW	2	Calm	....	Calm	....	0	8	Ci.-S.	Fr.-S.	10	Ci.-S.	Cu.-N. SE
8..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	10	A.-Cu.	S.-Cu.	10	Ci.-S	N. WSW
9..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	8	A.-Cu.	Fr.-Cu. SW	10	Ci.-S.	N. SE
10..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	10	Ci.-S.	S.-Cu.	7	Ci.-S.	SW Cu. S
11..	Calm	....	Calm	....	Calm	....	SSE	2	Calm	....	Calm	....	.3	10	Ci.-S.	S.-Cu.	7	Ci.-S.	SW Cu. S
12..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	9	Ci.-S.	.....	4	Ci.	Cu. NNE
13..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	10	Ci.-S.	Fr.-N.	10	A.-Cu.	Fr.-Cu. ENE
14..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	8	A.-Cu.	Fr.-S. E	7	Ci.-S.	E Fr.-N. NE
15..	Calm	....	Calm	....	Calm	....	NNW	2	Calm	....	Calm	....	.3	1	.....	S. NW	2	Ci.-S.	Cu. N
16..	Calm	....	Calm	....	Calm	....	NNW	2	Calm	....	Calm	....	.3	5	A.-Cu.	S.-Cu.	2	Ci.-S.	NE Fr.-Cu. N
17..	Calm	....	Calm	....	SSE	2	NE	2	Calm	....	Calm	....	.7	10	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. NE
18..	Calm	....	Calm	....	NNW	2	NNW	1	Calm	....	Calm	....	.5	3	Ci.-Cu.	NE	5	Ci.	E Cu. N
19..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	9	Ci.-S.	S.-Cu.	NNE 5	Ci.-S.	Cu. ENE
20..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	10	Ci.-S.	N. NNE	8	Ci.-S.	Fr.-Cu. NE
21..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	10	A.-S.	.....	10	Ci.-S.	N. W
22..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	9	A.-S.	.....	9	A.-Cu.	Cu. SSW
23..	Calm	....	Calm	....	SE	2	Calm	....	SE	2	Calm	....	.7	10	Ci.-S.	S.-Cu.	ENE 3	Ci.	Cu. NE
24..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	10	A.-S.	.....	7	Ci.	ESE Cu.-N. NNE
25..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	10	A.-S.	S.-Cu.	8	Ci.-S.	S.-Cu. N
26..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	10	A.-S.	.....	8	A.-Cu.	NNW Cu. NW
27..	Calm	....	Calm	....	W	1	Calm	....	Calm	....	Calm	....	.2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. SSE
28..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	7	Ci.-S.	Cu. S	10	Ci.-S.	Cu.-N. SSW
29..	Calm	....	Calm	....	SSE	2	Calm	....	Calm	....	Calm	....	.3	10	A.-S.	SW	10	Ci.-S.	S.-Cu. S
30..	Calm	....	Calm	....	Calm	....	NNW	2	ESE	2	Calm	....	.7	9	A.-Cu.	.....	2	Ci.-S.	Cu. N
Mean	.....	0.2	.....	0.1	.....	0.6	.....	0.8	.....	0.2	.....	0	0.3	8.5	.....	.....	7.7	.....	.....

NOTE: The records of wind observations from September to December do not seem to be reliable.

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.7 meters; gravity correction not applied, —1.81 mm.]

OCTOBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	58.95	58.67	60.08	57.27	58.16	59.30	58.74	23.7	23	27.5	29.8	27.2	24.8	26	31.3	22.8	94	96	85	75	78	92	86.7	.....
2..	58.20	58.39	59.26	56.48	57.45	58.96	58.12	24.5	23.9	29.2	29.8	25.8	23.9	26.2	31.3	23.6	94	94	75	71	89	95	86.3	15
3..	57.99	58.02	58.63	56.46	56.89	58.49	57.75	23.8	23.8	29.5	29.3	27.5	25.2	26.5	30.7	23.5	96	97	72	73	77	92	84.5	.....
4..	57.24	57.35	57.98	55.56	56.13	57.35	56.94	24.6	24	27.2	28.6	27.6	25.3	26.2	29.6	23.6	93	96	81	78	75	87	85	2.6
5..	55.34	55.85	56.40	54.31	54.70	55.34	55.32	24	23.6	26	27.8	25.1	23.9	25.1	28.3	23.4	91	95	85	80	90	93	89	6.9
6..	53.89	54.70	55.29	53.12	53.76	55.09	54.31	23.5	23.7	24.6	25.7	24.3	23.7	24.2	26.2	23.2	95	95	93	90	95	96	94	27.5
7..	53.56	53.84	54.43	53.38	54.12	55.55	54.15	23.5	23.9	28.4	26.4	25.7	24.7	25.4	30.5	23.2	96	95	77	88	88	86	88.3	2.3
8..	54.41	55.29	56.68	54.66	56.25	57.44	55.79	24.6	23.7	28.4	29	25.5	24.5	26	30.6	23.5	87	94	75	76	93	95	86.7	3.3
9..	55.59	57.15	58.28	56.24	56.97	58.78	57.17	24	23.9	27.5	29	27	25.5	26.2	30	23.7	96	97	80	76	83	92	87.3	.5
10..	57.18	57.72	58.76	57.16	57.94	59	57.96	24.6	23.9	29.7	26	24.7	24	25.5	30.7	23.2	95	97	73	89	92	96	90.3	3.3
11..	58.15	58.57	59.02	56.71	58.04	59.73	58.37	23.2	23	29	29.7	27.2	25.5	26.3	32.6	22.6	95	96	76	75	87	93	87	9.9
12..	58.50	58.53	59.26	57.32	58.27	59.62	58.58	24.7	24.5	30	30.4	27.2	25.4	27	31.3	24.3	96	96	78	76	87	93	87.7	8.6
13..	58.64	59.42	60.69	58.51	58.93	60.49	59.45	24.8	25	25	29.1	26	24.7	25.8	30.6	23.9	96	97	94	77	92	94	91.7	18.1
14..	59.27	59.49	59.73	57.21	58.46	59.77	58.99	23.7	23.5	30	31.8	24.7	23.9	26.3	32.4	23.2	97	97	78	71	89	95	87.8	.3
15..	58.86	58.74	59.08	57.16	57.39	58.90	58.36	23.3	23.6	30.2	31.4	27.2	25.3	26.8	32.6	23.1	96	97	70	70	86	93	85.3	17.1
16..	57.78	58.44	58.86	55.96	57.09	57.70	57.64	23.7	23.5	30	31.5	27.7	25.5	27	32.1	22.9	94	96	75	67	85	91	84.7	.....
17..	56.41	56.38	57.46	54.82	55.62	57.04	56.29	25.6	25.8	29	31.4	27.3	26.6	27.6	32.3	25	89	89	78	70	84	84	82.3	.....
18..	55.99	56.28	57.22	54.91	56.14	57.53	56.34	26.2	26.1	31.2	31.3	27.4	25.4	27.9	32.5	24.8	88	89	71	70	86	92	82.7	3.8
19..	56.36	56.89	57.94	55.51	56.48	58.03	56.87	25.5	24.7	27.4	30.5	27.2	24.7	26.7	31.4	23.4	96	97	89	73	89	94	89.7	77.3
20..	56.90	57.45	58.04	56.03	56.93	58.06	57.24	23.8	23.6	26	28.9	26.6	25.3	25.7	31.2	23.1	97	97	92	77	93	95	91.8	2.5
21..	56.89	57.56	58.18	56	57.08	58.35	57.34	24.7	24.3	29.3	29.1	27	25.2	26.6	32	24.1	97	97	81	78	90	92	89.2	10.1
22..	57.44	57.81	58.59	56.23	57.52	58.88	57.74	24.2	24.2	29.2	31	25	24.6	26.4	32.2	24	96	96	81	71	92	95	88.5	9.2
23..	57.53	58.35	59.05	56.62	57.59	58.61	57.96	24.4	24.1	30	29.5	26.8	25.2	26.7	31.2	23.9	96	97	78	76	90	94	88.5	4.1
24..	57.94	58.39	58.28	56.56	57.04	58.25	57.74	24.7	24.5	28.9	31.6	27.1	24.3	26.8	31.9	23.7	97	97	80	68	87	93	87	59.9
25..	57.55	58.35	58.08	55.77	56.57	58.17	57.42	24.1	23.5	29.9	31.6	27.5	25.9	27.1	32.3	23.3	95	97	74	70	87	94	86.2	4.3
26..	56.81	57.43	57.87	55.06	56.12	57.60	56.82	24.7	24.3	29.1	32.3	27.5	25.2	27.2	32.6	23.1	96	97	81	69	84	92	86.5	85.9
27..	56.31	56.99	57.52	54.91	56.19	57.50	56.57	24	23.8	30.8	32.1	26.6	24.7	27	32.6	23.6	97	97	72	69	83	94	85.3	.8
28..	56.36	57.72	58.61	56.61	57.76	59.36	57.74	23.8	23.8	30.7	32	27.5	25.8	27.3	32.5	23.4	97	97	69	69	87	92	85.2	9.9
29..	58.24	58.59	59.48	57.23	58.18	59.11	58.47	24.7	24	30.2	30	25.7	24.8	26.6	32	23.8	94	96	74	77	94	96	88.5	14
30..	57.68	57.78	58.58	56.76	57.53	58.30	57.77	25.8	24.6	26.7	29	27.3	26.9	26.7	31.1	24.4	94	97	89	78	86	83	87.8	5.6
31..	56.94	57.21	58.11	56.41	56.99	57.49	57.19	25.9	25	30.7	25.6	24	23.9	25.8	31.9	23.6	85	96	74	91	97	97	90	86.6
Mean	57.06	57.53	58.24	56.03	56.91	58.19	57.33	24.4	24.1	28.8	29.7	26.5	25	26.4	31.3	23.6	94.4	95.8	79	75.4	87.6	92.6	87.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	489.4

Day.	Wind.												Mean force.	Clouds.						
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.				2 p.m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction.			Amount.	Form and direction.	
															Upper.	Lower.			Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*				*0–10*		
1..	Calm	....	Calm	....	Calm	....	WNW	2	Calm	....	Calm	....	0.3	9	Ci.-S.	Cu.		9	Ci.-S.	Fr.-Cu. NW
2..	Calm	....	Calm	....	SW	1	WNW	1	Calm	....	Calm	....	.3	10	A.-S.	.....		9	Ci.-S.	S.-Cu. NW
3..	Calm	....	Calm	....	WNW	2	WNW	2	Calm	....	Calm	....	.7	10	A.-S.	S.-Cu. ESE		10	Ci.-S.	Cu. NW
4..	Calm	....	Calm	....	Calm	....	Calm	....	W	2	Calm	....	.3	10	A.-S.	S.-Cu.		10	Ci.-S.	N. W
5..	Calm	....	Calm	....	SW	1	SW	2	SW	2	Calm	....	.8	10	Ci.-S. N	S.-Cu. WNW		10	A.-S. W	S.-Cu. WSW
6..	SW	1	Calm	....	SW	1	S	1	Calm	....	S	1	.7	10	Ci.-S. NW	N. WSW		10	Ci.-S. W	N. SSW
7..	S	2	Calm	....	S	1	NW	2	Calm	....	S	1	1	9	Ci.-S. W	Fr.-N. SSW		10	Ci.-S.	N. WSW
8..	S	1	Calm	....	Calm	....	S	1	Calm	....	Calm	....	.3	9	Ci.-S. W	S.-Cu. SSW		9	Ci.-S. W	Fr.-Cu.SSW
9..	Calm	....	Calm	....	SSW	1	SW	1	Calm	....	Calm	....	.3	10	Ci.-S.	S. SSW		9	Ci.-S.	Fr.-Cu. SW
10..	Calm	....	Calm	....	W	1	Calm	....	Calm	....	Calm	....	.2	10	A.-Cu. SW	.....		10	Ci.-S.	N. W
11..	Calm	....	Calm	....	Calm	....	ENE	2	Calm	....	Calm	....	.3	7	Ci.-Cu. NW	.....		3	Ci.-S.	Cu. E
12..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	10	Ci.-S.	S.-Cu. E		4	Ci.-S.	Fr.-Cu. NE
13..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	10	Ci.-S. SSE	N. E		10	A.-Cu.	S.-Cu. NNE
14..	Calm	....	Calm	....	ESE	1	NNE	1	Calm	....	Calm	....	.3	8	A.-Cu.	S.-Cu. SSW		8	Ci.-S.	Cu.
15..	Calm	....	Calm	....	Calm	....	NE	2	Calm	....	Calm	....	.3	7	A.-Cu.	Cu. SE		8	Ci.-S.	Cu.-N. ENE
16..	Calm	....	Calm	....	NE	2	NE	2	Calm	....	Calm	....	.7	5	Ci.-S.	S.-Cu. E		2	Ci.	Cu. ENE
17..	Calm	....	Calm	....	NE	2	NNE	1	Calm	....	Calm	....	.5	7	Ci.-S. ESE	S.-Cu. NE		8	Ci.-S. ESE	Cu. NE
18..	Calm	....	Calm	....	NNE	1	Calm	....	Calm	....	Calm	....	.2	7	Ci.-S. ESE	Cu.-N. NE		4	Ci.-S. ENE	Cu. N
19..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	10	Ci.-S. ENE	N.-cf. N		9	Ci.-S.	Cu. N
20..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	9	Ci.-S.	S.-Cu. NE		9	Ci.-S.	S.-Cu. NE
21..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	8	Ci.-S.	Cu. NE		7	Ci.-S.	Cu.-N. NE
22..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	10	Ci.-S.	S.-Cu. SE		7	Ci.-S.	Cu. E
23..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	9	Ci.-S.	S.-Cu. ESE		10	Ci.-S.	S.-Cu. ENE
24..	Calm	....	Calm	....	Calm	....	E	2	Calm	....	E	2	.7	10	A.-S.	S.-Cu. ENE		6	Ci.-S.	Fr.-Cu. ESE
25..	Calm	....	Calm	....	Calm	....	NE	1	Calm	....	Calm	....	.2	9	Ci.-S.	S.-Cu. ESE		3	Ci. SSE	Cu. ENE
26..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	9	Ci.-S.	S.-Cu. ENE		5	Ci.-S.	Cu. ENE
27..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	3	Ci.-S.	S.-Cu. ESE		4	Ci.-S. E	Cu. NNE
28..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	2	Ci.-S.	Cu.		3	Ci.-S.	Fr.-Cu. ENE
29..	Calm	....	Calm	....	NE	2	Calm	....	Calm	....	Calm	....	.3	5	Ci.-S.	Cu. ENE		10	A.-Cu. NE	Cu. NNE
30..	Calm	....	Calm	....	NNE	2	NE	2	Calm	....	NE	1	.8	10	Ci.-S.	S.-Cu. NNE		10	Ci.-S.	Cu. ENE
31..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	10	Ci.-S.	Cu. ENE		10	Ci.-S.	N. NE
Mean	.....	0.1	.....	0	.....	0.6	.....	0.8	.....	0.1	.....	0.2	0.3	8.5	.....	.....		7.6	.....	.....

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.7 meters; gravity correction not applied, —1.81 mm.]

NOVEMBER, 1917.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	56.47	56.55	58.08	55.75	56.06	57.02	56.66	23.6	23.5	28.9	29.8	27.4	26.5	26.6	31.1	23.2	98	98	82	77	87	85	87.8	.....
2..	56.50	56.92	57.91	55.81	57.17	57.58	56.98	26.5	26.3	28.8	29.4	27.1	25.7	27.3	31.9	25.3	86	87	79	79	79	88	83	2.5
3..	56.90	57.33	58.19	56.21	56.93	58.34	57.32	25.6	25.5	28.5	31	27.4	26.5	27.4	32.1	24.6	87	90	79	68	83	86	82.2	1.3
4..	56.98	58	58.83	57.18	58.18	59.34	58.08	25.6	25.3	28.1	30.3	27	24.7	26.8	30.7	24.3	93	93	85	76	88	94	88.2	6.2
5..	58.55	58.58	59.19	57.42	57.49	58.98	58.37	24.6	25.8	27.6	26.8	25	25.7	25.9	28.6	24.2	97	93	82	86	90	87	89.2	17
6..	57.65	58.35	59.67	57.33	57.98	58.99	58.33	24.6	25.6	28.4	27.7	26.3	26	26.4	29.2	24.4	96	89	78	77	82	88	85	.6
7..	57.98	58.58	59.36	57.47	58.55	60.03	58.66	25.8	25.5	28.8	29.5	24.4	25	26.5	30.6	23.9	89	92	80	75	92	96	87.3	4.1
8..	58.58	59.24	60.03	57.32	57.92	58.59	58.61	24.8	24.3	29.6	30.6	27.2	26.6	27.2	31.7	24.1	96	97	71	72	86	86	84.7	.....
9..	56.98	57.28	57.58	54.99	54.76	55.87	56.24	26.5	26.5	28.2	25.9	25.6	23.5	26	28.9	22.8	87	88	81	93	93	96	89.7	63.1
10..	55.85	56.70	57.88	55.36	57.06	58.30	56.86	23.8	24	28.5	31.1	24.7	24.3	26.1	32.1	23	97	95	80	70	94	96	88.7	30
11..	56.62	57.30	58.48	56.26	57.18	58.90	57.46	23.5	23	27.5	30.2	26.9	25.5	26.1	31.2	22.8	97	97	85	74	85	94	88.7	58.5
12..	57.76	58.26	59.54	56.52	57.43	59.25	58.13	24.1	23.8	27.1	29.7	27.4	25	26.2	31.1	23.5	96	97	90	77	85	96	90.2	10.1
13..	58.06	58.69	59.58	57.37	57.58	58.83	58.35	25.6	26	29.1	28.6	26.4	24.5	26.7	30.8	24.1	93	89	78	81	90	96	87.8	29.5
14..	57.03	57.16	57.83	56.14	56.44	57.25	56.98	26.2	26	27.8	25	26.5	25.5	26.2	28.4	24.8	89	88	83	95	86	92	88.8	5.6
15..	56.13	56.68	57.82	55.57	55.98	57.19	56.56	25.6	25.7	28.3	30.1	26.9	26.7	27.2	31.5	25.2	89	91	84	75	86	87	85.3	.....
16..	56.39	56.40	57.68	55.86	57.04	58.17	56.92	26	26.3	25.6	24.7	23.7	23.2	24.9	28.1	22.9	87	86	94	97	97	98	93.2	78.7
17..	57.19	57.47	58.16	55.99	56.85	57.81	57.24	23.6	23.8	28.7	26	24.7	24.5	25.2	29	22.9	98	97	80	92	96	97	93.3	33.8
18..	57	57.51	58.04	55.90	57.39	58.13	57.33	24.1	23.7	29.9	31.6	25.6	24.4	26.6	32.2	23.4	98	97	67	65	93	94	85.7	2.8
19..	56.95	56.87	58.28	56.21	57.13	58.21	57.28	23.7	23.7	29.8	25.1	26	24.5	25.5	31.1	23.5	97	96	73	91	88	94	89.8	.5
20..	57.27	58.26	59.13	56.83	57.90	59.29	58.11	23.5	23.5	30.6	28.7	25.9	24.7	26.2	31.9	23.2	96	96	72	81	95	96	89.3	16.3
21..	57.96	59.01	59.77	57.83	58.47	59.13	58.70	24.2	24	27.9	30.7	27.3	26.8	26.8	31.3	23.7	97	97	85	74	85	87	87.5	6.1
22..	58.38	58.69	59.38	57.27	58.29	58.89	58.48	24.3	24.5	30.1	29.5	26.8	26.5	27	31.5	24.1	95	97	77	79	86	88	87	.....
23..	57.66	57.89	58.83	56.11	57.10	58.68	57.71	25.6	25.7	28.9	28.1	25.9	24.8	26.5	30.1	24.5	88	89	76	78	88	94	85.5	1.1
24..	56.70	57	58.27	55.83	56.85	57.33	57	25.5	25.3	30.1	26.8	25.7	25.4	26.5	30.8	23.3	92	89	75	90	90	94	88.4	43.4
25..	56.17	56.86	58.45	56.17	57.61	58.92	57.36	23.6	23.5	27	28.5	23.9	23.8	25	28.9	23	97	97	88	81	96	97	92.7	3.1
26..	57.61	58.27	59.47	56.76	57.73	58.95	58.13	23.7	23.6	28.3	30.2	26.5	25.4	26.3	30.7	23.4	98	98	82	71	90	95	89	.3
27..	57.43	58.20	59.07	56.52	57.69	58.73	57.94	24.3	24	27.3	29.2	25	24.3	25.7	30.6	23.7	97	97	84	80	93	97	91.3	3
28..	57.96	59.15	59.92	57.96	58.88	59.99	58.98	23.7	23.2	29.2	30.7	26.9	25.2	26.5	31.9	23	98	98	80	74	89	95	89	51.8
29..	59.35	59.78	60.89	59	59.67	60.93	59.94	23.7	24	27.7	31	27	25.5	26.5	31.2	23.2	97	98	88	73	88	93	89.5	.....
30..	59.67	59.91	60.66	58.62	58.91	59.88	59.61	25.4	25.2	28.5	30.5	26.6	25.2	26.9	31	24.9	93	94	83	73	87	93	87.2	1.3
Mean	57.39	57.90	58.87	56.65	57.47	58.58	57.81	24.7	24.7	28.5	28.9	26.1	25.2	26.4	30.7	23.8	93.9	93.7	80.7	79.1	88.9	92.6	88.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	470.7

Day.	Wind.												Mean force.	Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction.		Amount.	Form and direction.	
															Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	Calm	....	Calm	....	Calm	....	NE	1	Calm	....	Calm	....	0.2	6	Ci.-S.	Cu. ENE	9	Ci.-S.	Fr.-Cu. ENE
2..	Calm	....	Calm	....	NE	2	NE	2	ENE	3	Calm	....	1.2	8	Ci.-S. SE	S.-Cu. ENE	9	Ci.-S. SE	Fr.-Cu. ENE
3..	Calm	....	NE	1	NE	2	NE	2	Calm	....	Calm	....	.8	8	A.-Cu. E	S.-Cu. ENE	3	Ci.-S. E	Cu. ENE
4..	Calm	....	NE	1	NE	1	NE	2	Calm	....	Calm	....	.7	10	A.-S. E	.....	7	A.-Cu. E	Fr.-Cu. ENE
5..	Calm	....	Calm	....	NE	2	NE	2	NE	2	NE	2	1.3	10	Ci.-S.	N. ENE	10	Ci.-S. SE	Fr.-N. ENE
6..	Calm	....	NE	1	NE	2	NE	3	NE	1	NE	2	1.5	9	Ci.-S. SE	S.-cf. ENE	10	Ci.-S. SE	Fr.-N. ENE
7..	Calm	....	Calm	....	NE	2	E	3	Calm	....	Calm	....	.8	9	Ci.-S.	S.-cf. ENE	10	Ci.-S.	Fr.-Cu. E
8..	Calm	....	Calm	....	Calm	....	N	1	Calm	....	Calm	....	.2	3	Ci.-Cu.	Cu. ENE	4	Ci.-S.	Fr.-Cu. NNE
9..	Calm	....	Calm	....	N	2	NNW	2	Calm	....	S	2	1	8	Ci.-S. E	S.-Cu. NNE	10	Ci.-S. ENE	N. N
10..	Calm	....	Calm	....	Calm	....	NE	2	Calm	....	Calm	....	.3	7	Ci.-S. SW	S.-Cu. SSE	5	Ci.-S.	Cu. ENE
11..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	2	.....	Cu.	3	Ci.	Fr.-Cu. ENE
12..	Calm	....	Calm	....	Calm	....	WNW	3	N	2	N	3	1.3	9	A.-Cu. NNE	S. N	9	Ci.-S.	Fr.-Cu. NW
13..	N	3	N	3	NNW	2	NNW	2	NNW	3	NNW	1	2.3	10	Ci.-S.	S.-cf. N	10	A.-S. NNE	.....
14..	NNW	2	NNW	2	NNW	3	NNW	3	Calm	....	Calm	....	1.7	8	A.-Cu. NNE	Fr.-Cu. N	10	Ci.-S. ENE	N. N
15..	Calm	....	Calm	....	NE	2	Calm	....	Calm	....	N	2	.7	10	Ci.-S. SE	N.-cf. ENE	7	A.-Cu. NE	Cu. NNE
16..	Calm	....	N	2	NE	2	NE	2	Calm	....	Calm	....	1	10	Ci.-S.	Fr.-N. NNE	10	Ci.-S.	N. ENE
17..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	10	Ci.-S.	S.-Cu. SE	10	Ci.-S.	Fr.-N. ESE
18..	Calm	....	Calm	....	SSE	2	SSW	1	Calm	....	Calm	....	.5	8	A.-Cu.	.....	7	Ci.-Cu. W	Cu. SW
19..	Calm	....	Calm	....	Calm	....	SSE	2	Calm	....	Calm	....	.3	5	Ci.-S.	Fr.-Cu. S	10	Ci.-S.	Fr.-N. S
20..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	1	Ci.-S.	.....	10	A.-S. N	.....
21..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	N	2	.3	7	Ci.-S.	Fr.-Cu. ENE	3	.....	Fr.-Cu. N
22..	Calm	....	Calm	....	N	2	NE	2	Calm	....	Calm	....	.7	8	Ci.-Cu.	Cu. NNE	10	Ci.-S.	Cu. NE
23..	Calm	....	Calm	....	NE	2	Calm	....	Calm	....	Calm	....	.3	9	A.-S.	S.-Cu. ENE	10	Ci.-S.	S.-Cu. E
24..	Calm	....	Calm	....	NE	2	Calm	....	Calm	....	Calm	....	.3	8	A.-Cu.	S.-Cu. NE	10	Ci.-S.	Fr.-N. ENE
25..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	10	A.-Cu.	S.-Cu.	10	A.-Cu.	S.-Cu. SE
26..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	10	A.-Cu.	S.-Cu.	9	Ci.-S.	Cu.
27..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	9	A.-Cu.	S.-Cu.	8	Ci.-S.	Cu. ENE
28..	Calm	....	Calm	....	Calm	....	NE	1	Calm	....	Calm	....	.2	6	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu. ENE
29..	Calm	....	Calm	....	Calm	....	NE	1	Calm	....	Calm	....	.2	7	Ci.-S.	Cu.	2	Ci.	Cu. ENE
30..	Calm	....	Calm	....	NE	2	NE	1	Calm	....	Calm	....	.5	4	Ci.-S.	Cu. ENE	6	Ci.	Cu. ENE
Mean	.....	0.2	.....	0.3	.....	1.1	.....	1.3	.....	0.4	.....	0.5	0.6	7.6	.....	.....	7.8	.....	.....

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.7 meters; gravity correction not applied, —1.81 mm.]

DECEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.98	59.52	60.57	58.01	58.62	59.87	59.26	24.4	24.3	30.7	30.4	26.2	24.5	26.8	31.5	23.5	97	97	72	69	87	94	86	.....
2..	59.07	59.64	60.31	57.97	59.01	59.91	59.32	23.3	22.7	30.4	30.3	26.6	24.9	26.4	31.2	22.5	96	98	72	70	86	92	85.7	.....
3..	58.71	59.57	60.63	58.66	58.94	59.73	59.37	24.5	24.6	29.5	30	27	26	26.9	31.7	24.2	95	96	79	75	89	91	87.5	10.9
4..	59.19	59.52	60.76	58.76	59.18	60.39	59.63	24.5	25.2	29.7	30.7	27.1	27.1	27.4	31.3	24	94	88	73	65	83	78	80.2	.....
5..	59.24	59.33	59.71	57.65	58.72	58.95	58.93	25.8	25.9	30.3	31.4	27.3	26.3	27.8	32	24.8	87	85	73	65	82	89	80.2	1.8
6..	57.39	57.88	58.26	55.77	56.36	57.56	57.20	25.9	25.5	29.7	28	27	22.9	26.5	31.3	22	90	88	75	84	84	94	85.8	14.6
7..	55.17	55.99	56.74	54.63	55.43	56.14	55.68	23.8	23.7	30	27.4	26.4	26.1	26.2	30.6	23.1	95	97	78	88	89	89	89.3	6.4
8..	54.29	55.14	56.60	54.45	55.18	56.31	55.33	25.9	24.7	25	26	25.5	24.7	25.3	26.3	24.4	88	96	97	94	96	97	94.7	73.1
9..	55.54	56.37	57.40	55.38	57.92	58.68	56.88	24.7	24.3	28	28.7	25.4	24	25.8	30.9	23.6	97	97	81	81	90	96	90.3	24.1
10..	57.47	57.69	58.18	55.77	56.43	57.59	57.19	23.7	23.1	29.3	30.5	27.4	26.8	26.8	31.3	22.9	97	97	79	72	86	89	86.7	.3
11..	56.90	57.02	58.28	55.52	56.34	57.63	56.95	24.5	23.7	27.8	30	26.4	25.4	26.3	30.2	23.6	92	94	84	73	87	92	87	.5
12..	56.45	57.15	58.39	56.85	57.27	58.20	57.38	24	23.6	28.4	30.5	27	25.7	26.5	30.9	23.4	96	96	81	70	84	91	86.3	1.1
13..	57.55	57.93	58.70	57.08	57.54	58.95	57.96	26	24.8	30	30.6	26.7	25.1	27.2	31.4	24.6	89	93	74	70	80	92	83	.....
14..	57.78	57.61	59.48	57.72	57.34	58.71	58.11	24.5	24	30.2	30.7	26.8	25	26.9	31.7	23.8	95	96	75	69	84	92	85.2	.....
15..	57.79	58.29	59.29	57.22	57.33	58.70	58.10	25.8	25	28.8	29.6	27	26.7	27.2	31.3	24.8	90	95	78	75	85	84	84.5	.....
16..	57.40	57.25	58.41	56.16	56.79	57.42	57.24	25.4	24.5	30	30	27.1	26.3	27.2	31.3	24.3	90	95	71	69	83	91	83.2	3.6
17..	56.25	57.19	58.18	56.13	57.54	58.43	57.29	26.1	25.2	29.7	30.3	26.3	26.1	27.3	31.2	24.8	91	94	73	68	84	86	82.7	.5
18..	57.17	58.15	59.20	57.23	58.17	58.88	58.13	26.1	25.1	29.3	30.4	27.2	26.5	27.4	31.6	24.9	86	90	74	72	83	84	81.5	1
19..	58.18	58.56	59.22	57.33	57.85	58.93	58.34	26	25.3	29.9	30	25.2	25.9	27	30.3	24.6	86	88	73	75	93	88	83.8	22.6
20..	57.70	58	58.78	56.73	57.62	58.65	57.91	23.7	23.6	28.7	30.7	27.3	26.5	26.8	31	23.2	95	97	80	68	82	87	84.8	.3
21..	57.54	58.40	58.81	56.52	57.19	58.19	57.78	25.3	23.9	29.5	30.4	26.5	26.2	27	31.5	23.6	92	95	75	64	82	87	82.5	.....
22..	57.38	58.06	59.26	57.07	57.27	58.44	57.91	25.8	24.3	28.9	30.5	27	26.7	27.2	31.4	24.1	87	93	75	69	81	80	80.8	.....
23..	57.09	57.49	58.65	56.71	57.18	58.87	57.66	25.7	25.3	29.5	30.3	27.1	25.8	27.3	31.3	24.6	86	89	75	70	83	87	81.7	.....
24..	57.28	57.41	58.34	55.98	56.83	57.76	57.27	24.4	25.8	27.4	27.3	24.5	24.3	25.6	27.8	23.8	92	89	81	82	96	97	89.5	5.9
25..	56.46	56.53	57.53	55.23	55.59	57.05	56.40	24.9	25.2	28	29.6	26.5	25.6	26.6	31	24.1	92	90	80	76	83	89	85	81.3
26..	55.51	55.95	57.11	55.19	55.75	56.57	56.01	24.7	23.8	24	25	25.4	25.1	24.7	25.8	23.5	96	98	97	97	92	87	94.5	276.4
27..	55.67	55.80	57.90	55.90	56.25	57.50	56.50	24.1	24.5	24.4	25.6	24.8	24.9	24.7	25.9	23.7	96	93	95	93	92	87	92.7	13.5
28..	56.75	56.67	58.25	56.20	56.61	58.16	57.11	24.2	23.9	24.8	24.9	24.8	24	24.4	25.2	23.7	94	95	90	90	87	93	91.5	4.6
29..	57.17	57.41	58.83	56.63	56.89	57.90	57.47	24.1	24.3	26.5	26.5	25.1	24.4	25.2	27.3	23.7	92	91	86	84	92	96	90.2	.3
30..	56.75	57.04	58.33	56.52	57.46	58.85	57.49	24.7	24.9	26.1	28.5	25.1	24.8	25.7	29.1	24.1	94	92	89	78	94	87	89	5.6
31..	58	58.39	59.67	57.90	58.49	59.88	58.72	24.7	24.5	24.7	25.4	24.5	24.3	24.7	25.6	23.7	87	91	92	84	87	91	88.7	2.5
Mean	57.22	57.64	58.70	56.61	57.26	58.35	57.63	24.9	24.5	28.4	29	26.3	25.4	26.4	30	23.9	92.1	93.3	79.9	76.1	86.6	89.6	86.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	550.9

Day.	Wind.													Clouds.						
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Mean force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.	
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*			
1..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	3	.....	Cu. ENE	3	Ci.-S.	Cu. ENE	
2..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	7	Ci.-S.	S.-Cu.	3	Ci.	.....	
3..	Calm	....	Calm	....	NE	2	Calm	....	Calm	....	Calm	....	.3	10	Ci.-S.	S.-Cu. NNE	7	Ci.-S.	S.-Cu. NNE	
4..	Calm	....	ENE	2	NE	2	Calm	....	Calm	....	NE	3	1.2	1	.....	Fr.-Cu. E	1	Ci.-S.	Fr.-Cu. ENE	
5..	Calm	....	NE	2	NE	2	NE	2	Calm	....	Calm	....	1	9	A.-Cu. ENE	Fr.-Cu. NE	3	Ci. SSE	Cu. ENE	
6..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	7	Ci.	Fr.-Cu. NE	10	Ci.-S.	N.-cf. NNE	
7..	Calm	....	Calm	....	N	2	NE	1	N	1	NE	1	.8	8	Ci.-S. SE	Fr.-N. ENE	10	A.-S. E	.....	
8..	N	1	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	.2	10	Ci.-S.	Fr.-N. NNE	10	A.-S. E	.....	
9..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	10	A.-S.	.....	9	Ci.-S.	Cu.-N.ENE	
10..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	5	A.-Cu.	Cu.	2	Ci.-S.	Fr.-Cu.NE	
11..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	6	Ci.-S.	Cu.	3	Ci.-S.	Fr.-Cu. N	
12..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	3	Ci.-Cu.	S.-Cu. N	3	Ci.-Cu.	Fr.-Cu. NNE	
13..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	3	Ci.-S.	S.-Cu. E	1	.....	Cu. E	
14..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	3	Ci.-S.	S.-Cu. NE	1	.....	Fr.-Cu. NNE	
15..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	8	Ci.-S.	N. N	3	Ci.-S.	Fr.-Cu. N	
16..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	5	Ci.-S.	Cu. NNE	5	Ci.-S.	Fr.-Cu. NE	
17..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	5	Ci.	Cu. NE	3	Ci.-S.	Fr.-Cu.NE	
18..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	8	A.-Cu. ENE	S.-Cu. NE	6	Ci.-S.	Cu. ENE	
19..	Calm	....	Calm	....	NNE	2	NNE	2	Calm	....	Calm	....	.7	3	Ci.-S.	Cu. NE	7	Ci.-S.	Cu. NE	
20..	Calm	....	Calm	....	NE	2	NE	2	Calm	....	Calm	....	.7	8	Ci.-S.	S.-cf. NE	2	Ci.	Fr.-Cu. ENE	
21..	Calm	....	Calm	....	NE	2	NE	1	Calm	....	Calm	....	.5	8	Ci.-S.	Fr.-Cu. ENE	3	Ci.-S.	Cu. ENE	
22..	Calm	....	Calm	....	NE	1	Calm	....	Calm	....	Calm	....	.2	5	Ci.-S.	S.-Cu. ENE	3	Ci.-S.	Cu. NNE	
23..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	3	Ci.-S.	S.-Cu. ENE	2	Ci.-S.	Cu. NNE	
24..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	10	A.-Cu.	S.-Cu. NNE	10	Ci.-S.	N.-cf. NNE	
25..	Calm	....	Calm	....	NNE	1	NNE	1	Calm	....	Calm	....	.3	10	A.-Cu.	Fr.-Cu.NE	3	Ci.-Cu.	Fr.-Cu. NE	
26..	Calm	....	Calm	....	NNW	2	Calm	....	NNW	1	NE	2	.8	10	Ci.-S.	N. NE	10	Ci.-S.	Fr.-N. N	
27..	NE	2	NNE	2	Calm	....	NNE	2	NNE	2	NNE	2	1.7	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	N. NE	
28..	NNE	2	NNE	1	NNE	2	NNE	2	N	2	Calm	....	1.5	10	Ci.-S.	Fr.-N. NE	10	A.-S. ENE	.....	
29..	Calm	....	N	2	Calm	....	N	2	Calm	....	Calm	....	.7	10	Ci.-S.	Fr.-N.NNE	10	Ci.-S.	Fr.-N. NNE	
30..	Calm	....	Calm	....	Calm	....	N	2	N	1	N	2	.8	10	Ci.-S.	S.-Cu.NNE	8	A.-Cu. NE	Fr.-Cu. N	
31..	N	1	Calm	....	N	2	N	3	Calm	....	Calm	....	1	10	Ci.-S.	Fr.-N.NNE	10	Ci.-S.	N.-cf. NNE	
Mean	.....	0.2	.....	0.3	.....	0.7	.....	0.6	.....	0.2	.....	0.3	0.4	7	.....	.....	5.5	.....	.....	

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

JANUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.13	58.81	59.90	57.39	58.78	59.66	58.78	23.7	22	28.3	29.2	25.3	24	25.4	29.8	21.7	96	96	75	75	90	94	87.7	2
2..	58.15	59.02	60.15	57.85	58.91	60.05	59.02	22.9	22	28.9	27.9	26	24.7	25.4	31.8	21.9	96	96	76	78	90	93	88.2	6.8
3..	58.65	59.26	60.59	58.36	59.96	60.83	59.61	23.8	23.2	29.5	29.3	25.2	23.7	25.8	31.7	22.8	95	97	78	77	89	94	88.3	5.6
4..	59.82	60.76	62.19	60.05	61.47	62.72	61.17	22.9	23.5	26	28	25.5	23.8	25	29.4	22.6	97	93	83	70	83	86	85.3	2
5..	62.35	63.31	63.90	62.37	63.45	64.44	63.30	22.7	22.5	27.7	27	23.8	22.8	24.4	29.3	22.2	90	90	69	70	81	84	80.7	.....
6..	63.71	63.91	64.04	61.95	62.37	62.96	63.16	22	21	28.4	28.8	24.7	22.8	24.6	29.3	20.8	89	95	65	60	82	91	80.3	.....
7..	61.67	62.16	63.11	61.04	61.78	63.07	62.14	22.6	21.1	27.1	28.2	24.8	23.8	24.6	30.7	20.9	93	95	75	73	83	86	84.2	.....
8..	62.07	62.48	63.70	61.79	62.89	63.58	62.75	21.9	21	27	30	25.3	23.8	24.8	30.7	20.8	94	95	77	67	83	91	84.5	1.8
9..	63.11	63.53	64.08	61.76	61.78	63.80	63.18	23.6	23	27.9	28.7	24.9	23.8	25.3	30.8	22.8	91	93	78	67	83	88	83.3	1.3
10..	63.02	63.26	63.37	61.53	62.44	63.01	62.77	23.4	22.5	29.4	28	25.3	24.7	25.6	30.4	22.4	88	93	72	71	86	87	82.8	8.5
11..	61.72	62.76	63.35	60.67	61.45	62.43	62.06	23.9	23.1	23.7	25.1	24	23.8	23.9	25.8	22.7	92	92	95	88	91	91	91.5	19.2
12..	61.25	61.39	62.10	59.80	60.55	61.85	61.16	23.2	22.2	28.4	29.1	25.7	23.8	25.4	30.1	22.1	94	96	80	70	84	92	86	1
13..	60.43	60.56	61.34	59.34	59.96	60.97	60.43	22.9	22.8	27.1	30.8	26.8	24.8	25.9	31.7	22.6	94	95	80	64	79	90	83.7	12.7
14..	60.03	60.26	61.21	58.77	59.65	60.81	60.12	24.1	23.6	23.8	26.7	25.4	23.5	24.5	27	22.8	94	95	95	88	88	94	92.3	4.1
15..	59.82	60.08	60.82	58.39	59.18	59.95	59.71	22.2	21.8	27.7	29	24.9	23.7	24.9	30.8	21.7	95	97	83	78	87	94	89	3.5
16..	58.88	59.23	60.14	58.45	59.42	60.21	59.39	22.4	22.3	27.4	24.9	25	23	24.2	29.5	21.5	96	97	81	91	92	93	91.7	6.6
17..	59.17	59.35	60.36	58.08	58.47	59.78	59.20	22.8	22.7	26.6	27.3	25.4	24	24.8	28.4	22.5	96	97	83	81	88	93	89.7	3.8
18..	58.64	59.22	59.29	56.37	58.11	59.53	58.53	23.7	23.3	28	28.5	24.8	24.1	25.4	31.4	23.2	94	95	82	74	90	92	87.8	30.7
19..	58.14	58.05	58.67	56.28	57.88	58.82	57.97	23.8	22.8	24.4	23.7	23.8	23.8	23.7	24.9	22.7	94	95	92	95	97	97	95	32.1
20..	57.72	58.05	59.10	56.58	57.81	58.92	58.03	23	22.2	27.6	29.6	26.8	25.3	25.8	29.9	21.9	97	96	83	71	87	93	87.8	.....
21..	57.82	58.03	59.18	56.69	58.21	58.95	58.15	24.3	23.1	28.9	32	26.5	24.4	26.5	32.5	23	96	97	78	70	83	93	86.2	.....
22..	57.99	58.39	59.09	56.44	57.81	58.87	58.10	23.7	22.4	28.7	29.9	26	24.8	25.9	30.8	22.3	96	97	77	77	91	93	88.5	21.1
23..	58.43	58.74	59.16	57.14	57.91	58.92	58.38	23.8	22.4	27.9	31.5	26.8	24.8	26.2	31.8	22.4	96	96	82	68	84	93	86.5	.....
24..	57.98	58.82	59.38	58	58.71	59.35	58.71	23.7	22.9	29.4	27	25.2	24.2	25.4	31.2	22.7	96	97	71	76	85	95	86.7	100.4
25..	58.85	59.96	59.71	58.19	59.25	60.18	59.36	23.7	22.2	27.7	28.5	25.8	23.8	25.3	29.7	22.1	96	96	76	77	87	93	87.5	11.7
26..	59.56	60.15	60.37	58.19	59.51	60.16	59.66	23.4	22.8	28	29.3	25	23.9	25.4	30.9	22.7	95	96	79	70	88	94	87	7.1
27..	59.56	59.91	60.39	57.90	59.16	59.70	59.44	23.6	22.7	27.4	29.9	26.2	24.7	25.8	31.4	22.6	95	96	78	64	80	91	84	2.3
28..	58.75	58.96	59.71	58.18	59.18	59.97	59.12	24	23.6	27.4	22.9	24.5	23.8	24.4	29.6	22.5	94	96	84	90	92	93	91.5	25.1
29..	59.05	59.26	59.89	58.21	59.42	61.02	59.48	23.6	22.7	28.5	29.8	26	23.4	25.7	30.8	22.6	95	97	73	65	82	93	84.2	.....
30..	59.40	59.63	60.49	57.83	58.66	60.06	59.34	22.4	21.6	28	31.4	24.8	22.8	25.2	31.7	21.5	95	96	77	68	86	92	85.7	.....
31..	58.91	59.43	59.84	57.44	58.43	59.33	58.90	22.1	22	27.8	30.3	25.6	23.7	25.2	31.7	21.8	96	96	77	75	77	90	85.2	.....
Mean	59.77	60.22	60.92	58.74	59.79	60.77	60.04	23.2	22.5	27.6	28.5	25.3	23.9	25.2	30.2	22.2	94.4	95.4	79.2	74.5	86.1	91.7	86.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	309.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	N	S	S	N	Calm	22.8	31.1	42.8	18.5	115.2	7	Ci.-S.	S.-Cu.	6	Ci.-S. SE	Cu.
2..	N	N	NE	NNE	N	N	26	33	26.2	19.5	104.7	4	Ci.	S.-Cu.	9	Ci.-S.	N. NE
3..	N	Calm	NNW	N	Calm	Calm	19.8	37.2	43.5	16.3	116.8	5	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. NNE
4..	N	NNE	N	NE	NE	N	25.1	62.5	64.7	50.7	203	6	Ci.-S.	S.-Cu. NE	8	Ci.-S.	S.-Cu.ENE
5..	N	N	NE	NE	NE	NNE	24.7	96.1	86.9	27.6	235.3	8	Ci.-S.	S.-Cu. NE	8	Ci.-S.	S.-Cu. NE
6..	N	Calm	NE	NNE	N	NNE	22.7	62	65.5	48.1	198.3	10	Ci.-S.	N. NE	8	Ci.-S.	S.-Cu. NE
7..	NNE	Calm	NE	ENE	NNE	N	41.5	46.4	38.3	14.5	140.7	7	Ci.-S.	S.-Cu. NE	8	Ci.-S.	S.-Cu.ENE
8..	N	N	NE	NE	NE	NNE	15.6	48.1	58.2	19.5	141.4	5	Ci.-S.	S.-Cu.	7	Ci.	Cu. ENE
9..	Calm	NNE	NE	NE	NE	Calm	12.1	57.6	75.9	20.6	166.2	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
10..	Calm	Calm	NE	NE	NNE	N	12.7	61.4	71.8	41.5	187.4	8	Ci.-S.	S.-Cu. NE	7	Ci.-S.	S.-Cu. NE
11..	NNE	NNE	NE	NE	N	Calm	49.3	58.9	76.6	24.7	209.5	10	Ci.-S.	N. NE	10	Ci.-S.	N. ENE
12..	N	NNE	NNE	NNE	N	N	18.3	51.5	61	29	159.8	9	Ci.-S.	S.-Cu. ENE	8	Ci.-S.	S.-Cu.
13..	Calm	N	NE	ENE	NNE	NNW	27.9	46.4	58.1	25.7	158.1	5	Ci.	S.-Cu.	5	Ci.	Cu. E
14..	Calm	N	N	Calm	N	N	14.2	22.2	18.5	23.3	78.2	10	Ci.-S.	N. E	10	Ci.-S.	S.-Cu. NE
15..	N	Calm	NE	SE	NNE	Calm	19.5	37.3	52.5	7.4	116.7	2	Ci.	.....	8	Ci.-S.	S.-Cu. NE
16..	Calm	Calm	N	N	N	Calm	9.1	40.8	43.3	10.7	103.9	4	Ci.	S.-Cu.	10	Ci.-S.	N. NNE
17..	Calm	Calm	NNE	NNE	N	Calm	12.4	45.1	43.5	16.1	117.1	7	Ci.	S.-Cu.	9	Ci.-S.	S.-Cu. NE
18..	N	Calm	NE	NNE	N	Calm	15.9	48.3	58.2	21.2	143.6	10	Ci.-S.	Fr.-N.	7	Ci.-S.	S.-Cu. NE
19..	Calm	N	NNE	Calm	NE	N	17.9	41.5	17.4	13.9	90.7	10	Ci.-S.	N.	10	Ci.-S.	N.
20..	Calm	Calm	S	S	Calm	Calm	15.5	27.6	31.4	14.3	88.8	3	Ci.	S.-Cu.	7	Ci.	S.-Cu. E
21..	N	N	S	SW	Calm	N	28.7	31.6	48.5	20.4	129.2	5	Ci.	S.-Cu.	7	Ci. ESE	Cu.
22..	N	N	NNE	W	Calm	Calm	23.1	32.5	31.6	16.4	103.6	5	Ci.	S.-Cu.	6	Ci.	Cu.-N.
23..	Calm	N	S	W	N	Calm	14.8	34	52	26.8	127.6	5	Ci.	S.-Cu.	5	Ci.	Cu.
24..	Calm	N	NNE	N	N	N	13.2	46.9	37.7	30.9	128.7	5	Ci.	S.-Cu.	9	Ci.-S.	S.-Cu. NE
25..	Calm	N	NE	SW	N	N	28.8	34.8	27.9	22	113.5	10	Ci.-S.	N.	7	Ci.-S.	S.-Cu. E
26..	N	N	NE	NE	N	N	27.6	49.1	66.2	24.9	167.8	8	Ci.-S.	S.-Cu.ENE	8	Ci.-S.	S.-Cu. E
27..	N	N	NE	NE	N	Calm	33	50.5	64.9	23.8	172.2	6	Ci.	S.-Cu.ENE	7	Ci.	S.-Cu.ENE
28..	Calm	Calm	NE	N	Calm	Calm	13.9	18.3	25.4	5.1	62.7	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	N. E
29..	N	Calm	NE	NNE	Calm	Calm	13.5	47.5	47.5	10.2	118.7	8	A.-Cu.ESE	S.-Cu.	8	A.-Cu.	S.-Cu. E
30..	N	N	NE	W	N	N	22.7	27.1	52.5	29.6	131.9	2	Ci.	Cu.	6	Ci.	Cu.
31..	N	N	S	SW	NE	Calm	24.3	32.8	49.6	16.7	123.4	6	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.
Mean	.....	.....	.....	.....	.....	.....	21.5	43.9	49.6	22.3	137.2	6.8	.....	.....	7.8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,254.7	....	.....	.....	....	.....	.....

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

FEBRUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.20	58.83	59.49	57.68	58.59	59.62	58.74	23	22.8	28.5	25.6	24.2	23.7	24.6	28.9	22.6	94	95	71	89	91	93	88.8	8.8
2..	58.38	58.55	59.44	57.41	58.64	60.13	58.76	22.9	22.5	27.8	27.8	24.7	24	25	30.4	22.4	95	95	79	75	89	93	87.7	11.4
3..	59	59.51	60.92	58.61	59.97	61.35	59.89	23.8	23	25.7	28.7	25	24	25	30.3	22.9	93	96	84	72	86	92	87.2	3.3
4..	60.41	60.39	61.79	59.91	60.81	62.03	60.89	23.6	22.1	26.8	26	25.1	23.3	24.5	29.1	22	93	94	80	85	87	94	88.8	6.4
5..	60.71	61.27	62.14	60.31	61.32	62.65	61.40	22.5	21.1	28.3	27.5	24.9	22.8	24.5	28.8	21	95	95	72	82	87	94	87.5	7.6
6..	61.41	62.02	62.77	61		61.94	62.56	61.95	21.7	20.6	28.6	30.6	25.6	23.9	25.2	31.3	20.5	96	96	71	62	78	90	82.2	.3
7..	61.45	61.93	62.85	60.76	61.19	62.52	61.78	23.4	23	25.7	27.2	25.8	23.9	24.8	28.5	22.8	92	92	88	73	83	94	87	2
8..	61.11	61.33	62.12	49.94	60.78	62.13	61.24	22.8	21.7	27.9	27.8	24.3	23.7	24.7	30.2	21.6	95	96	74	78	92	92	87.8	31.5
9..	60.93	61.31	61.70	59.64	60.41	61.38	60.90	22	21.2	26.6	30.7	25.6	24.5	25.1	31.2	21.1	96	96	80	72	83	90	86.2	.....
10..	60.61	61.03	62.41	60.22	60.81	61.63	61.12	23.6	23	26.4	27.3	24.5	23.7	24.8	28.2	22.8	95	95	81	71	83	89	85.7	.....
11..	60.84	60.87	61.50	59.23	60.22	61.53	60.70	22.7	22.1	27.5	29	23.7	23.2	24.7	29.6	22	94	96	78	70	93	95	87.7	6.1
12..	60.62	60.77	61.94	60.40	60.81	62.07	61.10	22.9	22	28	25	23.9	22.8	24.1	29.8	21.9	95	96	79	85	94	95	90.7	27.5
13..	60.79	60.78	61.82	60.04	60.66	62.01	61.02	22.6	22.6	26.6	25.8	24.5	23.8	24.3	29.4	22.4	97	96	86	87	92	93	91.8	14
14..	60.76	60.75	61.65	59.72	60.68	61.88	60.91	23.6	23.3	24.4	25.5	24.5	23.8	24.2	27	23.1	93	94	95	90	92	93	92.8	16.2
15..	60.83	61.38	61.89	59.90	60.62	61.83	61.08	22.7	22.6	28.8	26.5	25.1	23.7	24.9	30.8	21.8	96	97	72	86	89	96	89.3	10.4
16..	60.31	60.62	61.21	59.16	59.93	60.75	60.33	22.9	22.8	29	25.3	24.3	23.3	24.6	31.2	22.6	96	97	76	92	93	95	91.5	49.3
17..	58.95	60.02	60.92	58.11	58.46	59.99	59.41	22.7	21.4	27.2	29.8	27.2	24.7	25.5	31.2	21.4	96	96	83	75	77	92	86.5	.....
18..	58.54	58.66	59.24	56.91	57.57	59.55	58.41	23.7	22.5	30	28.2	24.8	23.5	25.4	30.6	22.4	94	96	68	83	93	94	88	26.2
19..	57.88	58.05	58.82	56.59	57.94	59.02	58.05	22.6	21.9	27.7	28.9	25.8	24	25.2	30.1	21.7	96	96	79	76	87	95	88.2	.5
20..	58.09	58.61	59.99	58.61	59	60.30	59.10	22.9	22.1	28.5	26.8	23.8	23.1	24.5	29.9	22	96	96	77	81	91	95	89.3	57.5
21..	60.08	60.34	61.42	59.83	60.13	61.26	60.51	22.9	22.5	25	25.7	23.8	23.1	23.8	26.5	22.4	96	96	92	90	93	95	93.7	13.7
22..	60.38	60.67	61.41	59.76	60.03	60.85	60.52	22.8	22.6	22.8	24	23	22.9	23	24.6	22.5	95	96	95	90	93	94	93.8	9.6
23..	60.15	59.79	60.11	58.58	59.01	59.85	59.58	22.8	22.3	27.2	24.6	23.7	23.7	24	28	22.2	95	96	79	94	93	94	91.8	58.4
24..	57.85	58.65	59.54	57.45	57.93	59.72	58.52	23.1	23.4	28.2	26.5	26	24.5	25.3	28.5	22.8	96	96	85	90	92	94	92.2	6.3
25..	58.80	58.74	59.64	57.66	58.40	59.52	58.79	22.7	21	28.9	28.5	24.9	23.7	25	30.4	20.9	96	96	73	80	88	94	87.8	2.8
26..	58.70	58.72	59	56.83	57.91	58.81	58.33	22.7	21.	29.7	29.6	25.5	23.8	25.4	31.5	21	96	96	67	67	89	93	84.7	7.9
27..	57.54	58.21	58.68	56.18	57.13	58.04	57.63	22.7	22.4	29.6	31	25.8	23.4	25.8	33	22.1	96	96	70	67	84	93	84.3	.....
28..	57	57.55	58.36	56.81	57.36	58.43	57.58	22.6	21.6	29.6	27.5	25.6	24.2	25.2	32.8	21.6	95	96	70	84	89	94	88	3.3
Mean	59.65	59.98	60.81	58.83	59.58	60.76	59.94	22.9	22.2	27.5	27.4	24.8	23.7	24.8	29.7	22	95.1	95.6	78.7	80.2	88.6	93.4	88.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	381

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	N	NE	NW	Calm	N	23.5	30	37.5	19.1	110.1	9	Ci.-S.	S.-Cu.	9	Ci.-S.	N.
2..	N	N	SE	NE	N	Calm	28.8	32.7	54.7	23.3	139.5	8	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-Cu.
3..	Calm	N	NNE	NE	N	Calm	13.1	37.3	48.6	18.5	117.5	10	Ci.-S.	N. E	8	Ci.-S.	S.-Cu. ENE
4..	N	N	NNE	ENE	Calm	N	25.4	30.3	35.9	18.3	109.9	8	Ci.-S.	S.-Cu.	9	Ci.-S.	N. E
5..	N	N	SSE	Calm	N	N	21.9	40.5	37.6	22.5	122.5	5	Ci.	S.-Cu. E	8	Ci.-S.	S.-Cu. E
6..	N	N	E	E	N	NNE	18.8	36.7	63.6	37.2	156.3	4	Ci.	S.-Cu.	5	Ci.	Cu. ESE
7..	NNE	NNE	ENE	E	Calm	Calm	30	28.2	33.5	12.3	104	7	Ci.-S.	S.-Cu. E	9	Ci.-S.	S.-Cu. E
8..	N	N	Calm	SE	Calm	N	24.7	24.3	30.8	12.6	92.4	7	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. E
9..	Calm	N	S	W	Calm	Calm	14	32.8	39.2	11.5	97.5	6	A.-Cu. SE	S.-Cu.	6	Ci.	C.-N. NE
10..	Calm	N	NE	NE	NE	Calm	12.1	43.7	90.7	27.6	174.1	9	Ci.-S.	S.-Cu. ENE	9	Ci.-S.	S.-Cu. NE
11..	N	Calm	ENE	W	N	N	20.4	29.8	33	27.9	111.1	6	Ci.	S.-Cu. ENE	9	Ci.-S.	S.-Cu. NE
12..	N	N	NE	NNE	N	N	23.3	27.9	30.9	33.2	115.3	8	Ci.-S.	S.-Cu.	10	Ci.-S.	N. NE
13..	N	N	NE	NE	N	N	22.8	42	49.9	27.6	142.3	9	Ci.-S.	S.-Cu. E	10	Ci.-S.	N. ENE
14..	NE	NNE	N	N	N	N	26.4	57.9	66.2	24.3	174.8	10	Ci.-S.	S.-Cu. NE	9	Ci.-S.	S.-Cu. NE
15..	N	Calm	E	SE	N	N	18.7	40.8	25.9	22.2	107.6	10	Ci.-S.	N. ENE	10	Ci.-S.	N. E
16..	N	NNE	SE	NW	N	Calm	27.2	37.2	23.9	9.4	97.7	7	A.-Cu.	S.-Cu. ENE	10	Ci.-S.	N. E
17..	N	Calm	S	S	N	Calm	10.7	25.2	40.2	16.3	92.4	7	Ci.	S.-Cu.	5	Ci.	Cu.
18..	Calm	N	S	S	Calm	Calm	10.5	31.1	49.1	19.9	110.6	6	Ci.	S.-Cu. E	7	Ci.-S.	Cu.-N. E
19..	N	N	SE	S	Calm	N	22	46.4	29.2	20.3	117.9	4	Ci.	S.-Cu.	6	Ci.-S.	SE Cu.-N.
20..	N	N	S	N	N	Calm	25.9	31.9	51.7	37	146.5	4	Ci.	Cu.	10	Ci.-S.	N. NNE
21..	N	Calm	N	NE	NW	N	16.6	31.6	31.9	18.3	98.4	10	Ci.-S.	N. NE	10	Ci.-S.	N. NE
22..	N	Calm	NE	NNE	N	N	21.1	32.8	47.5	26.4	127.8	10	Ci.-S.	S.-Cu.	10	Ci.-S.	N. NE
23..	Calm	Calm	NNE	Calm	N	N	9.5	52.9	24.4	25.4	112.2	7	Ci.	S.-Cu.	10	Ci.-S.	N. NE
24..	NNE	NNE	NNE	Calm	Calm	Calm	25.5	24.3	16.9	16.4	83.1	10	Ci.-S.	N. NE	8	Ci.-S.	Cu.-N.
25..	N	N	NE	NNE	N	N	19	35.7	32.5	23.1	110.3	3	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N. NE
26..	N	Calm	NE	E	Calm	N	13.2	37.5	30.9	19	100.6	0	.....	Cu.	8	Ci.-S.	Cu.-N. E
27..	Calm	Calm	E	ENE	N	Calm	9.5	44.3	45.1	15.8	114.7	7	Ci.-S.	S.-Cu. E	8	Ci.	Cu. E
28..	N	Calm	N	S	N	N	19.1	43.8	25.7	25.7	114.3	3	Ci.	S.-Cu. E	9	Ci.-S.	N. E
Mean	.....	.....	.....	.....	.....	.....	19.8	36.1	40.2	21.8	117.9	6.9	.....	.....	8.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,301.4	.....	.....	.....	.....	.....	.....

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

MARCH, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.93	58.17	59.43	57.56	57.43	58.78	58.22	22.4	21.3	29.6	25.4	25.7	24.2	24.8	30.6	21.1	95	97	69	92	88	94	89.2	19.8
2..	57.99	58.29	58.81	56.27	57.05	58.87	57.88	23.7	22.7	28.5	31.2	26.9	24.5	26.2	33	22.6	95	96	75	62	76	92	82.7	.5
3..	57.88	58.17	59.11	57.26	57.51	58.76	58.12	23.6	23.5	30	26.5	25.8	24.8	25.7	31.3	23.2	94	94	71	83	90	93	87.5	10.7
4..	57.03	57.23	58.46	56.73	57.08	58.88	57.57	23.8	23	29.8	25.4	25.3	24.7	25.3	32	22.8	95	97	67	90	91	93	88.8	46.5
5..	57.80	58.75	59.13	56.91	57.78	59.28	58.28	23.6	23.5	24.8	27.5	25.5	24.1	24.8	27.8	23.2	95	96	94	84	88	94	91.8	4.1
6..	58.16	58.99	59.61	57.22	57.56	59.04	58.43	22.5	21.5	29.9	32.6	27.7	25.3	26.6	33.2	21.4	96	96	68	55	78	93	81	.....
7..	57.91	58.73	59.84	57.58	57.84	59.15	58.51	24.6	23.6	28.3	32	27.2	24.9	26.8	32.5	23.5	92	93	77	48	69	83	77	.5
8..	57.73	58.25	58.69	56.31	56.79	58.06	57.64	22.8	21.9	29.1	33.7	28.2	24.6	26.7	34	21.8	94	96	74	56	74	93	81.2	.....
9..	57.75	58.03	58.70	56.97	57.57	59.31	58.06	23.5	22.1	28	27.3	25.6	23.8	25	29.9	22.1	94	94	80	87	91	94	90	16.3
10..	58.75	58.93	59.80	57.39	57.24	58.98	58.52	22.9	21.9	28.7	29.5	27	24.8	25.8	30	21.7	96	96	75	73	77	91	84.7	.....
11..	58.10	58.30	59.23	56.91	57.29	58.82	58.11	23.9	22.2	30.8	33.1	27.7	24.5	27	34.5	22.1	94	95	58	49	72	89	76.2	.....
12..	57.70	58.23	59.35	56.97	57.56	58.26	58.01	23.6	23.4	29.4	33.3	27.4	24	26.8	33.7	23.1	93	93	71	43	70	93	77.2	.....
13..	57.38	58.01	59.09	57.24	58.18	59.79	58.28	23	22.9	28.6	30.9	28.3	24.8	26.4	32.2	22.8	95	96	79	67	82	94	85.5	.....
14..	58.43	58.93	59.78	58.17	59.38	60.76	59.24	23.1	22.5	30.6	32.5	27.7	24.8	26.9	33.6	22.4	95	95	63	48	69	87	76.2	1
15..	59.78	60.83	61.49	59.15	60.15	60.96	60.39	23.7	22.9	27	28.9	26.8	24.2	25.6	29.8	22.8	90	90	83	76	82	93	85.7	1.3
16..	59.91	60.57	60.65	58.33	59.17	60.26	59.82	23.7	22.8	30.8	28.6	25.9	23.9	26	31.4	22.7	94	95	64	83	85	92	85.5	7.4
17..	59.66	60.02	60.50	58.61	58.96	60.78	59.76	23.7	22.7	28.5	26.1	25.4	23.9	25	30	22.6	95	96	80	93	90	94	91.3	33.6
18..	59.67	59.91	60.79	58.59	58.82	60.30	59.68	22.9	22.9	28.8	28.9	26.5	24.3	25.7	31.4	22.5	96	97	72	83	84	93	87.5	9.9
19..	58.88	59.85	59.94	58.22	58.44	59.96	59.22	23.6	22.6	29.5	28.6	26.6	23.7	25.8	31.9	22.5	95	97	70	78	87	94	86.8	4.6
20..	58.91	59.98	60.14	59.04	59.43	60.56	59.68	22.5	22	30.2	26.1	24.9	23.8	24.9	32.7	21.8	96	96	70	92	89	93	89.3	27.7
21..	59.66	59.94	60.90	59.98	60.05	61.27	60.30	22.9	22.3	28.1	25.4	24.9	23.8	24.6	28.7	22.2	96	96	77	91	90	93	90.5	38.6
22..	60.40	61.03	61.73	59.39	59.79	61.06	60.57	22.8	21.7	30	33.1	27.	23.9	26.4	34.2	21.6	96	96	69	52	75	92	80	.....
23..	60.07	60.30	60.56	59.12	59	60.08	59.86	22.8	22.7	29.9	30.8	27.	23.6	26.1	33.4	22.5	95	96	65	66	80	93	82.5	.....
24..	59.58	59.78	60.28	58.38	58.87	60.66	59.59	22.5	21.7	30.2	29.9	26.	23.5	25.6	32.7	21.6	95	96	66	69	87	94	84.5	1.3
25..	59.58	60.09	60.84	58.97	59.95	60.92	60.06	21.9	21.7	27.2	27.4	24.1	23.7	24.3	29.6	21.6	95	96	78	81	91	92	88.8	12.2
26..	59.75	59.83	60.39	58.14	59.01	60.81	59.66	22.7	21.6	27.5	28.6	25.5	23.8	25	30.1	21.4	95	96	76	81	84	93	87.5	9.9
27..	59.88	60.25	60.85	59.44	59.79	61.06	60.21	23.6	23	27.6	28.5	25.8	23.9	25.4	30.5	22.8	95	96	80	77	89	94	88.5	2.8
28..	60.11	60.92	61.78	59.85	60.60	62.16	60.90	22.8	21.6	29.4	30.5	26.5	25.2	26	32.1	21.4	96	96	70	75	82	90	84.8	1
29..	61.03	60.96	61.64	59.74	60.29	61.82	60.91	23.3	22.4	29	26.5	25.7	23.9	25.1	31.3	22.3	95	96	76	88	86	94	89.2	21.1
30..	60.11	60.71	61.26	58.38	58.79	60.46	59.95	22.7	21.7	28.3	31.7	28.3	25.9	26.4	32.1	21.6	96	97	79	65	77	91	84.2	.....
31..	59.20	59.94	60.86	58.23	59.15	60.41	59.63	24	22.6	29.5	31.4	28.3	26	27	31.8	22.4	94	96	73	66	75	87	81.8	.....
Mean	58.93	59.42	60.12	58.10	58.60	60.01	59.20	23.2	22.4	29	29.4	26.5	24.3	25.8	31.7	22.3	94.7	95.5	73.2	72.7	82.2	92.1	85.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	270.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	NE	Calm	Calm	N	9.5	32.2	34.1	29	104.8	4	Ci.	S.-Cu.	9	Ci.-S.	Fr.-N.
2..	Calm	Calm	NE	NE	N	N	10.7	43.7	39.1	27.6	121.1	5	Ci.	S.-Cu.	6	Ci.	Cu. E
3..	Calm	NNE	E	Calm	Calm	Calm	21.9	37.8	20.1	10.7	90.5	6	Ci.	S.-Cu. E	9	Ci.-S.	Cu.-N.
4..	Calm	N	E	NNE	Calm	Calm	18.8	41.6	17.4	24.3	102.1	5	Ci.	S.-Cu.	10	Ci.-S.	N. E
5..	NE	Calm	NE	Calm	NE	Calm	13.4	24.1	21.2	23.3	82	10	Ci.-S.	N. E	10	Ci.-S.	S.-Cu. E
6..	Calm	N	ENE	E	NE	Calm	18.7	37	58.7	29.2	143.6	4	Ci.-Cu.	Cu.	3	Ci.	Cu. E
7..	NNE	Calm	Calm	ENE	NE	NE	23.8	33.3	71.4	32.8	161.3	7	A.-Cu.	S.-Cu. E	2	.....	Cu. E
8..	Calm	Calm	SE	ESE	NE	NNE	13.7	45.1	45.3	26	130.1	0	.....	Cu.	5	.....	Cu. E
9..	Calm	N	S	S	N	Calm	23.9	37	34.3	20.6	115.8	1	.....	Cu.	9	Ci.-S.	N. NE
10..	Calm	Calm	ENE	S	NNE	NNE	14.8	27.4	48.8	25.1	116.1	7	Ci.-S.	S.-Cu. E	8	Ci.-S.	Cu. E
11..	N	N	ENE	E	NE	NNE	25.1	46.2	58.5	19.1	148.9	0	Ci.	Cu.	5	Ci.	Cu. E
12..	Calm	Calm	NE	E	NE	Calm	15.3	30	53.1	23.5	121.9	8	Ci.-S.	S.-Cu. E	7	Ci.-S.	Cu. E
13..	N	Calm	SSE	SSW	Calm	Calm	18.2	30	24.6	22.7	95.5	8	Ci.-S.	S.-Cu. E	7	Ci.	Cu. E
14..	Calm	Calm	ENE	NE	NNE	Calm	10.2	32.5	51	24.6	118.3	9	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu. E
15..	NNE	Calm	S	SW	Calm	NNE	33.2	28.4	39.9	25.1	126.6	10	Ci.-S.	S.-Cu.	7	A.-Cu.	Cu. NE
16..	Calm	Calm	ENE	SSW	NNE	N	14.3	41.8	35.4	27.9	119.4	6	A.-Cu. SE	S.-Cu.ENE	8	Ci.-S.	Cu.-N. E
17..	NNE	N	S	S	NNE	NNE	15.6	30.9	27.1	25.9	99.5	4	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N. E
18..	Calm	NNE	NNE	SW	NNE	NNE	18.2	36.8	29.6	29.8	114.4	8	Ci.-S.	S.-Cu. E	7	Ci.	Cu. E
19..	N	Calm	E	SW	Calm	N	13.2	23.6	30.1	12.4	79.3	3	.....	S.-Cu. E	9	Ci.-S.	N. E
20..	Calm	N	NE	NNE	N	Calm	14.2	46.2	35.2	24.1	119.7	0	.....	Cu.	9	Ci.-S.	N. NE
21..	Calm	Calm	ENE	NNE	N	N	13.9	29	31.9	17.4	92.2	4	.....	S.-Cu.	10	Ci.-S.	Fr.-N. NE
22..	Calm	N	NNE	ENE	N	N	14.3	43.7	56.6	18.5	133.1	2	.....	S.-Cu.	3	.....	Cu. E
23..	N	Calm	NNE	SE	N	Calm	9.9	44.5	41	16.1	111.5	4	.....	S.-Cu.ENE	7	.....	Cu. ENE
24..	Calm	N	E	SSW	Calm	Calm	13.4	26.9	35.4	16.1	91.8	0	.....	Cu.	7	.....	Cu. ENE
25..	N	Calm	SSE	SW	Calm	N	8	21.9	42.4	31.4	103.7	3	Ci.	S.-Cu. E	8	Ci.	Cu.-N. E
26..	N	Calm	S	SSW	N	N	22.5	29.6	27.1	28	107.2	3	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
27..	Calm	Calm	S	Calm	N	Calm	6.4	33.5	29.2	16.9	86	7	Ci.-S.	S.-Cu. E	7	Ci.	Cu.-N. E
28..	Calm	Calm	ENE	SW	Calm	Calm	11.3	30.3	46.2	15	102.8	0	Ci.	S.-Cu.	6	.....	Cu. E
29..	Calm	Calm	S	W	N	N	6.4	34.9	30.4	17.7	89.4	2	.....	Cu.	9	Ci.-S.	N. E
30..	N	N	S	SW	N	Calm	18.3	33.3	33.3	10.7	95.6	5	Ci. SE	Cu.	4	Ci.	Cu.
31..	Calm	N	S	SSW	NNE	NE	15.6	32.7	35.2	20.9	104.4	2	.....	Cu.	3	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	15.7	34.4	38.2	22.3	110.6	4.4	.....	.....	7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,428.6	.....	.....	.....	.....	.....	.....

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

APRIL, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.52	60.37	60.37	58.35	58.75	60.37	59.62	24.5	22.7	30	30.2	27.5	25.6	26.8	31.3	22.6	92	97	68	73	87	92	84.8	1.5
2..	58.87	59.26	59.61	57.87	58.49	60.01	59.02	24.4	23.3	29.6	25.5	26	23.8	25.4	30.2	23	94	96	73	88	92	93	89.3	26.4
3..	58.73	59.34	60.01	57.60	58.25	60.12	59.01	22.9	22.7	26.8	30.4	27.8	22.6	25.5	32.4	21.9	96	97	87	74	91	95	90	2.3
4..	59.20	59.41	59.95	57.84	58.12	60.06	59.10	21.7	21.2	28.2	31.6	26	24.6	25.6	32.4	20.8	96	96	76	66	90	93	86.2	22.6
5..	59.61	60	60.27	57.94	58.64	59.74	59.37	24	23.9	28.1	29.2	26	24.8	26	29.9	23.7	95	96	79	74	92	93	88.2	5.9
6..	58.49	58.62	59.46	57.91	58.27	59.67	58.74	23.9	23.7	29	27.4	26.5	24.8	25.9	29.9	23.3	95	97	78	84	91	93	89.7	4.6
7..	58.59	58.66	59.26	57.10	57.55	58.11	58.21	23	22.4	29.2	29.3	26.2	25	25.8	31.9	22.2	96	97	76	73	90	93	87.5	2
8..	57.73	58.18	58.59	56.61	57.36	59.10	57.93	23.9	23.6	28	29.6	25.6	24.1	25.8	30.5	23.4	95	96	80	79	91	94	89.2	6.9
9..	58.18	58.35	59.33	57.61	58.41	59.39	58.54	23.4	23	28.4	28.8	27.1	24.8	25.9	30.6	22.7	95	96	78	74	83	93	86.5	2.3
10..	58.19	58.97	59.78	57.43	58.08	58.99	58.57	23.2	23	28.8	31.8	26.5	24.9	26.4	32.6	22.7	95	97	72	64	88	93	84.8	1.8
11..	57.78	58.05	58.31	56.64	56.74	58.41	57.66	23.7	23	30	30.3	27	24.6	26.4	31.3	22.7	95	97	74	73	88	93	86.7	5.3
12..	57.10	57.90	58.58	56.15	56.39	58.30	57.40	22.9	21.9	29.4	30.4	29.4	25.2	26.5	31.5	21.7	96	97	75	68	72	93	83.5	.....
13..	57.48	58.31	59.35	57.65	58.02	59.47	58.38	22.8	22.2	29.4	30	27.7	24.9	26.2	31.4	22	96	96	75	71	83	92	85.5	.....
14..	58.71	59.19	59.60	57.50	58.53	60.14	58.94	23.3	22.2	29.5	29.9	28.7	25.2	26.5	32.4	22	96	96	71	76	80	93	85.3	.3
15..	58.95	59.10	59.50	56.98	57.52	59.02	58.51	24	23.1	30.4	30.4	28	25.2	26.8	31.1	22.9	96	97	72	69	81	93	84.7	.....
16..	58.28	58.11	58.57	56.55	57.24	58.50	57.88	23.8	23.2	29.8	30.5	29.9	25.7	27.2	31.4	23	94	94	69	70	70	93	81.7	.....
17..	57.62	58.58	58.99	56.93	57.21	58.86	58.03	23.8	22.5	30.5	33.9	28.7	25.9	27.6	34.6	22.4	94	95	68	58	73	89	79.5	.....
18..	58.04	58.92	59.37	56.83	57.54	58.94	58.27	23.9	22.9	30.7	30.9	28.2	25	26.9	32.7	22.6	93	94	70	69	74	93	82.2	.....
19..	58.58	59.08	59.23	56.88	56.95	58.91	58.27	23.2	22.1	29.9	30.5	30	25.1	26.8	32	21.9	96	96	69	72	68	91	82	2
20..	58.24	58.66	58.67	56.53	56.83	58.74	57.94	23	22.3	30.4	31.4	29.7	24.7	26.9	33.3	22	95	96	72	63	75	94	82.5	.....
21..	57.79	57.71	58.78	56.81	56.74	58.77	57.77	22.9	22.2	29.7	28.2	29.7	25.7	26.4	32	21.9	96	96	69	74	69	93	82.8	.....
22..	57.64	57.83	58.86	56.56	57.29	58.39	57.76	24.6	23.6	31.4	31.6	27.6	24.7	27.2	32.3	23.5	94	95	65	66	84	94	83	1.3
23..	57.44	57.24	58.30	56.50	56.76	58.50	57.46	22.9	21.9	30.4	30.5	29.5	26.6	27	32.2	21.7	96	96	70	71	73	89	82.5	.....
24..	57.78	58.45	58.98	56.57	57.39	59.02	58.03	24.2	23.2	31.1	34.2	29.9	25.7	28	34.7	23	94	96	65	55	69	88	77.8	.....
25..	57.94	58.39	59.10	57.42	57.83	59.41	58.35	23.9	23.2	31.3	30.2	26	24.7	26.6	32.1	23	94	95	64	70	90	93	84.3	21.6
26..	57.44	58.09	58.58	56.63	57.21	58.53	57.75	23	22.8	30.4	30.9	28	25.2	26.7	32.2	22.5	96	97	68	71	79	92	83.8	.3
27..	57.59	57.89	58.61	56.50	57.16	58.49	57.71	23.4	22.7	28.6	32.6	28.8	25.5	26.9	32.9	22.6	93	96	78	64	77	92	83.3	.....
28..	57.62	57.80	58.29	55.94	56.74	58.01	57.40	23.9	23.3	30	33.7	29	26.2	27.7	34.5	23	94	96	73	64	81	92	83.3	.....
29..	57.36	57.83	57.71	55.87	56.06	57.93	57.13	24.6	24	30	31	28	25.7	27.2	33	23.7	94	96	77	71	85	93	86	5.1
30..	56.88	57.24	57.98	56.01	56.69	58.08	57.15	24.7	23.4	29.9	32.5	28.2	25.7	27.4	33.2	23.2	95	97	75	65	80	93	84.2	.....
Mean	58.11	58.52	59.07	56.99	57.49	59	58.20	23.6	22.8	29.6	30.6	27.9	25.1	26.6	32.1	22.6	94.9	96.1	72.9	70.3	81.5	92.5	84.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	112.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	N	S	W	N	Calm	13.1	30.9	41.2	15.9	101.1	3	Ci.	Cu.	8	Ci.-S.	Cu.-N. ENE
2..	N	N	SE	Calm	NNE	Calm	16.1	33.8	38.3	15	103.2	0	.....	Cu.	9	Ci.-S.	Cu.-N.
3..	Calm	Calm	NE	SE	Calm	Calm	10.3	25.4	33.8	12.9	82.4	7	Ci.-S.	S.-Cu. E	7	Ci.-S.	Cu.-N. ENE
4..	Calm	N	S	W	N	Calm	20.3	40.5	38.6	18	117.4	2	Ci.	Cu.	7	Ci.-S.	Cu.-N. E
5..	N	Calm	NE	Calm	Calm	N	14.7	23.8	18	15.6	72.1	9	Ci.-S.	S.-Cu. ENE	9	Ci.-S.	S.-Cu. E
6..	Calm	Calm	S	Calm	Calm	Calm	9.4	39.2	15.8	7.5	71.9	6	Ci.-S.	S.-Cu. E	9	Ci.-S.	S.-Cu.
7..	Calm	NNE	S	N	Calm	Calm	13.7	33.5	33.5	1.9	82.6	4	A.-Cu. E	Cu.	8	.....	Cu.-N. E
8..	Calm	Calm	S	NE	N	Calm	11.6	27.4	39.7	16.4	95.1	6	A.-Cu. E	S.-Cu.	8	Ci.-S.	Cu.-N. E
9..	Calm	Calm	E	NW	NE	Calm	13.1	22.2	34.9	12.1	82.3	6	A.-Cu. SE	S.-Cu.	8	Ci.-S.	Cu.-N.
10..	Calm	N	S	NW	Calm	N	18.7	35.9	33.5	14.5	102.6	7	A.-Cu. SE	S.-Cu.	6	.....	Cu.-N.
11..	N	Calm	SE	N	Calm	Calm	18.8	32.8	27.9	13.1	92.6	4	.....	S.-Cu. E	7	A.-Cu. SSE	Cu.-N.
12..	N	N	S	SW	E	Calm	21.4	34.3	68.2	15.5	139.4	0	.....	Cu.	1	.....	Cu.
13..	N	N	S	N	Calm	Calm	19.3	35.6	30.1	8.5	93.5	3	Ci.	Cu.	9	Ci.-S.	Cu.-N.
14..	N	N	S	S	Calm	Calm	21.2	33	30.3	9.1	93.6	2	Ci.	S.-Cu.	6	Ci. SE	Cu.
15..	N	N	SE	SSW	Calm	Calm	26.9	29	36.8	15.8	108.5	5	Ci.	S.-Cu.	7	Ci.	Cu.
16..	N	Calm	SE	S	Calm	Calm	15.5	41.3	32.5	13.4	102.7	3	Ci.	S.-Cu.	3	Ci.	Cu.
17..	N	N	SE	SW	NE	NE	17.1	38	34.1	15	104.2	3	Ci.	S.-Cu.	3	Ci.	Cu.
18..	Calm	N	S	S	N	Calm	21.9	43.7	47.5	12.3	125.4	3	Ci.	S.-Cu.	4	Ci.	Cu.
19..	N	N	S	S	Calm	ENE	22.5	35.2	43.5	21.5	122.7	2	Ci.	S.-Cu.	2	Ci.	Cu.
20..	N	N	S	SSW	Calm	N	25.1	33.6	40.4	16.9	116	4	Ci.	Cu.	3	Ci.	Cu.
21..	N	Calm	S	E	Calm	NE	23.9	28.7	54.4	13.9	120.9	2	Ci.	Cu.	8	Ci.	Cu.
22..	N	Calm	ESE	SSW	NE	N	13.7	37.5	52.1	21.1	124.4	3	Ci.	S.-Cu.	4	Ci.	Cu. ESE
23..	N	NNW	S	S	Calm	Calm	24.7	37	35.9	12.9	110.5	8	Ci.-S.	Fr.-S.	8	Ci.-S.	S.-Cu.
24..	N	N	ESE	S	N	NE	21.7	28.4	31.4	17.5	99	4	Ci.	.....	3	Ci.	Cu.
25..	N	N	S	NE	N	Calm	27.1	34.4	53.9	19	134.4	3	Ci.	.....	9	Ci.-S.	Cu.-N. NE
26..	Calm	N	NE	NNW	N	Calm	18	22.3	43.7	15.8	99.8	5	Ci.	.....	8	Ci.-S.	S.-Cu. NE
27..	Calm	Calm	S	SSW	NNE	Calm	12.7	26.2	44.5	9.9	93.3	8	Ci.-S.	.....	7	Ci.-S.	Cu.
28..	N	N	S	SSW	N	Calm	16.9	28.5	46.1	4	95.5	6	Ci.	Cu.	7	Ci.-S.	Cu. NNE
29..	Calm	Calm	S	SSW	Calm	Calm	12.6	34	31.2	7	84.8	4	Ci.	Cu.	8	Ci.-S.	Cu.-N. NNE
30..	N	N	S	SSW	Calm	N	18.7	33.8	34.6	13.5	100.6	3	Ci.	.....	4	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	18	32.7	38.2	13.5	102.4	4.2	.....	.....	6.3	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,072.5	.....	.....	.....	.....	.....	.....

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

MAY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.62	57.84	58.77	56.59	57.55	58.89	57.88	24.3	23.4	31	31.4	30	26	27.7	32.7	23.3	95	96	69	57	75	90	80.3	.....
2..	57.86	57.87	58.88	57.91	57.86	59.20	58.26	24.7	23.7	29.9	26.1	26.2	25	25.9	31.3	23.4	94	95	73	90	92	93	89.5	14.5
3..	57.68	57.73	57.96	56.16	57.20	58.92	57.61	24	23.9	30	31.2	28	26.4	27.2	32	23.6	96	97	72	70	83	90	84.7	.....
4..	57.18	58.11	59.04	56.95	57.59	59.16	58	24.8	23	30	30.3	29.6	26.2	27.3	30.7	22.8	93	96	74	66	71	90	81.7	.....
5..	58.26	58.78	59.44	57.22	57.66	59.81	58.53	24.6	23.3	30.8	31.3	25.4	24.9	26.7	32	23	93	96	69	69	90	92	84.8	27.4
6..	58.58	58.94	58.85	56.87	58.61	59.69	58.59	23.8	22.7	30	31	25.5	24.8	26.3	32.3	22.5	96	97	75	72	91	93	87.3	2.5
7..	58.53	58.30	59.46	56.70	57.91	58.92	58.30	24.6	24.1	29	30.2	27	25.2	26.7	32.5	23.8	95	97	78	71	84	93	86.3	.....
8..	58.27	58.38	59.33	57.04	58.09	59.99	58.52	24.1	23.5	31.2	30.8	27.6	26	27.2	32.4	23.4	95	97	69	70	83	92	84.3	.....
9..	58.82	59.11	59.27	57.18	58.10	59.97	58.74	24.8	24	30.4	31.8	28.5	26	27.6	32.8	23.7	94	96	78	72	84	90	85.7	.....
10..	58.56	59.16	59	56.80	57.70	59.31	58.42	24.9	24.7	30	30	28	25.6	27.2	31	24.1	93	94	75	72	80	93	84.5	.....
11..	57.88	57.83	58.37	55.89	57.31	58.84	57.69	24.5	24.2	29.6	33.5	26.5	24.9	27.2	33.8	23.8	94	96	77	68	92	93	86.7	2.8
12..	57.85	58.86	59.45	57.40	58.86	59.83	58.71	23.9	23.8	30.7	30.2	26.2	24.4	26.5	33.3	23.5	95	96	74	70	92	93	86.7	1.5
13..	58.64	59.37	60.14	57.83	58.49	60.07	59.09	23.7	23.5	30	31.3	28.6	26.7	27.3	31.7	23	95	96	77	70	81	90	84.8	.....
14..	59.34	59.88	60.83	58.46	58.83	60.91	59.71	24.9	24.4	30.3	30.1	28.4	25.4	27.2	32.1	24.2	94	94	72	73	79	93	84.2	.....
15..	59.87	60.58	60.78	58.48	59.45	60.72	59.98	23.8	23.1	31.1	31.9	26.5	23.9	26.7	32.5	22.8	95	96	68	64	85	94	83.7	1
16..	59.50	60.11	60.42	57.84	58.58	60.82	59.54	22.6	22.1	31.2	31.8	28.8	25.1	26.9	32.9	21.8	96	96	69	65	76	93	82.5	.....
17..	59.58	59.79	60.75	58.14	59.11	61.04	59.74	22.6	21.8	30.2	32.2	26	24.9	26.3	33	21.6	95	96	68	69	92	93	85.5	8.1
18..	60.23	60.28	60.90	59.42	59.19	60.51	60.09	23.7	23.2	30.7	25	25.7	24.7	25.5	31.6	23	95	97	74	92	93	94	90.8	11.5
19..	59.43	59.61	59.85	58.07	58.37	59.36	59.12	24.1	23.8	30.5	33.9	27.5	25.2	27.5	34.2	23.7	95	96	72	60	82	92	82.8	.....
20..	57.78	57.69	58.60	58.16	58.45	59.15	58.30	24.6	24.2	29.2	25.5	24.2	23.9	25.3	31.6	23.8	93	94	76	93	93	94	90.5	3.3
21..	57.76	57.86	58.65	58.05	57.78	59.17	58.21	23.7	22.6	29.4	24.4	24.9	23.9	24.8	30.6	22.3	96	97	78	95	94	95	92.5	15.7
22..	58.29	58.54	59.21	58.44	57.98	59.42	58.65	23.2	23	30.2	25.4	25.4	24.2	25.2	33	22.6	97	97	70	93	93	94	90.7	17.2
23..	58.60	59.37	59.89	58.68	58.92	60.19	59.28	23.6	22.8	28.9	30	26.6	24.8	26.1	31.1	22.6	97	97	77	70	90	93	87.3	.....
24..	58.96	59	59.24	57.40	58.18	59.21	58.66	23.6	23.1	29.5	29.6	26.4	24.8	26.2	31.2	22.8	95	96	73	70	86	94	85.7	.....
25..	58.10	58.54	58.45	57.56	57.77	58.80	58.20	24	23.4	30.2	29	26.5	24.7	26.3	31.4	23.2	96	97	70	74	90	93	86.7	.5
26..	58.40	58.85	59.04	57.33	57.69	59.82	58.52	23.8	23.2	29.6	29.8	29	25.1	26.8	31.1	22.8	96	97	77	75	78	93	86	1.3
27..	58.42	59.38	59.25	58.49	58.52	58.97	58.84	24.1	24.3	30.3	27.5	27.1	25.7	26.5	35	23.8	95	96	74	88	90	93	89.3	13.8
28..	58.23	58.59	59.35	57.48	57.69	58.95	58.38	24.1	23.7	29.8	29.9	28.4	24.9	26.8	31.4	23.5	95	97	75	69	82	94	85.3	.....
29..	58.23	58.51	58.52	56.23	56.55	58.31	57.72	23.7	23.2	29.8	28.7	28.1	25.9	26.6	30.6	22.9	95	96	77	85	88	93	89	2.3
30..	57.66	58.38	59.09	57.02	57.21	59.19	58.09	24.9	24.1	29.8	31.7	28.1	25.8	27.4	32.3	23.9	94	97	79	71	84	93	86.3	7.4
31..	57.98	58.81	59.20	57.45	58.06	59.84	58.56	24.6	23.8	29.9	30.6	27.6	25.8	27	31.6	23.4	95	97	77	74	86	93	87	15
Mean	58.45	58.84	59.35	57.52	58.11	59.58	58.61	24.1	23.5	30.1	29.9	27.2	25.2	26.6	32.1	23.2	94.9	96.2	73.7	74.1	85.8	92.7	86.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	145.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	N	SSE	SSW	Calm	Calm	19.3	29.3	34.4	9.5	92.5	5	Ci.	.....	5	Ci.	Cu.
2..	N	NNE	S	N	N	Calm	21.4	39.9	25.2	13.9	100.4	2	Ci.	Cu.	10	Ci.-S.	Fr.-N.
3..	N	Calm	SE	SE	N	Calm	18.5	25.7	31.7	17.5	93.4	7	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
4..	Calm	NNE	SE	S	Calm	Calm	14.7	27.9	32	12.4	87	3	Ci.	Cu.	4	Ci.	Cu.
5..	N	NNE	S	S	N	NNE	18.3	38.9	47	17.1	121.3	5	Ci. E	Cu.	4	Ci.	Cu.
6..	N	NNE	S	SSW	N	Calm	19.6	27.6	60.7	16.4	124.3	3	Ci.	Cu.	7	A.-Cu. SE	Cu.
7..	Calm	Calm	E	S	NE	Calm	18.8	22	38.6	8.3	87.7	8	Ci.-S.	Cu.-N. S	4	Ci.	Cu.
8..	N	N	SE	S	N	Calm	23.1	32	34	12.9	102	2	Ci.	Cu.	7	Ci.-S.	Cu.-N.
9..	NNE	NNE	SSE	SW	Calm	Calm	18.7	30.3	26.8	13.5	89.3	3	Ci.	Cu.	4	Ci.	Cu.
10..	NNE	Calm	SSE	SW	Calm	Calm	19.9	30.1	26	12.7	88.7	8	Ci.-S.	Cu.-N. SSW	8	Ci.-S.	Cu.-N.
11..	N	N	S	SSW	N	Calm	19.5	32.4	30.1	13.7	95.7	6	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
12..	N	Calm	WSW	W	Calm	N	17.4	33.5	28.7	16.3	95.9	5	Ci.	S.-Cu. SW	9	Ci.-S.	Cu.-N.
13..	N	N	S	S	N	Calm	22.5	29	37	14.8	103.3	4	Ci.	Cu.	5	Ci.	Cu.
14..	Calm	Calm	S	NE	Calm	N	12.6	34.4	24.7	15.6	87.3	2	.....	Cu.	6	Ci.	Cu.-N.
15..	N	N	S	W	N	N	25.7	37.2	36.7	23.5	123.1	2	Ci.	Cu.	5	Ci.	Cu. ENE
16..	N	N	E	S	Calm	N	28.5	30.9	52	15.6	127	1	.....	Cu.	3	.....	Cu. E
17..	N	N	S	SSW	N	Calm	25.9	33	52.5	17.4	128.8	0	.....	Cu.	5	Ci.	Cu.-N.
18..	NNE	Calm	S	Calm	NE	N	20.7	27.9	26.4	17.7	92.7	5	Ci.	Cu.	9	Ci.-S.	Fr.-N.
19..	Calm	N	ENE	E	Calm	NNE	16.7	45.1	40.5	17.9	120.2	3	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N. E
20..	N	Calm	S	NNW	Calm	Calm	20.7	43.7	35.6	16.9	116.9	4	Ci.	Cu.	9	Ci.-S.	Fr.-N.
21..	N	N	S	N	Calm	Calm	26.2	36.7	26.8	7.5	97.2	2	Ci.	Cu.	10	Ci.-S.	N. ENE
22..	N	N	N	Calm	Calm	Calm	19.6	30.3	16.1	9.1	75.1	5	Ci.	S.-Cu. ENE	10	Ci.-S.	N. E
23..	N	N	S	SE	Calm	Calm	16.4	24.9	40.2	8	89.5	4	Ci.	S.-Cu.	7	Ci.	Cu.-N.
24..	N	N	S	S	NE	NE	23.3	28.2	38.3	20.6	110.4	5	Ci.	Cu.	6	Ci.	Cu.
25..	N	N	S	N	Calm	Calm	23	32	32.2	11.5	98.7	2	Ci.	Cu.	8	Ci.-S.	Cu.-N.
26..	N	N	S	S	N	N	23.3	28	26	26.4	103.7	1	.....	Cu.	7	Ci.-S.	Cu.-N. NE
27..	Calm	N	N	E	Calm	Calm	16.3	31.6	26.2	11.5	85.6	7	Ci.	S.-Cu. ENE	9	Ci.-S.	N. E
28..	Calm	N	S	NW	N	Calm	19.5	26.4	26.4	8.3	80.6	4	Ci.	Cu.	7	Ci.-S.	Cu.-N.
29..	N	N	S	Calm	Calm	Calm	24.1	29	15.9	15.9	84.9	5	Ci.	Cu.	7	Ci.-S.	Cu.-N.
30..	N	Calm	SW	WSW	N	Calm	18.5	20.3	35.4	18.5	92.7	8	Ci.-S.	Cu.-N. S	5	Ci. SE	Cu.
31..	N	NNW	S	S	Calm	Calm	16.3	37.8	30.6	15.8	100.5	5	Ci.	Cu.	5	Ci.-S.	Cu.
Mean	.....	.....	.....	.....	.....	.....	20.3	31.5	33.4	14.7	99.9	4.1	.....	.....	6.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,096.4	.....	.....	.....	.....	.....	.....

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

JUNE, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	58.41	59.31	60.05	57.73	57.87	58.90	58.71	24.4	24.2	30.6	30.8	26.6	25.2	27	31.8	23.8	95	96	76	69	94	94	87.3	3.6
2..	58.31	58.63	58.82	56.89	56.90	58.76	58.05	24.4	24.3	30.1	28.8	25	24	26.1	30.9	23.8	96	97	76	83	92	94	89.7	19.3
3..	57.58	57.78	58.22	56.23	56.76	57.88	57.41	23.6	23	29.7	31.2	28.4	25.8	27	31.9	22.7	96	97	79	71	85	93	86.8	.....
4..	57.01	57.83	58.26	56.99	57.28	58.69	57.68	24.9	24.3	30.2	27	26.7	24.8	26.3	31.5	24.1	95	96	74	88	90	93	89.3	19.8
5..	57.70	58.37	58.94	57.69	57.94	59.85	58.42	23.9	24.1	29.7	29	27.2	25	26.5	31.4	23.7	96	97	76	79	84	93	87.5	.....
6..	59.13	59.46	59.79	57.74	57.97	59.69	58.96	24.8	23.7	29.1	28.2	26.7	24.8	26.2	30.6	23.5	95	96	74	80	90	93	88	2.1
7..	58.81	58.72	58.72	57.74	57.84	59.55	58.56	23.8	23.7	32	28.1	25.8	24.8	26.4	32.8	23.2	96	97	67	87	92	93	88.7	17.8
8..	58.38	58.96	59.70	57.94	58.73	59.75	58.91	23.8	23.7	30.3	29	27.2	24.4	26.4	30.7	23.3	96	97	72	81	87	93	87.7	2.5
9..	58.50	59.47	59.99	58.11	58.39	59.76	59.04	23.3	23	29	28	26	24.3	25.6	31.3	22.8	95	97	75	82	89	94	88.7	15.8
10..	59.08	59.57	59.59	57.38	58.81	60.07	59.08	23.8	23.8	30	31.2	24.9	23.9	26.3	31.5	23	96	97	75	68	89	94	86.5	10.2
11..	58.74	59.05	58.32	57.66	57.66	58.70	58.36	23.6	23.3	27.7	29.7	28	25.1	26.2	30.3	22.8	96	97	83	73	83	94	87.7	1.3
12..	57.90	58.19	58.18	56.93	57.57	58.60	57.90	23.3	23.2	29.7	31.2	26.9	24.7	26.5	31.6	22.5	95	96	79	73	85	94	87	1
13..	57.78	58.58	58.54	56.97	57.05	58.65	57.93	23.9	23.9	30.5	26.5	28.5	24.7	26.3	31.4	23.5	96	97	72	86	78	94	87.2	5.3
14..	58.05	59.06	59.64	57.40	57.70	59.40	58.54	23.3	23.5	26.8	28.4	28	24.1	25.7	29.9	22.7	95	94	82	80	83	93	87.8	.....
15..	58.82	59.22	59.03	58.02	58.27	60.04	58.90	23.6	23.5	28.2	27	26.4	25	25.6	30.7	23	95	96	80	88	92	93	90.7	2.8
16..	59.08	58.63	58.59	56.63	56.74	58.94	58.10	24	23.6	30.5	32	26	24.9	26.8	32.3	23.3	96	97	74	70	92	94	87.2	8.1
17..	57.64	58.09	57.94	55.78	56.75	58.14	57.39	23.6	23	30	30.6	27.5	25.8	26.8	31.6	22.7	96	97	71	69	85	93	85.2	4.6
18..	57.08	57.68	58.65	57.32	57.99	59.75	58.08	24.7	24.5	26.8	24.5	24.2	23.1	24.6	31.3	22.7	95	96	82	92	93	95	92.2	7.9
19..	57.96	59.31	60.18	58.62	59.03	60.17	59.21	23	24.1	28.9	30.6	29.4	26.2	27	31.5	22.5	96	95	77	67	70	90	82.5	.....
20..	59.60	59.82	59.70	58.42	59.11	60.50	59.52	24.2	24.1	30	33	26.6	24.5	27.1	34.1	23.5	94	95	75	63	83	94	84	.....
21..	58.86	59.18	58.55	58.98	58.06	59.08	58.78	23.4	22.9	30.2	24.9	25.8	23.9	25.2	30.8	22.7	95	97	73	84	89	95	88.8	33.5
22..	58.23	58.30	58.50	56.69	56.96	58.09	57.80	23.7	23.6	29.3	28.5	25.8	23.9	25.8	31	23.1	96	97	72	73	88	94	86.7	.....
23..	57.66	58.04	58.20	56.09	56.64	58.38	57.50	22.7	22.1	28.7	29.5	28.7	25.8	26.2	31.4	21.9	96	96	77	71	74	93	84.5	.....
24..	57.56	57.52	58.36	57.43	57.33	58.71	57.82	24.6	24.1	28.6	25.5	26.6	24.4	25.6	29.8	23.9	95	96	83	92	90	94	91.7	28.2
25..	57.24	57.35	57.63	56.41	56.58	57.70	57.15	23.3	22.7	27.5	26.6	24.4	23.3	24.6	27.8	22.5	96	97	82	86	94	96	91.8	32
26..	56.14	56.85	57.20	56.39	56.16	57.68	56.74	24.2	23.9	25.3	26.8	26.7	25.7	25.4	28.3	23.2	95	96	93	84	90	93	91.8	36.4
27..	57.48	58.27	58.51	57.61	58.21	59.66	58.29	23.9	23.8	27.8	30	28.7	25.4	26.6	30.8	23.6	97	97	87	71	78	93	87.2	.....
28..	59.05	59.70	59.39	58.07	58.84	60.49	59.26	24.2	24	30.2	30.3	26.9	25.3	26.8	31.9	23.8	95	96	74	78	91	93	87.8	1.3
29..	59.68	60.05	60.14	58.24	57.87	59.29	59.21	23.7	23.3	30.2	28.6	27	25.8	26.4	31.7	22.9	96	97	71	83	84	92	87.2	.....
30..	58.18	58.66	58.59	57.16	57.49	58.61	58.12	23.4	23.2	28.9	26	25.7	24.7	25.3	30.8	22.8	95	97	79	88	94	94	91.2	28.2
Mean	58.19	58.66	58.86	57.38	57.68	59.12	58.31	23.8	23.6	29.2	28.7	26.7	24.8	26.1	31.1	23.1	95.5	96.4	77	78.6	86.9	93.5	88	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	281.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	N	SE	ESE	Calm	Calm	18.2	26.2	26.4	12.3	83.1	7	Ci.-S.	S.-Cu. S	8	Ci.-S.	Cu.-N.
2..	N	Calm	SE	N	Calm	Calm	16.1	28.4	30.8	12.7	88	8	A.-Cu. S	S.-Cu.	8	Ci.-S.	Cu.-N.
3..	Calm	N	SE	S	N	N	18.3	28.4	36.8	14.5	98	4	Ci.	Cu.	4	Ci.	Cu.
4..	Calm	Calm	ESE	Calm	Calm	Calm	14.5	33.2	18.5	13.9	80.1	6	Ci.-S.	S.-Cu.	9	Ci.-S.	N. E
5..	N	N	S	SE	N	Calm	20.3	41.5	49.9	13.9	125.6	2	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
6..	Calm	Calm	S	N	Calm	Calm	12.4	27.7	29.2	15.8	85.1	2	Ci.	Cu.	9	Ci.-S.	Cu.-N. E
7..	Calm	N	E	E	Calm	Calm	17.1	27.2	31.4	10	85.7	4	Ci.	Cu.	9	Ci.-S.	N. ESE
8..	N	Calm	SSE	SE	ESE	N	16.1	48.1	40.2	17.7	122.1	6	Ci.	Cu.	7	Ci.-S.	Cu.-N. ESE
9..	N	N	SSE	S	Calm	N	23.5	20.9	22.7	17.9	85	2	Ci.	Cu.	9	Ci.-S.	N. E
10..	N	N	SE	S	N	N	18.2	33.8	37.6	17.4	107	7	A.-Cu. ESE	Cu.	6	Ci.-S.	Cu.-N.
11..	N	NNW	NE	NE	NE	Calm	18	18.3	27.9	16.4	80.6	7	Ci.-S.	S.-Cu.	9	Ci.-S.	S.-Cu. E
12..	N	N	S	E	N	N	20.1	39.2	34.8	17.1	111.2	5	Ci.	Cu.	8	Ci.-S.	Cu. E
13..	Calm	Calm	SE	ENE	ENE	Calm	15.1	34	39.1	10	98.2	5	Ci.-S.	S.-Cu. E	8	Ci.-S.	Cu.-N.
14..	Calm	N	ESE	SE	Calm	Calm	19.1	26.9	27.1	11.8	84.9	6	A.-Cu. SE	S.-Cu.	8	Ci.-S.	S.-Cu.
15..	N	Calm	S	N	N	N	15.6	23.8	33.3	20.4	93.1	8	Ci.-S.	S.-Cu.	9	Ci.-S.	N. E
16..	Calm	N	SE	S	N	Calm	16.9	35.2	45.6	19.5	117.2	6	Ci.-S.	S.-Cu.	6	Ci.	Cu. E
17..	N	N	SSE	S	Calm	NNW	26.6	36.2	23.8	18	104.6	0	.....	Cu.	5	.....	Cu.
18..	N	Calm	S	NNE	Calm	Calm	15	32.2	33.6	15.3	96.1	8	Ci.-S.	S.-Cu. S	10	Ci.-S.	Fr.-N.
19..	W	Calm	S	S	Calm	Calm	38.9	42.9	23.5	10.2	115.5	7	A.-Cu. S	S.-Cu.	9	Ci.-S.	Cu.
20..	Calm	Calm	SE	SW	N	N	16.4	30.6	25.9	20.6	93.5	1	.....	Cu.	2	.....	Cu.
21..	N	N	S	S	Calm	Calm	23.1	45.3	30.1	12.6	111.1	0	.....	Cu.	10	Ci.-S.	N. ESE
22..	N	Calm	S	E	Calm	Calm	15.1	23.6	37.3	13.1	89.1	5	A.-Cu. SE	S.-Cu.	8	Ci.-S.	Cu.-N. E
23..	N	N	SSW	S	N	Calm	26.4	24.1	30.8	7.8	89.1	5	Ci.	s.-cu. WSW	5	Ci.	Cu.
24..	Calm	Calm	S	N	N	N	13.4	31.2	28	11.9	84.5	8	Ci.-S.	S.-Cu.	9	Ci.-S.	N.
25..	Calm	N	S	NNW	Calm	Calm	15.8	30.3	18.5	8.3	72.9	7	Ci.-S.	Cu.-N.	10	Ci.-S.	N. NNW
26..	SW	Calm	Calm	WSW	S	Calm	42.1	27.9	72.4	24.3	166.7	10	Ci.-S.	N. S	10	Ci.-S.	S.-Cu. SW
27..	N	N	Calm	S	Calm	N	15.3	14.2	21.9	9.9	61.3	10	Ci.-S.	S.-Cu.	6	Ci.	Cu.
28..	N	N	SE	S	N	Calm	18.8	43.5	39.9	14.2	116.4	7	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.
29..	N	NNE	SE	NE	N	Calm	23.3	33.5	30.1	9.1	96	0	.....	Cu.	8	Ci.-S.	Cu.-N. E
30..	Calm	N	S	N	Calm	Calm	18.5	29.3	27.7	4.5	80	6	A.-Cu. E	S.-Cu.	10	Ci.-S.	N. E
Mean	.....	.....	.....	.....	.....	.....	19.6	31.3	32.5	14	97.4	5.3	.....	.....	7.8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,921.7	...	.....	.....	...	.....	.....

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

JULY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1..	57.53	57.58	58.30	56.54	57.48	58.66	57.68	23.7	22.8	28.8	31	26.6	25.1	26.3	31.9	22.7	96	97	79	75	88	93	88	.....
2..	57.31	57.78	58.48	56.99	57.30	58.58	57.74	24.9	24	30.3	30.5	28.2	27.3	27.5	32.4	23.8	94	96	74	68	82	84	83	5.6
3..	57.59	57.40	57.78	56.44	56.84	58.36	57.40	25.1	24.6	29	32.5	28.4	25.5	27.5	32.8	24.4	94	96	80	66	82	89	84.5	4.3
4..	56.68	56.30	57.16	55.78	55.82	56.84	56.43	24.7	27.8	30.2	29.4	27.8	27.3	27.9	30.6	24.2	94	86	74	76	82	84	82.7	.....
5..	55.79	55.85	56.59	55.49	55.43	56.80	55.99	27.7	27.8	30.2	30.8	28.8	26	28.6	31.1	25.6	82	82	74	73	77	92	80	5.6
6..	55.81	56.11	56.83	55.48	55.70	56.98	56.15	26.8	26.7	29.7	29	28.2	25.9	27.7	30.6	25.7	87	86	80	81	80	93	84.5	9.4
7..	56.58	56.81	57.10	55.87	56.66	57.84	56.81	25.7	24.5	29.9	30.4	29.2	26.7	27.7	30.9	24.4	94	96	82	74	79	93	86.3	16.5
8..	55.99	57.37	57.16	55.95	56.51	57.06	56.67	25.2	25	29.3	30.9	28.8	25.7	27.5	32.2	24.5	95	97	81	71	81	93	86.3	3.3
9..	56.67	56.67	56.61	55.43	55.54	57.98	56.48	24.6	24.2	30.5	32.1	29.5	25.9	27.8	32.6	23.8	94	96	75	71	75	93	84	.....
10..	56.21	56.34	57.04	55.61	55.93	57.26	56.40	25.1	25.4	29.4	29.5	28.9	27.9	27.7	30.6	24.2	95	94	74	77	80	85	84.2	1.8
11..	56.31	56.09	57.44	55.66	56.11	56.69	56.38	27.8	27.6	28.9	30.4	28.9	27.8	28.6	31	25.8	86	86	77	74	78	83	80.7	.....
12..	55.81	56.56	57.09	55.71	56.19	57.55	56.48	27.3	26.4	24.9	29	28.4	25.8	27	30.5	23.8	86	84	95	84	71	93	85.5	117.2
13..	57.08	57.39	57.64	55.65	56.31	57.62	56.95	22.9	23.1	29.8	31	28	25.8	26.8	31.5	22.7	97	97	83	72	79	93	86.8	.....
14..	55.99	56.53	57.19	54.74	55.99	57.43	56.31	24.2	23.6	29.5	30.7	24.8	24	26.1	32.4	23.5	95	96	73	70	93	95	87	28.4
15..	55.98	56.33	56.53	55.23	55.56	56.24	55.98	23.7	23.9	27.2	25.6	25.5	24.7	25.1	28.9	23.5	97	97	86	94	94	94	93.7	28.1
16..	55.08	55.18	56.23	55.52	55.76	57.21	55.83	24.2	23.9	24.8	27.2	26.2	25.2	25.2	27.7	23.3	95	97	94	83	88	94	91.8	26.7
17..	56.23	56.77	57.71	56.16	56.50	57.81	56.86	25.2	24.7	28.2	29.9	28.3	25.8	27	30.2	24.3	94	96	77	73	75	92	84.5	6.6
18..	56.31	57.04	57.60	55.75	56.26	57.92	56.81	24.5	24.1	29.4	30.2	28.6	26.2	27.2	31	23.8	95	97	76	75	79	92	85.7	24.4
19..	56.94	57.55	57.69	56.64	57.14	58.79	57.46	24.9	24.3	29.8	30.9	28.3	26	27.4	31.2	24.1	94	95	83	72	86	90	86.7	1
20..	57.84	58.63	59.04	57.91	58.23	59.45	58.52	24.9	24.1	29	27.8	25.9	24.5	26	31	23.9	94	97	74	76	88	94	87.2	.8
21..	58.20	58	58.45	57.59	58.11	59.56	58.32	23.6	23.4	29.4	27.3	25.2	24.1	25.5	29.9	22.9	96	97	79	87	94	94	91.2	41.2
22..	58.73	59.18	59.83	58.21	58.38	60.08	59.07	23.6	24	25.4	28.8	26.6	24.8	25.5	29.4	23.5	97	95	90	79	87	94	90.3	12.8
23..	59.36	59.96	60.11	58.44	58.71	59.97	59.42	24.1	23.9	28.8	31.7	28.4	25.1	27	32.2	23.6	96	97	82	72	80	94	86.8	.....
24..	58.67	59.06	59.63	57.70	58	59.22	58.71	24	24.4	28.2	30.8	26	24.7	26.4	31	23.9	96	94	79	74	92	94	88.2	15.7
25..	58.58	58.50	58.46	57.16	57.39	58.10	58.03	24	23.3	28.9	30.2	28.3	25.7	26.7	31	23	95	96	76	74	77	89	84.5	1
26..	57.24	57.73	57.90	56.35	58.42	58.38	57.67	24.3	24	31.2	27.4	22.9	22.8	25.4	32.3	22.7	95	97	73	89	92	94	90	38.4
27..	56.96	56.65	57.26	55.48	56.01	57.66	56.67	25.9	27	30.1	31.4	29.1	27.9	28.6	32.1	23.1	91	84	76	70	76	82	79.8	.....
28..	55.91	56.74	56.80	55.90	56.11	58.12	56.60	27.6	27.5	28.5	30.2	29	27.8	28.4	31.1	27.2	83	82	78	73	75	79	78.3	.....
29..	56.01	56.90	57.51	56.09	56.93	58.33	56.96	27.9	27.9	30.5	33.5	29.7	27.8	29.6	33.8	26.1	79	80	78	61	76	84	76.3	5.3
30..	56.97	57.62	58.29	57.23	57.36	59.04	57.75	27.9	28	29.8	33	29.5	27.8	29.3	33.9	26.6	84	83	70	64	76	84	76.8	1.8
31..	57.79	58.16	58.21	57.17	57.61	59.18	58.02	26.9	26.3	29.4	33.8	29.2	28.6	29	34.2	25.7	86	86	75	60	74	75	76	.....
Mean	56.91	57.25	57.73	56.32	56.78	58.09	57.18	25.3	25.1	29	30.2	27.8	26	27.2	31.4	24.2	92.1	92.2	78.9	74.5	81.8	89.7	84.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	395.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10.*			*0–10.*		
1..	N	N	S	SSW	N	Calm	15	26.4	30.4	23.3	95.1	4	Ci.	Cu.	6	Ci.-S.	Cu. WNW
2..	Calm	NNW	SW	SW	WSW	SW	20.6	36	45.1	39.4	141.1	8	A.-Cu.	S.-Cu. sw	7	Ci.-S.	Cu. WSW
3..	W	NW	SW	WSW	SW	SW	29.6	40.4	46.4	34	150.4	8	Ci.-S.	N. WSW	7	Ci.-S.	Cu. WSW
4..	W	SW	WSW	WSW	WSW	SW	44	98.7	96.6	82.7	322	9	Ci.-S.	s.-Cu. wsw	9	Ci.-S.	S.-Cu. W
5..	SW	SW	WSW	WSW	W	W	93.1	77.5	59.5	36.4	266.5	9	Ci.-S.	S.-Cu. W	9	Ci.-S.	S.-Cu. W
6..	W	W	WSW	WSW	W	Calm	44.9	67.4	48.6	23.6	184.5	9	Ci.-S.	s.-cu. wsw	9	Ci.-S.	S.-Cu. wsw
7..	Calm	Calm	S	S	Calm	Calm	11.1	30.9	26.4	14.2	82.6	9	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu. SW
8..	Calm	S	S	SW	Calm	Calm	13.4	24.7	37.8	12.7	88.6	10	Ci.-S.	N.	8	A.-Cu. W	Cu.
9..	N	Calm	SE	SSW	Calm	Calm	11.1	24.4	40.7	10.5	86.7	8	Ci.-S.	s.-cu. ssw	7	A.-Cu. SW	Cu.
10..	Calm	Calm	SE	SW	W	SW	12.6	21.1	43.7	55.2	132.6	8	Ci.-S.	S.-Cu. S	9	Ci.-S.	S.-Cu.
11..	S	S	SSW	WSW	S	SW	96.8	48.5	52.6	33.5	231.4	9	Ci.-S.	S.-Cu. SbyW	9	Ci.-S.	S.-Cu.
12..	S	WNW	Calm	Calm	Calm	Calm	26.9	23.1	17.9	13.4	81.3	10	Ci.-S.	N. SW	9	Ci.-S.	S.-Cu.
13..	S	Calm	SSE	SSW	Calm	Calm	33.3	20.4	32	13.5	99.2	10	Ci.-S.	S.-Cu.	8	A.-Cu. sbyw	Cu.
14..	Calm	N	S	S	N	Calm	16.3	23.9	45.1	15	100.3	8	Ci.-S.	S.-Cu.	7	Ci.-S.	S.-cf. N
15..	Calm	N	Calm	WNW	Calm	Calm	15.5	23.3	27.7	3.2	69.7	10	Ci.-S.	N. N	10	Ci.-S.	N. NW
16..	Calm	Calm	NW	S	Calm	E	2.6	41.8	71.3	47.7	163.4	10	Ci.-S.	N. SE	10	Ci.-S.	S.-Cu. S
17..	Calm	Calm	S	S	Calm	N	26.6	38.1	45.6	12.6	122.9	9	Ci.-S.	s.-cu. ssw	8	Ci.-S.	Cu.
18..	N	Calm	S	S	S	Calm	15.1	33.5	31.6	9.5	89.7	8	Ci.-S.	s.-cu. ssw	7	Ci.-S.	Cu.
19..	Calm	NNW	Calm	S	Calm	Calm	18	17.1	15.9	4.2	55.2	10	Ci.-S.	S.-Cu.	9	Ci.-S.	S.-Cu.
20..	Calm	Calm	S	E	Calm	Calm	10.7	22.5	28.2	13.9	75.3	5	Ci.	Cu.	8	Ci.-S.	Cu.-N.
21..	N	Calm	S	Calm	Calm	Calm	22	20.3	11.9	8.3	62.5	4	Ci.	Cu.	10	Ci.-S.	Fr.-N.
22..	Calm	SSE	W	SW	Calm	Calm	28.4	33.3	45.3	9.7	116.7	10	Ci.-S.	N. S	7	A.-Cu. S	S.-cf. W
23..	Calm	Calm	S	SW	Calm	Calm	7.4	18.2	34.9	9.9	70.4	8	Ci.-S.	S.-Cu. sw	6	Ci.	Cu. WNW
24..	N	Calm	W	W	Calm	N	7.8	39.1	48.1	16.1	111.1	10	Ci.-S.	S.-Cu. W	8	Ci.-S.	S.-cf. W
25..	Calm	Calm	S	W	WSW	Calm	17.5	21.2	36	17.2	91.9	9	Ci.-S.	S.-Cu. W	8	A.-Cu.	S.-Cu. W
26..	N	Calm	W	SW	WNW	Calm	19.3	71.3	37.2	13.9	141.7	5	.....	Cu. W	9	Ci.-S.	Cu.-N. W
27..	W	WSW	SW	SW	WSW	SW	67.3	74.8	73.2	78.3	293.6	10	Ci.-S.	S.-Cu. W	8	Ci.-S.	S.-cf. wsw
28..	SW	SW	SW	SW	SW	SW	81	67.6	66.5	83.4	298.5	8	A.-Cu.	s.-cu. wsw	8	Ci.-S.	S.-Cu. SW
29..	SSW	SSW	WSW	SSW	SSW	SW	81.8	64.6	50.5	54.2	251.1	8	A.-Cu.	S.-Cu. sw	8	Ci.-S.	Cu. SW
30..	SW	SW	SSW	SSW	SSW	SW	79.9	72.2	59.3	54.5	265.9	9	Ci.-S.	S.-Cu. sw	6	Ci.-S.	S.-cf. SW
31..	Calm	SW	SW	SW	SSW	SSW	50.7	54.5	56.3	36.8	198.3	10	Ci.-S.	S.-Cu. sw	6	Ci.	Cu. SW
Mean	.....	.....	.....	.....	.....	.....	32.9	41.2	43.9	28.4	146.5	8.5	.....	.....	8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,540.2	.....	.....	.....	.....	.....	.....

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

AUGUST, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.89	58.25	58.41	57.32	57.57	58.91	58.06	28.6	27.5	29.2	33.8	29.6	25.8	29.1	34.3	25	74	79	76	59	69	92	74.8	.....
2..	58.16	57.94	58.30	57.24	57.53	58.65	57.97	24.9	24.8	30.7	31.8	28.8	26.1	27.8	34.1	24.4	93	93	72	66	76	91	81.8	.....
3..	57.76	57.12	58.24	57.13	57.52	59.07	57.81	24.7	24.6	30.7	30.8	24.6	24.5	26.6	32	24.1	94	94	71	71	93	94	86.2	26.5
4..	57.39	57.77	59.20	57.86	57.86	59.09	58.20	24.5	23.4	23.7	25.2	25.1	25	24.5	26	23.3	94	97	96	94	91	92	94	66.3
5..	58.32	58.77	59.21	57.47	57.66	59.24	58.44	24	23.5	29.2	30.4	28.3	25.5	26.8	30.7	23.5	96	96	76	69	77	94	84.7	.....
6..	58.63	58.86	59.04	57.74	58.08	58.55	58.48	23.8	23.5	29.6	30.8	26.5	24.1	26.4	32.6	23.3	95	95	74	64	88	95	85.2	1
7..	57.84	57.75	57.66	56.83	56.11	57.55	57.29	22.9	22.8	28	26.9	25	23.9	24.9	30.4	22.6	96	97	85	89	92	95	92.3	12.5
8..	56.40	56.68	57.15	55.33	56.16	57.71	56.57	22.8	22.2	28.8	29.9	27.7	25.6	26.2	31.9	22	96	97	76	69	82	93	85.5	.....
9..	57.08	57.62	57.94	56.55	56.97	58.43	57.43	24.7	23.8	29.1	30.8	27.9	25.9	27	32.2	23.4	94	96	80	69	82	93	85.7	.....
10..	56.96	57.59	58.82	56.80	56.94	58.61	57.62	24.9	26.6	26.2	29.8	28.8	25.7	27	30.5	24.7	94	89	88	79	75	92	86.2	19
11..	57.29	57.54	58.25	57.10	57.84	59.05	57.84	25.1	25.5	30.1	32	29.4	25.2	27.9	32.6	24.6	96	93	76	63	72	92	82	.....
12..	58.08	58.33	58.84	57.01	57.65	59.61	58.25	23.9	23.6	30.1	31.7	27.8	25.8	27.2	32.8	23.3	94	95	74	66	83	93	84.2	.....
13..	58.56	58.97	58.94	56.63	57.20	58.71	58.17	24.6	24	30.5	31.2	29.4	25.8	27.6	32.6	23.7	95	96	76	71	74	88	83.3	.....
14..	57.51	57.48	57.71	55.71	55.99	57.58	57	24.7	23.7	29.8	33.8	29.4	26.5	28	34.3	23.3	94	96	78	59	76	90	82.2	.....
15..	56.31	56.48	56.70	54.82	55.38	56.36	56.01	25	24	30.5	33	28.9	27.2	28.1	33.6	23.8	94	96	81	67	75	86	83.2	.....
16..	55.06	54.67	55.06	53.33	53.93	54.71	54.46	28	28.3	29.8	31.8	28.4	27.8	29	32	27.4	81	79	75	70	79	79	77.2	.5
17..	53.44	53.90	54.94	53.71	54.35	55.80	54.36	27.8	27.7	28.3	29.5	27.9	28.2	28.2	30.2	26.6	82	82	80	78	82	79	80.5	2.3
18..	55.25	55.60	56.81	55.66	56.33	58.07	56.29	28.1	28.4	28.9	30.4	28.3	26.6	28.4	31.2	26.3	78	75	76	70	79	87	77.5	1.3
19..	56.87	57.09	57.94	56.82	57.81	58.86	57.56	27.5	27.9	30	33	28.6	25.7	28.8	34.1	25	83	82	71	68	77	93	79	18
20..	58.01	57.93	58.58	57.29	58.24	59.91	58.33	25.1	26.7	29.5	29.9	28.9	26.1	27.7	31.1	24.8	94	83	68	73	77	93	81.3	.....
21..	58.89	59.18	59.79	58.32	58.27	60.08	59.09	24.9	23.7	30.4	32.5	27.4	24.9	27.3	33	23.5	94	96	75	66	85	93	84.8	.8
22..	59.41	59.82	59.96	58	58.44	59.95	59.26	23.9	23.1	29.9	33	28.6	25.7	27.4	33.8	22.9	95	96	76	65	80	93	84.2	4.8
23..	58.63	59.20	59.50	58.91	59.92	60.86	59.50	24	23.1	29.5	25	25.5	24.7	25.3	30	23	96	97	75	92	92	94	91	15.5
24..	59.88	60.28	60.73	58.42	60.06	60.92	60.05	23.5	22.7	29	31.4	27.4	24.8	26.5	32.6	22.5	95	96	77	69	84	93	85.7	1.3
25..	59.81	60.15	60.20	58.52	59.21	59.99	59.65	23.7	23.2	29.8	32.3	26.2	24.8	26.7	33.4	22.9	96	96	76	67	94	94	87.2	7.2
26..	59.11	58.92	59.15	57.14	57.39	58.91	58.44	23.9	23.4	29.5	30.5	25.4	23.9	26.1	33.4	23.2	95	96	77	70	93	94	87.5	.5
27..	58.27	58.36	58.85	56.83	57.46	59.89	58.28	23	22.4	29.5	32.6	26	25.8	26.6	33.5	22.3	96	73	62	89	89	94	84.2	1
28..	58.81	59.03	59.29	57.41	57.33	59.10	58.50	24	23.4	29.6	26.9	26.4	24.4	25.8	32.3	23.2	95	97	77	89	89	94	90.2	13.8
29..	57.84	57.73	58.48	56.60	56.31	57.36	57.39	23.5	22.7	28.5	26.1	26.9	24.7	25.4	31.7	22.6	96	97	81	87	86	94	90.2	2.3
30..	56.40	56.08	57.19	54.85	55.73	57.16	56.24	23.6	23	27.9	31.5	26	24.7	26.1	31.8	22.8	96	97	83	72	89	94	88.5	.....
31..	55.65	55.81	56.73	54.52	55.42	57.48	55.94	23.4	23	28.9	31.5	25.9	24.5	26.2	32.6	22.9	96	97	78	66	89	94	86.7	42.9
Mean	57.60	57.77	58.31	56.71	57.18	58.59	57.69	24.7	24.4	29.2	30.6	27.5	25.5	27	32.2	23.8	92.5	92.6	77.3	71.6	82.9	91.5	84.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	237.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	SW	S	S	SE	Calm	52:3	60.2	42.4	5.3	160.2	9	Ci.-S.	S.-Cu. sw	7	Ci.	Cu. SW
2..	Calm	Calm	S	SW	S	Calm	7	27.9	41.8	17.5	94.2	8	Ci.-S.	S.-Cu. sw	8	Ci.-S.	S.-Cu. SW
3..	Calm	Calm	SW	SW	Calm	Calm	13.2	34.6	41.3	9.1	98.2	8	Ci.-S.	S.-Cu. sw	8	Ci.-S.	Cu.
4..	Calm	Calm	Calm	SW	SW	N	9.5	25.7	36.5	28.2	99.9	10	Ci.-S.	Fr.-N.	10	Ci.-S.	N. SW
5..	Calm	Calm	S	S	Calm	Calm	10.5	17.7	26	14.2	68.4	8	A.-Cu.NE	S.-Cu.	6	A.-Cu. ENE	Cu.
6..	NNE	NNE	S	NW	Calm	Calm	24.9	28.7	23.3	14.3	91.2	7	A.-cu.ENE	S.-Cu.	8	Ci.-S.	Cu.-N.
7..	N	N	S	E	Calm	N	23	24.9	24.9	16.1	88.9	2	.....	Cu.	10	Ci.-S.	N. NNW
8..	N	N	S	S	NE	Calm	21.5	35.7	44.9	13.7	115.8	3	Ci.	Cu.	5	Ci.	Cu.
9..	N	N	SE	W	Calm	N	18.2	24.4	30.6	16.4	89.6	8	Ci.-S.	S.-Cu.SSW	7	Ci.-S.	Cu. SW
10..	Calm	SW	SW	SW	SSW	Calm	12.7	33.8	78.9	27.7	153.1	8	Ci.-S.	S.-Cu. sw	8	Ci.	S.-Cu. SW
11..	SE	ESE	SE	SSE	S	Calm	22.8	36	38.6	15.5	112.9	9	Ci.-S.	s.-cu. sEbyS	7	Ci.-S.	Cu.
12..	NE	Calm	SSE	SE	N	Calm	19.3	31.2	26.4	14.7	91.6	3	Ci.	S.-Cu.	7	Ci.-S.	Cu.-N.
13..	NNE	NNE	S	S	NE	NNE	21.9	30.9	43.1	15.3	111.2	5	Ci.	Cu.	4	Ci.	Cu.
14..	N	N	S	S	Calm	Calm	21.7	31.7	44.8	11	109.2	2	Ci.	Cu.	4	Ci.	Cu.
15..	N	NNE	SW	W	W	W	18.2	35.4	95.2	34.1	182.9	3	Ci.	Cu.	6	Ci.	Cu. W
16..	WSW	WSW	WSW	WSW	WSW	SW	119.3	106.2	82.3	68.6	376.4	10	Ci.-S.	S.-Cu. W	10	Ci.-S.	S.-Cu. W
17..	SSW	SSW	SSW	SSW	SW	SSW	125.2	164.3	116.4	158.3	564.2	10	Ci.-S.	S.-Cu. sw	9	Ci.-S.	S.-Cu. SW
18..	SSW	S	S	S	SSW	NW	181.6	163.9	80	54.7	480.2	10	Ci.-S.	s.-Cu. SSW	8	Ci.-S.	Cu.
19..	S	SSE	S	SSW	E	Calm	55.2	67.9	51.2	14.8	189.1	8	Ci.-S.	S.-Cu. SbyW	8	Ci.-S.	Cu.
20..	Calm	S	SE	S	Calm	Calm	26	32	30.6	13.1	101.7	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
21..	N	N	SE	S	N	N	21.7	34.4	38.8	25.4	120.3	4	Ci.	Cu.	1	.....	Cu.
22..	N	N	S	SSW	Calm	N	26.6	36.7	36.4	14.8	114.5	3	Ci.	Cu.	6	Ci.	Cu. NNE
23..	N	N	SE	NE	N	Calm	18.7	31.4	29	14.3	93.4	3	Ci.	Cu.	10	Ci.-S.	N. NNE
24..	N	N	S	SW	N	Calm	23.3	30	38.6	13.4	105.3	0	.....	Cu.	6	Ci.-S.	Cu.
25..	N	N	S	W	Calm	N	23.6	33.5	37.3	18.3	112.7	4	Ci.	Cu.	8	Ci.-S.	Cu.-N.WNW
26..	Calm	N	S	W	N	N	23.3	33.5	39.2	25.2	121.2	4	Ci.	Cu.	8	Ci.-S.	Cu.-N.
27..	N	N	S	W	NE	Calm	29.3	32.8	53.3	13.5	128.9	1	.....	Cu.	2	.....	Cu.
28..	N	N	S	N	Calm	N	24.6	36.5	21.9	20.6	103.6	5	Ci.	Cu.	8	Ci.-S.	Cu.-N. NNE
29..	N	N	S	N	Calm	N	27.7	29.8	28.4	15.1	101	4	Ci.	Cu.	8	Ci.-S.	Cu.-N.
30..	N	NNW	S	W	N	Calm	24.7	18.7	33	18.2	94.6	5	Ci.	Cu.	8	Ci.-S.	Cu.
31..	N	N	S	W	NW	NE	26.6	26.9	47.8	20.3	121.6	6	Ci.	Cu.	7	Ci.-S.	Cu. W
Mean	.....	.....	.....	.....	.....	.....	34.6	43.8	45.3	24.6	148.3	5.8	.....	.....	7.1	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,596	.....	.....	.....	.....	.....	.....

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

SEPTEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	56.83	56.85	57.81	56.74	56.79	57.98	57.17	23.6	23.8	25.9	26	25.8	26.8	25.3	27.9	23.4	97	95	94	89	89	84	91.3	11.9
2..	56.91	57.84	58.91	56.88	56.95	58.31	57.63	25.3	26.6	27.9	28.9	27.8	27.6	27.4	30.1	25	92	83	78	73	80	81	81.2	.5
3..	56.90	57.52	58.38	56.56	57.31	58.12	57.46	27.4	24.8	26.8	28.7	26.1	25	26.5	29.8	24.2	81	90	82	73	88	93	84.5	3.8
4..	56.88	56.91	57.31	56.36	56.27	57.11	56.81	24	25.6	28	25.6	25.1	25.5	25.6	28.6	23.8	96	84	73	81	94	93	86.8	5.2
5..	56.17	56.91	56.81	55.64	56.37	57.90	56.63	26.8	24.7	28.5	28.8	27.3	25.7	27	30.1	24.4	85	91	78	76	84	93	84.5	.3
6..	56.93	57.76	58.30	57.04	57.36	59.06	57.74	26.2	24.7	29.7	30.8	28.5	25.7	27.6	31.1	24.4	90	95	76	69	77	93	83.3	9.6
7..	58.01	58.13	58.19	56.58	56.51	58.28	57.62	24.5	23.6	28.9	31.9	28	25.7	27.1	32.3	23.4	95	97	81	69	82	93	86.2	4.3
8..	57.08	56.99	58.09	56	56.24	57.31	56.95	24.9	23.9	29.3	29.2	27.1	25.4	26.6	30	23.7	94	95	81	79	85	92	87.7	.3
9..	56.28	57.01	59.17	56.01	56.60	58.28	57.22	24.9	25.4	23.6	26.8	26.7	25.7	25.5	27.2	23.5	94	86	91	84	85	90	88.3	13.2
10..	56.76	57.35	58.46	57.20	57.81	59	57.76	24.9	23.1	28.4	28.1	26	26.3	26.1	30.6	22.9	94	97	82	79	90	89	88.5	2.3
11..	58.09	58.08	58.84	56.94	57.41	59.19	58.09	24.7	24.1	30	30.8	28.4	25.6	27.3	31.4	23.8	92	96	77	64	77	91	82.8	2.5
12..	58.84	58.52	59.45	57.93	57.92	59.60	58.71	24.8	23.6	29.7	29	25.9	24.9	26.3	30.4	23.4	94	96	77	76	88	94	87.5	1.5
13..	58.48	59.18	60.51	58.22	58.14	59.61	59.02	23.8	23.6	26.3	25.9	25.2	23.8	24.8	28.7	23	95	96	83	83	88	94	89.8	.3
14..	58.80	59	59.75	57.88	58.95	60.25	59.10	22.7	22	29.2	31.9	27.4	24.9	26.4	32.3	21.7	96	96	72	70	84	92	85	.....
15..	59.32	59.61	59.79	57.73	58.88	59.75	59.18	23.1	22.1	29.3	32	25	23.9	25.9	32.4	21.9	97	97	70	59	92	94	84.8	13
16..	58.92	58.26	58.48	57.08	57.07	58.61	58.07	23.2	23.1	30	25.4	25.8	24.7	25.4	32	22.8	96	97	70	93	93	94	90.5	53.9
17..	57.13	57.64	58.23	56.34	57.86	59.57	57.80	23.9	23.6	29.9	32.4	27.6	25.7	27.2	33.3	23.3	96	97	77	63	84	93	85	1
18..	58.85	59.06	59.51	57.84	58.90	59.86	59	24.4	24.3	29	27.6	25.4	24	25.8	31.1	23.3	94	95	75	84	93	95	89.3	5.4
19..	59.06	59.26	59.56	56.88	57.82	58.79	58.56	23.1	22.9	28.4	29.5	25.6	25.3	25.8	29.8	22.6	96	97	82	75	90	92	88.7	6.1
20..	57.99	58.50	58.80	56.97	57.81	58.70	58.13	24	23.3	28.3	28.5	26.2	24.7	25.8	29.8	23.1	95	96	78	81	90	94	89	2.8
21..	58.23	58.76	59.60	57.98	58.97	60.28	58.97	23.9	23.3	29.5	29.1	26	24.9	26.1	30.8	23	96	97	76	76	89	93	87.8	3.8
22..	59.35	59.38	59.49	58.18	58.89	60.12	59.24	24.6	24.8	28	29.9	26.3	24.6	26.4	32.1	24	95	95	83	65	90	93	86.8	6.1
23..	58.70	59.02	58.86	56.54	57.80	59.15	58.34	23.9	23.7	28.6	31.7	28.4	25.8	27	32.4	23.5	96	97	77	69	78	93	85	.3
24..	57.94	58.96	59.29	56.44	56.49	58.22	57.89	24.8	24.4	30.4	31.1	27.7	25.9	27.4	32.2	23.8	94	95	72	67	82	93	83.8	2
25..	57.13	57.03	57.35	55.36	56.45	57.51	56.80	24.8	23.6	29	30	27.7	24.8	26.6	32.1	23.3	94	95	76	75	85	94	86.5	48.2
26..	56.18	56.87	57.50	55.93	56.99	58.61	57.01	24.6	24.7	29.5	31.4	27.6	25.4	27.2	32.1	23.7	95	96	76	73	80	91	85.2	19.6
27..	57.09	57.54	58.46	56.31	57.21	58.46	57.51	24.8	25.8	28.5	29.6	26.9	26.2	27	30.3	24.1	94	88	79	79	85	86	85.2	30.8
28..	56.72	57.15	57.86	56.34	56.92	58.36	57.22	26.2	27.7	28.9	29.5	28.1	27.6	28	29.8	26.1	90	84	78	79	80	80	81.8	.....
29..	57.35	57.97	58.49	56.99	57.57	58.99	57.89	26.9	26.4	30.3	29.4	27.7	25.8	27.8	30.7	25.3	84	85	69	76	83	93	81.7	.....
30..	58.02	58.25	58.98	56.84	58.20	59.89	58.36	25	24.6	29.5	30.5	28.4	26.2	27.4	31.9	24.4	94	95	77	72	85	90	85.5	.....
Mean	57.70	58.04	58.67	56.86	57.48	58.83	57.93	24.7	24.3	28.6	29.3	26.9	25.5	26.5	30.8	23.6	93.4	93.4	78	75	85.7	91.3	86.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	248.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	ENE	Calm	Calm	SSW	SW	SSW	26.2	36.2	94.8	59	216.2	10	Ci.-S.	N. S	10	Ci.-S.	N. SSW
2..	S	SSW	SW	SW	SW	SW	81.8	98.2	66.5	58.1	304.6	9	Ci.-S.	S.-Cu. sw	8	A.-Cu.	S.-Cu. SW
3..	S	S	SSW	SSW	Calm	Calm	34	68.9	51.7	13.9	168.5	8	Ci.-S.	S.-Cu. sw	8	Ci.-S.	S.-Cu. SW
4..	Calm	WNW	WSW	NW	Calm	W	23.5	35.7	42.9	34.1	136.2	10	Ci.-S.	S.-Cu. WNW	10	Ci.-S.	N. NW
5..	W	W	WNW	W	WSW	Calm	78.6	50.7	60.9	36.7	226.9	10	Ci.-S.	N. W	9	Ci.-S.	S.-Cu.WNW
6..	W	Calm	SW	SW	S	Calm	36	39.4	35.4	19	129.8	8	Ci.-S.	S.-Cu. W	8	Ci.-S.	S.-Cu.
7..	N	N	S	S	Calm	NW	15.9	23	27.4	18.3	84.6	6	Ci.-S.	Cu.	8	Ci.-S.	Cu. W
8..	Calm	NE	ESE	SE	Calm	Calm	11.6	23.9	34.1	7.8	77.4	10	Ci.-S.	S.-Cu.	9	Ci.-S.	S.-Cu.
9..	NW	Calm	WSW	W	W	Calm	11.1	60.6	50.4	29	151.1	10	Ci.-S.	N. SW	10	Ci.-S.	S.-Cu. W
10..	Calm	Calm	SE	SSW	S	Calm	18	30	64.6	44.9	157.5	10	Ci.-S.	Fr.-N.	8	Ci.-S.	S.-Cu. SW
11..	NE	Calm	SE	S	Calm	Calm	16.6	34.3	27.7	13.4	92	8	Ci.-S.	S.-Cu. sw	6	Ci.	Cu.
12..	NNW	N	SE	Calm	Calm	N	20.4	28.2	15.9	15.9	80.4	7	A.-Cu. E	Cu.	8	Ci.-S.	Cu.-N.
13..	N	N	S	N	Calm	Calm	22	30.9	24.1	14.7	91.7	8	Ci.-S.	Cu.-N.	10	Ci.-S.	S.-Cu. N
14..	N	N	SSE	S	N	Calm	23.6	37	30	16.3	106.9	4	Ci.	Cu.	5	Ci.	Cu.
15..	N	N	S	S	N	N	29	31.2	35.2	19.5	114.9	0	.....	Cu.	5	Ci.	Cu.
16..	N	NNE	NNE	S	Calm	Calm	16.7	26	18.8	8	69.5	5	Ci.-S.	S.-Cu.	10	Ci.-S.	N. ENE
17..	Calm	NNE	SE	S	N	Calm	17.4	28.8	32	11.1	89.3	5	Ci.-S.	Cu.	5	Ci.	Cu.
18..	N	Calm	S	NW	N	Calm	15.9	35.6	37.2	18.7	107.4	6	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N.
19..	N	NNW	S	S	Calm	Calm	24.1	27.1	27.9	4.2	83.3	9	Ci.-S.	Cu.-N.	8	Ci.-S.	S.-cf. NE
20..	N	Calm	S	NNE	Calm	Calm	19.1	27.1	29.3	11	86.5	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
21..	N	N	S	S	N	Calm	21.9	39.2	30.4	12.3	103.8	9	Ci.-S.	S.-Cu.	9	Ci.-S.	S.-Cu.
22..	Calm	Calm	Calm	W	Calm	N	16.1	17.2	28.4	22.2	83.9	9	Ci.-S.	N. SSW	8	Ci.-S.	Cu.-N.
23..	Calm	Calm	S	W	Calm	NE	12.9	22.2	29.8	11.5	76.4	10	Ci.-S.	Fr.-N.	6	Ci.-S.	Cu.
24..	Calm	Calm	SW	W	Calm	NE	13.7	42.8	38.8	13.1	108.4	8	Ci.-S.	S.-Cu. sw	8	Ci.-S.	Cu. W
25..	Calm	Calm	W	W	Calm	Calm	16.7	39.4	33.5	17.5	107.1	8	Ci.-S.	S.-Cu. W	8	Ci.-S.	S.-Cu. W
26..	SE	Calm	SW	SW	W	Calm	17.5	28	37.5	15.6	98.6	9	Ci.-S.	N. SW	8	Ci.-S.	Cu. WSW
27..	Calm	WSW	WSW	WSW	Calm	SW	20.3	62.8	45.1	77.4	205.6	9	Ci.-S.	N. WSW	9	Ci.-S.	S.-Cu. wsw
28..	SSW	SSW	SSW	SW	SW	W	74	80.3	61.4	66.2	281.9	9	Ci.-S.	S.-Cu. sw	9	Ci.-S.	S.-Cu. SW
29..	W	Calm	S	S	Calm	N	67.9	34.3	16.9	12.6	131.7	9	Ci.-S.	S.-Cu.	9	Ci.-S.	S.-Cu.
30..	Calm	Calm	S	S	Calm	Calm	11.1	29.2	15.3	8	63.6	9	A.-Cu.	S.-Cu.ssw	8	Ci.-S.	Cu.
Mean	.....	.....	.....	.....	.....	.....	27.1	38.9	38.1	23.7	127.9	8	.....	.....	8.2	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,835.7	.....	.....	.....	.....	.....	.....

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

OCTOBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	58.97	59.33	59.75	57.39	58.35	59.77	58.93	25.1	24.4	29.4	29.4	24.9	23.9	26.2	32.9	23.7	90	91	71	72	92	94	85	3
2..	58.35	58.87	59.31	56.90	57.73	59.04	58.37	23.2	23	29.5	28.9	25.6	24.8	25.8	32	22.7	96	97	75	71	91	93	87.2	1.8
3..	57.88	58.16	58.78	56.39	56.73	58.06	57.67	23.7	22.8	29.2	28.4	26.6	25.5	26	30.4	22.6	96	97	75	75	89	94	87.7	36.1
4..	56.68	57.05	57.48	55.29	55.59	56.36	56.41	24.6	24.5	26.7	26.6	26.3	24.9	25.6	27.6	23.8	95	96	88	86	90	93	91.3	64.1
5..	55.02	55.68	55.67	53.80	54.24	54.64	54.84	25.8	24.6	25.6	27.6	26.2	25.7	25.9	27.9	24.2	88	94	91	84	85	86	88	74
6..	53.40	53.69	54.34	52.88	53.67	54.81	53.80	23.9	25.5	25.3	26.1	25.6	25.7	25.4	26.6	23.6	94	93	91	83	92	91	90.7	62.7
7..	53.18	54.11	54.98	53.59	54.78	55.60	54.37	25.9	26.5	27.1	27.1	26.8	26.5	26.6	27.9	25.7	93	86	84	81	82	82	84.7	2.1
8..	54.83	55.52	56.96	55.19	56.56	57.68	56.12	26.2	26.7	27.6	28.4	26.6	26.8	27	29.4	25.1	84	80	82	79	85	84	82.3	5.8
9..	56.48	57.42	58.24	56.69	57.50	59.02	57.56	26.7	26.8	27.6	29.3	27.3	25.2	27.2	30.4	24.8	84	84	79	75	88	95	84.2	6.1
10..	57.86	58.06	59.10	57.12	58.05	59.71	58.32	24.3	24.6	30.2	30.5	27.7	25.8	27.2	31.6	24.1	96	95	77	68	84	93	85.5	.....
11..	58.74	59.01	59.45	57.47	58.47	60.09	58.87	25.1	23.4	29.1	27	26.7	24.9	26	30.6	23.1	95	95	77	88	86	93	89	2.3
12..	58.71	58.85	59.58	57.71	59.14	59.76	58.96	24.2	24	29.1	28.5	25.1	24.6	25.9	30.4	23.4	95	96	77	80	91	93	88.7	4.5
13..	59.06	60.03	60.71	58.89	59.56	60.93	59.86	23.5	22.6	28.1	28.7	27.9	24.7	25.9	30	22.4	96	97	81	76	81	93	87.3	.....
14..	59.93	60.02	60.01	57.69	58.61	60.50	59.46	23.9	23.2	29.5	29.6	25.5	24	26	31.9	22.9	96	97	75	70	91	94	87.2	5.6
15..	59.18	59.38	59.49	57.30	57.99	59.28	58.77	23.1	22.6	29.1	28	25.7	23.9	25.4	29.8	22.4	96	97	76	79	88	94	88.3	.8
16..	58.03	58.59	58.98	56.10	56.86	57.77	57.72	22.9	22.6	30.7	30.2	27	24.7	26.4	32.1	22.5	97	97	70	77	84	94	86.5	4.1
17..	56.59	56.84	57.49	54.90	55.95	57.12	56.48	23.9	23.7	30	30.5	26.6	24.9	26.6	31.6	23.5	96	97	73	72	87	93	86.3	.....
18..	56.08	56.54	57.16	55.25	56.40	57.56	56.50	23.9	23.5	31.8	28.3	26.2	24.9	26.4	32.8	23.4	95	96	62	80	92	92	86.2	3
19..	56.37	57.08	57.49	55.64	57.21	58.24	57	23.9	23.5	28.1	31.5	27.1	25	26.5	31.9	23.4	95	97	79	65	87	93	86	.....
20..	57.03	57.78	58.25	56.38	57.02	58.16	57.44	23.9	23.5	29	30	26.6	24.9	26.3	31.3	23.3	96	97	78	69	90	92	87	.....
21..	57.35	58	58.47	55.76	57.42	58.70	57.62	23.8	23.2	30.1	32.9	26.2	25.3	26.9	33.1	23	96	97	71	64	89	93	85	.....
22..	57.62	58.04	58.97	57.29	57.79	59.53	58.21	24.3	23.8	30.7	25.8	25.2	24.3	25.7	31.3	23.6	96	97	70	90	93	94	90	2
23..	57.80	58.81	59.42	57.18	57.91	59	58.35	23.6	23	27.5	29.5	26	24.5	25.7	30.1	22.8	96	97	81	70	89	95	88	.8
24..	58.28	59	58.89	57.36	57.56	58.65	58.29	23.7	22.9	30	27	26.6	24.7	25.8	32.1	22.7	96	97	73	84	87	94	88.5	14
25..	57.78	58.39	58.43	56.04	56.88	58.37	57.65	23.8	24.1	28.6	29	26.7	25.1	26.2	31	23.1	97	96	78	83	91	94	89.8	4.3
26..	57.08	57.81	58.08	55.33	56.41	57.93	57.11	23.9	23.3	29.1	32.4	26.6	25.7	26.8	32.9	23	96	97	77	64	83	93	85	.....
27..	56.47	57.28	57.83	55.34	56.74	57.88	56.92	24.3	23.4	29.5	27	25.6	23.8	25.6	30.8	23.3	94	96	75	82	91	94	88.7	1.8
28..	56.84	58.11	58.84	57.31	58.16	59.66	58.15	23.3	22.4	29.3	27	25.1	24.2	25.2	32.6	22.1	96	96	72	84	91	94	88.8	16.5
29..	58.53	59.02	59.50	57.67	57.74	59.62	58.68	23.7	23	28.4	29.2	25.7	24	25.7	30	22.8	96	97	81	74	86	95	88.2	2.5
30..	58.10	58.18	58.91	57.25	57.98	58.76	58.20	23.8	23.6	29.4	26.6	26	24.7	25.7	30.5	23.4	95	97	76	83	92	94	89.5	10.4
31..	56.98	57.19	57.85	55.75	57.21	57.84	57.14	23.7	23.2	28.2	30.4	25	24.2	25.8	30.9	22.9	96	97	80	73	92	94	88.7	17
Mean	57.26	57.80	58.34	56.29	57.17	58.39	57.54	24.2	23.8	28.8	28.8	26.2	24.9	26.1	30.8	23.3	94.4	94.9	77.3	76.8	88.4	92.6	87.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	345.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	NNW	S	WSW	N	Calm	16.9	43.8	52	11.1	123.8	7	A.-Cu. E	Cu.-N.	9	Ci.-S.	S.-Cu.
2..	Calm	N	S	NNE	Calm	Calm	19.5	35.4	31.4	4.8	91.1	7	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
3..	N	N	S	NNW	Calm	Calm	22.8	22.3	23	9.7	77.8	7	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
4..	Calm	Calm	WNW	WNW	W	W	13.1	73.4	58.1	36.2	180.8	10	Ci.-S.	N. WNW	10	Ci.-S.	N. WNW
5..	W	WSW	WSW	WSW	W	W	122	105.9	119.7	122	469.6	10	Ci.-S.	N. W	10	Ci.-S.	N. W
6..	WSW	SW	SW	SW	SW	SW	127.3	135.4	122.1	130.2	515	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
7..	SW	SSW	SSW	SSW	SSW	SW	199.5	164.4	174.9	162.8	701.6	10	Ci.-S.	N. SSW	10	Ci.-S.	S.-Cu. SSW
8..	SSW	SSW	SSW	SSW	S	SSW	156.3	135.2	53.4	63.8	408.7	10	Ci.-S.	S.-Cu. SWbyS	10	Ci.-S.	S.-Cu. SW
9..	S	S	S	SSW	S	Calm	93.6	104.3	58.4	20.7	277	10	Ci.-S.	S.-Cu. SSW	8	Ci.-S.	S.-Cu. SW
10..	Calm	Calm	SE	SW	Calm	N	10.5	35.1	40	12.3	97.9	9	Ci.-S.	S.-Cu. SSW	6	Ci.-S.	Cu. SW
11..	Calm	N	S	NE	Calm	Calm	12.6	36.2	34.1	11.5	94.4	5	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
12..	Calm	Calm	S	NNW	Calm	N	13.4	35.1	35.6	16.3	100.4	4	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N.
13..	N	Calm	NE	SSE	NE	N	18.3	28	36.8	18	101.1	7	Ci.-S.	S.-Cu.	8	A.-Cu. SE	S.-Cu.
14..	Calm	Calm	S	S	Calm	N	15.9	31.1	30	13.4	90.4	6	Ci. NE	S.-Cu.	8	Ci.-S.	Cu.-N.
15..	N	N	SE	Calm	Calm	Calm	21.7	36.8	28	11	97.5	5	Ci. NNE	Cu.	8	Ci.-S.	Cu.-N.
16..	Calm	N	NE	NW	Calm	Calm	16.9	32.2	22.3	5.6	77	3	Ci.	Cu.	7	Ci.-S.	Cu.-N. NE
17..	NNE	Calm	NE	ENE	Calm	Calm	12.1	42.4	30.9	8.3	93.7	8	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
18..	Calm	N	ENE	ENE	Calm	Calm	11.1	40.4	15	4.2	70.7	6	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
19..	NE	NNE	S	S	Calm	Calm	13.1	31.7	35.2	12.6	92.6	8	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N.
20..	Calm	N	Calm	E	N	Calm	11.9	19.1	39.1	12.1	82.2	7	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. ENE
21..	Calm	N	E	W	N	N	20.4	28.4	33	12.1	93.9	6	Ci.	Cu.	5	Ci.	Cu.
22..	Calm	NNE	S	NNE	Calm	Calm	14.5	34.6	20.7	13.2	83	6	Ci.	Cu.	10	Ci.-S.	Fr.-N.
23..	N	N	SE	NNE	Calm	Calm	18.8	16.6	24.3	4.5	64.2	9	Ci.-S.	S.-Cu. E	9	Ci.-S.	S.-Cu.
24..	Calm	Calm	S	SE	Calm	Calm	13.1	31.2	24.9	14.2	83.4	5	Ci.	Cu.	10	Ci.-S.	N. E
25..	Calm	Calm	SSE	ENE	Calm	Calm	16.1	31.7	18.8	13.7	80.3	7	Ci.-S.	S.-Cu.	10	Ci.-S.	N. NE
26..	Calm	Calm	S	W	Calm	Calm	7.7	32.5	34.8	9.4	84.4	2	Ci.	Cu.	5	Ci.	Cu.
27..	Calm	Calm	S	Calm	Calm	Calm	12.7	35.9	25.1	15.3	89	1	.....	Cu.	7	Ci.-S.	Cu.-N.
28..	Calm	N	S	NW	Calm	N	14.2	30.3	28.5	15.1	88.1	3	Ci.	Cu.	10	Ci.-S.	N. NE
29..	Calm	Calm	NE	NE	Calm	Calm	15.5	32.2	30.3	5.1	83.1	3	Ci.	Cu.	8	Ci.-S.	S.-Cu.
30..	Calm	NNE	NNE	NW	Calm	N	11	25.9	22.3	20.9	80.1	10	Ci.-S.	Fr.-N.	10	Ci.-S.	N. E
31..	Calm	Calm	NNE	ENE	Calm	Calm	9.5	24.6	24.1	16.4	74.6	8	Ci.-S.	S.-Cu. NE	7	Ci.-S.	S.-Cu. ENE
Mean	.....	.....	.....	.....	.....	.....	34.9	48.8	42.8	26.7	153.1	6.7	.....	.....	8.3	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,747.4	....	.....	.....	.....	.....	.....

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, −1.80 mm.]

NOVEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1..	56.44	56.99	57.70	55.67	56.53	57.17	56.75	23.3	23.2	28.6	27.5	25.7	24.2	25.4	29	22.9	96	97	80	81	92	95	90.2	.....
2..	55.89	57.29	58.48	56.96	57.20	58.03	57.31	24.1	23.5	29.1	27.5	23.9	23.3	25.2	29.8	23	96	96	83	80	92	94	90.2	12.4
3..	57.29	58.14	58.48	56.77	57.31	58.42	57.74	23.1	23	28.8	28.2	26.2	24.9	25.7	30	22.7	96	97	79	85	91	93	90.2	2.1
4..	57.37	58.81	59.38	57.45	58.48	59.19	58.45	24.4	24.2	29.3	30.8	26.9	25	26.8	32.6	24	96	97	76	73	86	94	87	4.8
5..	58.58	59.16	59.98	57.88	58.44	59.61	58.94	24.9	24.3	25.2	24.3	24.1	23.6	24.4	25.7	23.3	95	97	94	97	96	96	95.8	38.2
6..	58.23	59.10	60.52	58.41	58.55	59.80	59.10	23.1	23	24.4	26.2	24.4	23.9	24.2	26.5	22.9	97	97	96	90	93	95	94.7	13.2
7..	57.83	59.20	59.99	58.03	58.68	59.90	58.94	23.9	24	25.2	25	24.9	24.1	24.5	26	23.4	97	97	95	93	95	96	95.5	11.4
8..	58.30	59.26	59.60	57.08	57.71	58.69	58.44	23.2	23.1	29.8	29.7	26.5	24	26	31.8	22.7	97	97	73	73	83	95	86.3	11.1
9..	56.82	56.63	57.10	54.43	55.48	57.69	56.36	23.8	23.6	23.9	25.1	24.9	23.5	24.1	26.4	22.8	95	97	96	93	92	95	94.7	14.2
10..	56.81	57.59	58.28	56.82	57.10	58.44	57.51	22.4	22.3	29	26.4	26	23.9	25	30	21.8	96	97	78	87	90	94	90.3	1.5
11..	57.30	57.64	58.30	56.39	57.77	59	57.73	23	22.6	28.3	27.9	26.8	24.7	25.6	30.8	22.4	96	97	82	85	90	94	90.7	10.2
12..	57.88	58.14	58.78	56.68	57.21	58.70	57.90	24.1	22.8	28.8	29	26.6	24.8	26	30.2	22.7	95	97	84	79	87	93	89.2	2.5
13..	57.53	58.62	58.94	56.71	57.23	57.97	57.83	23.8	23.6	28.5	28.8	26.4	25	26	30	23.1	95	97	80	80	90	93	89.2	16.3
14..	56.26	55.90	56.78	55.36	56.30	57.19	56.30	24.7	24.5	25.1	25.1	24.8	24.2	24.7	25.8	23.9	94	96	93	94	94	94	94.2	14.4
15..	56.15	56.93	57.61	55.15	56.24	57.47	56.59	23.9	23.5	27.7	28.8	25.8	24.9	25.8	30.9	23.4	95	96	85	80	92	93	90.2	1
16..	56.13	57.35	57.50	56.63	57.48	58.29	57.23	24.2	23.8	28.4	24.8	24.5	23.9	24.9	29	23.5	95	97	78	88	92	95	90.8	3
17..	57.09	57.94	58.32	56.73	57.11	57.93	57.52	23.3	22.8	27.6	28.6	25.1	23.8	25.2	30	22.6	95	97	84	75	90	94	89.2	.....
18..	57.05	58.03	58.23	56	57.34	58.28	57.49	22.9	22.7	28.5	29.8	27.6	25.3	26.1	31.8	22.5	95	96	77	69	80	94	85.2	.....
19..	57.10	57.75	58.33	56.36	57.59	58.28	57.57	24.3	23.7	29	29.9	28.3	25.3	26.8	30.9	23.6	95	96	78	73	75	94	85.2	3.6
20..	57.72	58.82	59.22	57.13	57.98	59.37	58.37	24.5	23.5	29.4	31.6	28.2	25.9	27.2	32.4	23.4	95	96	79	69	80	93	85.3	.....
21..	58.07	59.17	59.61	57.91	58.58	59.92	58.88	24.6	24	29.2	27.1	25.4	24.4	25.8	32.6	23.8	95	96	76	83	90	92	88.7	15.7
22..	58.28	59.30	59.95	57.62	58.67	59.31	58.86	23.9	23	25.5	25.7	24.6	23.9	24.4	26.1	22.8	96	97	93	90	95	96	94.5	7.3
23..	57.87	58.44	58.89	56.46	57.48	58.75	57.98	23.6	23.5	29.2	27.8	25	24.1	25.5	29.6	23.3	96	96	78	85	91	95	90.2	9.4
24..	57.38	57.66	58.43	56.13	57.04	58.04	57.45	23	22.3	26.7	26.6	25	23.9	24.6	27.1	22.2	96	96	88	91	92	94	92.8	9.2
25..	57.12	57.69	59.16	56.88	58.43	59.57	58.14	23.8	23.5	24.6	26.2	25.1	24.1	24.6	26.6	23.3	96	97	97	90	94	95	94.8	6.4
26..	58.20	58.76	59.51	57.05	58.53	58.85	58.48	23.7	23	28.8	27.7	25.4	24.6	25.5	29.2	22.7	96	97	79	80	93	94	89.8	2.1
27..	57.84	58.60	59.35	56.75	57.83	58.81	58.20	23.7	23.3	28.7	30.3	25.6	24	25.9	30.6	23.1	97	97	77	73	92	95	88.5	.....
28..	58.68	59.54	60.56	58.23	59.08	60.22	59.38	23	22.5	29	31	27.4	24.9	26.3	31.3	22.3	96	96	76	70	84	92	85.7	.....
29..	59.51	60.01	61.08	59.40	60.02	61.01	60.17	23.1	22.6	29.3	28.2	25.6	24.9	25.6	30.7	22.4	96	97	74	80	91	92	88.3	7.4
30..	59.90	60.03	60.91	58.99	59.19	60.21	59.87	23.9	23.5	28.5	28.1	26.8	23.8	25.8	30.6	22.6	95	96	81	81	89	95	89.5	3.8
Mean	57.55	58.28	58.97	56.94	57.75	58.80	58.05	23.7	23.3	27.8	27.8	25.8	24.4	25.5	29.5	23	95.7	96.6	83	82.2	89.7	94.1	90.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	221.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			6 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	NE	NE	NE	NE	14.2	23.6	25.1	16.3	79.2	10	Ci.-S.	N. ENE	10	Ci.-S.	S.-Cu.
2..	N	Calm	SSE	ENE	N	Calm	13.9	22	28.2	26.4	90.5	7	Ci.-S.	S.-Cu.	10	Ci.-S.	N. E
3..	N	Calm	ENE	E	Calm	Calm	14	24.6	26.8	11.6	77	6	Ci.-S.	S.-Cu. E	9	Ci.-S.	Cu.-N.
4..	NE	Calm	E	E	N	Calm	9.5	28.7	29.6	15	82.8	10	Ci.-S.	S.-Cu. ESE	7	Ci.-S.	S.-Cu. Ebys
5..	Calm	N	NNE	Calm	Calm	Calm	9.7	16.9	19.5	11	57.1	10	Ci.-S.	N. NE	10	Ci.-S.	N. NE
6..	Calm	Calm	Calm	NE	Calm	Calm	7.8	19.5	17.7	5	50	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	N. ENE
7..	NE	Calm	Calm	Calm	Calm	Calm	12.4	8	15.8	6.4	42.6	10	Ci.-S.	N.	10	Ci.-S.	N.
8..	Calm	Calm	NE	SE	Calm	Calm	8	32.2	30.3	6.7	77.2	8	Ci.-S.	S.-Cu.	7	Ci.-S.	S.-Cu. NE
9..	Calm	Calm	Calm	S	SE	Calm	3.2	3.8	44.5	12.1	63.6	10	Ci.-S.	N. N	10	Ci.-S.	N. SSW
10..	N	NNW	S	Calm	Calm	Calm	16.1	32.5	20.6	14.2	83.4	3	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N.
11..	Calm	Calm	S	WNW	Calm	Calm	9.5	18.8	17.9	2.1	48.3	0	Ci.	Cu.	9	Ci.-S.	N. N
12..	Calm	Calm	S	NE	Calm	Calm	4.8	24.4	18.5	4.2	51.9	0	.....	Cu.	9	Ci.-S.	cu.-N. NNW
13..	Calm	Calm	NNE	N	Calm	Calm	5.9	31.9	28.8	9.7	76.3	8	Ci.-S.	S.-Cu. NbyE	9	Ci.-S.	S.-Cu. N
14..	N	Calm	N	NNE	N	Calm	16.1	28.5	25.2	11.3	81.1	10	Ci.-S.	N. NbyE	10	Ci.-S.	N.
15..	N	Calm	NE	N	Calm	Calm	9.1	35.4	30.4	9.9	84.8	10	Ci.-S.	S.-Cu.	9	Ci.-S.	S.-Cu. ENE
16..	Calm	Calm	NNE	Calm	Calm	Calm	3.2	35.6	4.6	1.6	45	8	A.-Cu.	S.-Cu. ENE	10	Ci.-S.	N. NE
17..	Calm	Calm	S	NNE	Calm	Calm	7.2	22.5	28	17.2	74.9	8	Ci.-S.	S.-Cu.	9	Ci.-S.	S.-Cu.
18..	N	Calm	S	S	Calm	Calm	8.9	25.4	25.9	10	70.2	3	Ci.	S.-Cu.	2	Ci.	Cu.
19..	N	Calm	S	S	Calm	Calm	10.7	29.2	32	8.5	80.4	4	Ci.	Cu.	4	Ci.	Cu.
20..	N	NNW	SE	SW	Calm	Calm	12.4	31.2	30.4	9.2	83.2	4	Ci.	S.-Cu.	3	Ci.	Cu.
21..	Calm	N	SE	NW	Calm	Calm	10.2	28.8	30.6	9.9	79.5	4	Ci.	Cu.	8	Ci.-S.	Cu.-N. NNE
22..	Calm	N	N	N	Calm	N	4.6	16.6	24.4	21.4	67	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	S.-Cu. N
23..	Calm	Calm	ENE	ESE	Calm	Calm	12.6	23.5	26.4	3.5	66	9	Ci.-S.	S.-Cu. ENE	9	Ci.-S.	S.-Cu. ENE
24..	Calm	Calm	NE	NE	Calm	Calm	5.6	22.3	13.4	7.7	49	4	Ci.	S.-Cu.	10	Ci.-S.	N. NE
25..	Calm	Calm	Calm	Calm	Calm	Calm	6.4	2.7	5.3	9.2	23.6	10	Ci.-S.	Fr.-N.	10	Ci.-S.	N. E
26..	Calm	Calm	NE	S	Calm	Calm	10	19	31.7	9.1	69.8	9	Ci.-S.	S.-Cu.	9	Ci.-S.	S.-Cu.
27..	Calm	N	S	S	Calm	Calm	9.7	26	25.5	10	71.2	9	Ci.-S.	S.-Cu. E	7	Ci.-S.	Cu. NE
28..	Calm	NNW	SE	ENE	Calm	Calm	16.6	26.8	18.2	2.4	64	4	Ci.	Cu.	8	Ci.-S.	Cu. ESE
29..	Calm	N	S	N	Calm	Calm	6.9	26.8	27.4	6.6	67.7	4	Ci.	Cu.	8	Ci.-S.	Cu.-N.
30..	Calm	Calm	E	Calm	Calm	Calm	9.4	15.5	18.7	7.5	51.1	7	Ci.-S.	S.-Cu. E	8	Ci.-S.	Cu.-N. ENE
Mean	.....	.....	.....	.....	.....	.....	9.6	23.4	24	9.9	66.9	7	.....	.....	8.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,008.4	.....	.....	.....	.....	.....	.....

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

DECEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1..	59.47	60.09	60.39	58.09	58.71	60.30	59.51	22	20.8	28.6	31.4	27	25	25.8	31.7	20.6	96	97	76	70	84	94	86.2	0.8
2..	59.12	60.03	60.04	58.75	59.16	59.76	59.48	23.4	22.1	29.9	26	25.2	23.9	25.1	32.5	22	95	96	69	92	93	93	89.7	20
3..	59.11	59.70	60.76	58.71	59.45	60.41	59.69	23.6	23	29	28.5	26.7	23.9	25.8	30.4	22.7	95	97	76	81	86	94	88.2	3
4..	59.76	60.04	60.51	58.37	59.45	60.81	59.82	22.6	22	29.4	30.1	25.9	23.8	25.6	32	21.8	96	97	71	74	83	93	85.7	.....
5..	59.23	59.73	59.58	57.73	58.45	59.08	58.97	23.7	22.4	29.4	30.4	26.4	24.1	26.1	31	22.2	96	96	74	72	87	95	86.7	1.3
6..	57.53	57.66	57.74	55.25	56.44	57.14	56.96	22.9	22.4	30	30	25.8	24.4	25.9	32.2	22.2	96	96	73	69	90	93	86.2	2.8
7..	55.18	56.28	56.97	54.31	55.63	56.07	55.74	23.7	23.3	25.9	28.3	26.1	24.7	25.3	29.6	23.1	96	97	88	77	86	94	89.7	1.3
8..	54.48	55.43	56.61	54.56	55.57	56.67	55.55	24.3	23.5	27.9	28	25.7	24.3	25.6	28.5	23.4	96	97	79	81	89	94	89.3	2.3
9..	56.04	57.01	57.75	56.09	57.56	58.97	57.24	23.8	23.2	29.6	31	27.5	25	26.7	31.2	23	96	97	75	71	84	90	85.5	.....
10..	57.78	58.11	58.35	55.89	56.99	58.38	57.58	23.8	23	29.1	30.4	25.2	23.9	25.9	31.1	22.8	95	97	83	72	91	94	88.7	16
11..	56.83	57.31	58.15	56.18	56.88	57.99	57.22	23.5	22.7	28.5	25	25.3	23.8	24.8	29.2	22.6	96	97	78	92	93	94	91.7	12.9
12..	56.90	57.33	58.99	56.93	57.66	58.61	57.74	22.9	22.8	26.5	30	26.3	24.1	25.4	30.9	22.6	97	97	88	70	86	94	88.7	.8
13..	57.80	58.54	58.59	56.97	57.66	59.30	58.14	23.1	22.1	28	31	26.8	25.4	26.1	32	22	96	96	79	69	87	93	86.7	.....
14..	58.14	57.93	59.43	57.53	57.57	58.82	58.24	23.7	22.1	28.7	31.6	27.4	24.9	26.4	32.1	22	95	97	74	71	85	92	85.7	.....
15..	58.08	58.75	59.43	56.58	57.52	58.80	58.10	23.5	21.9	28.5	31.5	26.7	24.3	26.1	32.6	21.8	96	97	78	65	80	94	85	.....
16..	57.52	57.46	58.24	56.27	57.38	57.78	57.44	22.9	22.1	29.6	28	25.9	23.8	25.4	32.1	21.9	96	96	74	84	92	95	89.5	20.1
17..	56.73	57.74	58.36	57.23	57.70	58.70	57.74	22.6	21.6	28	24.2	24.7	23.2	24	29.9	21.4	96	96	95	94	95	92	35.8	
18..	57.65	58.61	59.28	57	58.59	59.28	58.40	22.5	22	28.8	32.2	26.4	23.9	26	32.8	21.8	96	97	76	56	86	94	84.2	1
19..	58.48	58.90	59.23	57.68	58.70	59.07	58.68	22.9	23.5	29.9	26	25.5	23.7	25.2	32.1	22.8	97	97	71	91	89	94	89.8	11.5
20..	58.16	58.41	58.71	56.88	58.19	58.96	58.22	22.4	22.1	29.9	29.5	24.9	23.8	25.4	31.4	22	96	96	71	74	93	95	87.5	2
21..	58.28	58.75	58.78	56.52	57.40	58.51	58.04	22.2	22.4	29.9	31.5	27.2	24.3	26.2	32.2	21.6	96	96	71	65	81	94	83.8	1.3
22..	57.35	58.54	59.30	56.97	57.67	58.72	58.09	22.9	22	29.5	29.4	26.9	24.7	25.9	31.1	21.9	96	96	71	74	83	94	85.7	1
23..	57.34	57.69	58.33	57.01	57.70	58.71	57.80	22.7	22.6	29.6	27.3	25.1	23.9	25.2	32.4	22.2	96	97	69	81	92	94	88.2	6.9
24..	57.48	57.68	58.49	56.14	57.15	57.87	57.47	22.9	23	27.4	25.9	24.8	23.6	24.6	28.2	22.6	96	96	83	93	93	94	92.5	11.9
25..	56.60	56.85	57.51	55.41	55.73	56.88	56.50	22.9	22.5	27	25.8	25.9	23.9	24.7	30.4	22.3	96	96	88	90	91	94	92.5	12.7
26..	55.53	56.03	57.10	54.36	55.79	56.78	55.93	23	22.8	27.2	30.1	25	23.9	25.3	30.6	22.6	96	97	83	71	91	94	88.7	17.3
27..	56.13	56.44	57.47	55.61	56.36	57.80	56.64	23.2	22.7	28.1	27.6	24.7	24	25	29.8	22.6	96	96	79	80	92	93	89.3	1.3
28..	56.42	56.88	58.17	55.88	56.50	58.20	57.01	23.8	23.5	26	26.9	24.2	23.9	24.7	27.4	23.3	93	93	84	81	92	94	89.5	13.7
29..	57.28	57.90	58.60	56.31	57.12	58.19	57.57	22.9	22.8	25.5	29.6	25.6	24.2	25.1	30.2	22.7	97	97	88	72	86	94	89	.8
30..	57.04	57.34	58.64	56.22	57.47	58.15	57.48	23.1	22.5	28	27.7	25.6	24.3	25.2	31.4	22.3	95	96	77	88	90	94	90	9.4
31..	57.23	57.94	59.32	57.13	57.88	59.22	58.12	23.1	22.6	22.8	24.6	23.9	23.6	23.4	25.9	22.4	96	96	96	95	93	95	95.2	24.8
Mean	57.44	57.97	58.67	56.60	57.48	58.51	57.78	23.1	22.5	28.3	28.7	25.8	24.1	25.4	30.8	22.3	95.8	96.4	78	77.9	88.5	93.8	88.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	232.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	N	S	S	N	Calm	15.9	32.4	33.8	11	93.1	2	Ci.	Cu.	5	Ci.	Cu.
2..	Calm	Calm	NE	Calm	Calm	Calm	8.5	31.2	17.4	4.3	61.4	3	Ci.	Cu.	10	Ci.-S.	N. E
3..	Calm	Calm	NE	NE	Calm	Calm	7.7	27.4	18	6.1	59.2	5	Ci.	S.-Cu. E	8	Ci.-S.	Cu.-N.
4..	Calm	Calm	E	S	Calm	Calm	14.8	34.6	32.2	6.6	88.2	0	.....	S.-Cu.	7	Ci.	Cu. E
5..	Calm	N	E	NE	Calm	Calm	10	36	41.2	8.7	115.9	4	Ci. ESE	Cu.	8	Ci.-S.	S.-cf. NE
6..	Calm	Calm	NE	NE	Calm	Calm	3.5	31.4	30.6	6.6	72.1	5	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N. NE
7..	Calm	Calm	N	N	NNE	Calm	4.5	22.7	38.6	8.5	74.3	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu. NNE
8..	Calm	Calm	NE	NE	NE	NE	3.5	21.5	23.3	17.1	65.4	8	A.-Cu. SSE	S.-Cu.	9	Ci.-S.	S.-Cu. ENE
9..	N	Calm	E	S	Calm	Calm	16.1	25.7	19.1	12.6	73.5	8	A.-Cu. S	S.-Cu.	7	Ci.-S. Ebys	Cu.
10..	Calm	Calm	S	S	N	Calm	7	31.1	42.2	8.5	89	6	Ci.	S.-Cu.	6	Ci.	Cu.
11..	Calm	Calm	S	N	Calm	Calm	11.9	22.2	15	5.6	54.7	3	Ci.	Cu.	9	Ci.-S.	S.-Cu.
12..	N	Calm	N	S	NE	Calm	8.7	14.5	30	16.3	69.5	10	Ci.-S.	S.-Cu.	7	Ci.	Cu. NE
13..	Calm	Calm	S	W	Calm	Calm	8.5	29.2	38.4	11.1	87.2	0	.....	Cu.	4	.....	Cu. ENE
14..	Calm	Calm	E	SW	Calm	N	2.4	22.3	44.1	15.1	83.9	3	Ci.	Cu.	3	.....	Cu.
15..	Calm	Calm	S	W	Calm	Calm	3.4	19.9	37.5	1.8	62.6	4	Ci.	Cu.	5	Ci.	Cu. ENE
16..	Calm	Calm	S	NW	Calm	Calm	1.9	22.8	19.1	5.4	49.2	3	Ci.	Cu.	9	Ci.-S.	N. E
17..	Calm	Calm	S	NNW	Calm	N	7.8	28	19.9	13.9	69.6	4	Ci.	S.-Cu.	10	Ci.-S.	N.
18..	Calm	Calm	NE	ENE	NNE	Calm	5.4	23	39.9	13.1	81.4	4	Ci.	Cu.	5	Ci.	Cu. ENE
19..	Calm	Calm	N	Calm	Calm	Calm	8	33.5	17.5	3.8	62.8	7	Ci.-S.	S.-Cu. E	9	Ci.-S.	N. E
20..	Calm	Calm	NE	E	Calm	Calm	8	29.6	27.7	4.3	69.6	4	Ci.	Cu.	8	Ci.-S.	S.-Cu. E
21..	Calm	NNE	NE	NE	NNE	Calm	9.2	28.5	39.4	6.9	84	2	Ci.	Cu.	6	Ci.	Cu. E
22..	Calm	Calm	NE	NE	N	Calm	11.1	28.8	37	5.9	82.8	3	Ci.	Cu.	8	Ci.-S.	S.-Cu. E
23..	Calm	Calm	NE	Calm	NNE	N	10.2	35.9	22.2	13.5	81.8	5	Ci.	Cu.	9	Ci.-S.	S.-Cu. ENE
24..	Calm	Calm	NE	Calm	Calm	Calm	5.9	19.5	9.2	7.4	42	9	Ci.-S.	S.-Cu.	10	Ci.-S.	N. NE
25..	Calm	Calm	SE	NE	Calm	Calm	5.1	16.6	16.9	7.5	46.1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	N. NE
26..	N	NNE	SE	W	NNE	NNE	12.6	22.8	25.5	19	79.9	10	Ci.-S.	S.-Cu.	7	Ci.-S.	S.-Cu.
27..	Calm	Calm	NE	NE	NE	Calm	4	25.1	36	21.4	86.5	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu. NE
28..	NE	Calm	NE	NE	NE	Calm	26.8	49.3	56.8	19.5	152.4	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
29..	Calm	Calm	ENE	N	N	Calm	12.1	18.2	38.3	13.2	81.8	10	Ci.-S.	N. NE	9	Ci.-S.	S.-Cu. NNE
30..	N	Calm	NE	NE	Calm	NNE	8.3	25.4	39.9	10.3	83.9	8	Ci.-S.	S.-Cu.	9	Ci.-S.	N. NE
31..	NNE	Calm	NW	E	N	NNE	23.3	11.5	24.9	14.2	73.9	10	Ci.-S.	N.	10	Ci.-S.	N. E
Mean	.....	.....	.....	.....	.....	.....	9.2	27.1	30.1	10.3	76.7	5.8	.....	.....	7.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,377.7	.....	.....	.....	.....	.....	.....

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

JANUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	57.94	58.84	60.08	58.18	58.54	59.57	58.86	25.4	23.6	28.5	29.3	27.1	26.4	26.7	29.8	23.3	90	96	77	75	86	83	84.5	4.8
2..	58.74	58.96	60.35	57.92	58.73	60.31	59.17	26	23.1	28.5	29.8	27.5	26.4	26.9	30.4	22.8	82	96	77	72	81	82	81.7	.....
3..	59	59.52	61.13	58.89	59.47	61.08	59.85	23.8	22.8	28.4	29.7	26.8	26.2	26.3	30.3	22.7	91	94	73	67	82	82	81.5	28.3
4..	60.67	61	62.76	60.73	61.65	63.27	61.68	24.9	25.6	26.6	28.3	25.3	24.6	25.9	28.4	23.4	87	83	79	70	80	82	80.2	11.7
5..	62.92	63.29	64.95	63.37	63.60	64.82	63.82	24.4	24	26.3	26	24.6	24.1	24.9	27.2	22.9	82	82	69	69	74	79	75.8	2.8
6..	64.12	63.85	64.70	62.77	62.79	63.35	63.60	23.4	23.5	25.5	27.2	25.9	25.4	25.2	27.5	23	78	78	72	63	73	75	73.2	1.3
7..	62.42	62.39	63.67	61.72	62.11	63.14	62.58	25.2	24.9	26.8	27.6	26.5	25.1	26	28.6	23.9	76	77	67	70	73	80	73.8	.....
8..	62.40	62.78	64.48	62.46	62.84	63.76	63.12	24.5	24.2	25.4	27.6	25.8	25.6	25.5	28.1	23.6	82	84	86	73	81	78	80.7	3
9..	63.20	63.63	64.92	62.96	62.78	64.30	63.63	25.2	24.8	26.8	27.4	25.5	25.4	25.8	28.2	23.9	80	81	78	78	78	88	80.5	1.6
10..	63.24	63.37	64.45	62.42	62.84	64.02	63.39	25	25.3	27	28.2	26.2	24.6	26	28.8	23.6	86	85	77	72	79	87	81	27.7
11..	63.12	63.17	64.20	62.03	61.83	63.05	62.90	24.3	24.5	24.7	24.8	24.7	24.4	24.6	25.3	23.4	85	84	86	87	87	88	86.2	59.4
12..	61.85	62.37	62.93	60.51	60.96	62.14	61.79	23.5	23.6	26.7	28	26	25.8	25.6	28.3	22.9	94	95	83	77	84	84	86.2	18.5
13..	61.20	61.07	62.22	60.61	59.99	61.47	61.09	25.3	24.9	25.5	25.3	26.4	24.3	25.3	28.1	23	87	89	88	84	83	92	87.2	40.9
14..	60.77	60.70	61.53	59.32	59.74	61	60.51	23.8	23.5	25.7	27	26.3	25.5	25.3	27.1	23.4	94	95	88	84	83	87	88.5	6.9
15..	60.29	60.14	61.39	58.93	59.51	60.35	60.10	25.3	24.7	27.8	28.3	25.5	24.5	26	28.8	23.6	85	87	72	72	84	91	81.8	3.8
16..	59.52	59.97	60.84	58.80	59.73	60.49	59.89	24.1	24.3	27.5	28.5	26.4	25.6	26.1	29.8	23.3	86	86	73	70	81	85	80.2	.....
17..	59.64	59.85	60.57	58.57	58.97	59.94	59.59	25.4	25.1	27.2	28.4	26.6	25.6	26.4	29	24.8	85	86	79	76	85	90	83.5	6.9
18..	59.26	59.48	59.81	57.16	58.45	59.77	58.99	24.4	55.1	27.8	28.2	25.2	25	26	28.9	24	91	87	77	77	91	91	85.7	12.2
19..	58.61	58.74	59.66	57.50	57.86	58.96	58.56	24.5	24.4	26	23.8	24.4	23.3	24.4	26.3	22.9	92	92	86	93	92	97	92	107.9
20..	57.32	57.94	59.26	57.20	57.94	58.96	58.10	23.7	23.9	24.4	24	24.1	24.1	24	25.6	23.2	97	97	95	96	91	91	94.5	106.4
21..	57.94	58.07	59.38	57.39	58.34	59.35	58.41	24.5	24.4	27.7	26.5	25.7	24.6	25.6	28.5	24	91	92	81	88	90	93	89.2	1.6
22..	58.35	58.42	59.43	57.01	58	59.15	58.39	24.3	24.5	25.5	25.3	24.7	24.1	24.7	25.9	23.6	94	92	90	91	93	95	92.5	63.2
23..	58.64	58.66	59.67	57.87	58.38	59.09	58.72	24	23.5	27.6	27.9	25.6	25	25.6	29.3	23.4	95	96	79	79	87	89	87.5	.....
24..	58.69	59.21	60.44	58.85	58.96	59.84	59.33	24.7	24.1	24.1	24	24.9	23.5	24.2	25.8	23	91	94	93	92	87	97	92.3	48.2
25..	59.02	59.64	60.92	59.27	60.13	60.99	60	23.4	24.1	23.6	23.9	23.3	23.1	23.6	24.3	22.7	97	95	97	92	96	94	95.2	134.6
26..	60.11	60.73	61.15	59.10	59.54	60.18	60.14	23	23.5	24.3	24.7	25.7	25	24.4	25.9	22.6	94	96	91	90	84	89	90.7	31.3
27..	59.58	60.63	60.79	58.54	59.59	59.95	59.85	24.6	23	25	27.9	26	25.1	25.3	28.1	22.8	90	96	92	79	82	86	87.5	4.6
28..	58.71	59.24	60.06	58.29	59.24	60.15	59.28	24.9	23.4	26.5	27.4	25.2	24.7	25.4	27.5	22.9	87	97	81	81	89	92	87.8	3.3
29..	59.16	59.26	60.51	58.62	59.62	61.18	59.72	24.4	24.3	26.4	27.4	24.3	24.5	25.2	28.1	23.8	92	92	79	75	89	83	85	20.1
30..	59.62	60.62	60.68	58.90	59.27	60.28	59.90	23.8	22.6	25	23.6	23.1	23	23.5	25.5	22.4	86	95	82	94	96	93	91	27.4
31..	59.26	59.33	60.32	58.10	58.53	59.52	59.18	22.6	22	25.9	27.3	25.4	24.5	24.6	28.1	21.8	95	96	83	77	87	88	87.7	10.2
Mean	60.17	60.48	61.52	59.48	60	61.08	60.46	24.4	24	26.3	26.9	25.5	24.8	25.3	27.8	23.2	88.5	90.2	81.6	79.5	84.8	87.5	85.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	788.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	Calm	NE	NE	NE	N	22.8	28.8	54.7	44.6	150.9	1	Ci.	Cu.	7	Ci.-S. ENE	Cu.
2..	NE	Calm	NE	NE	E	NE	22.8	23.6	43.8	38	128.2	1	Ci.	Cu.	3	Ci.	Cu.-N.
3..	Calm	Calm	NNE	NE	NE	NE	12.6	47	82.3	77.7	219.6	2	A.-Cu. NNE	Cu. NE	6	A.-Cu.	Cu.-N. ENE
4..	N	NNE	NE	NE	NE	NNE	96.1	122.5	145.1	122.9	486.6	8	Ci.-S.	Cu.-N ENE	4	Ci.	Cu.-N. ENE
5..	NE	NNE	NNE	NE	NNE	NNE	138.7	174.6	159.5	135.8	608.6	10	Ci.-S.	N. ENE	9	Ci.-S.	Cu.-N. ENE
6..	NE	NNE	NE	NE	NE	NE	102.4	117.8	132	125	477.2	10	Ci.-S.	N. ENE	9	C.-S.	Fr.-N. NE
7..	NE	NNE	ENE	NE	ENE	N	77.5	94.6	92.3	63	327.4	9	Ci.-S.	Fr.-N. ENE	4	Ci.	Cu. ENE
8..	N	NE	ENE	NE	NNE	NE	56.8	67.8	65.2	77.4	267.2	10	Ci.-S.	Fr.-N. ENE	7	Ci.-S.	Cu.-N. ENE
9..	N	N	NE	NE	NE	NNE	70	90.9	126.3	97.9	385.1	8	A.-Cu.	Fr.-N. NE	6	Ci.-S.	Cu.-N. NE
10..	NE	NE	NE	NE	NE	NNE	102.2	135.2	145.9	137.9	521.2	9	Ci.-S.	Fr.-N. ENE	3	Ci.	Cu.-N. NE
11..	NE	NNE	NW	N	NNE	NE	151.8	132.3	126.9	152.4	563.4	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. NE
12..	N	N	NE	ENE	NE	NE	109.7	91.1	93.5	72.7	367	10	Ci.-S.	Fr.-N. ENE	7	A.-Cu.	Cu.-N. ENE
13..	NE	NE	NE	NE	NE	NE	61.2	91.5	97.4	88	338.1	9	Ci.-S.	Fr.-N. ENE	7	Ci.-S.	N. ENE
14..	NE	N	NNE	NE	NNE	NE	59.8	53.7	58.5	74.2	246.2	10	Ci.-S.	N. E	9	Ci.-S.	N. ENE
15..	N	NNE	NE	NNE	NNE	NNE	50.1	68.2	93	103.2	314.5	8	A.-Cu. NE	Cu.	8	A.-Cu. SE	Cu.-N. NE
16..	NE	NNE	NE	NE	NE	NNE	82.7	95.6	86.4	79.1	343.8	4	Ci.	Cu. NE	8	A.-Cu.	Cu.-N. NE
17..	NE	NNE	NNE	NNE	NE	NNE	77	78.4	70.8	56.8	283	8	A.-Cu. E	Cu.	6	A.-Cu.	Cu.-N. NE
18..	N	NNE	NE	NNE	NNE	NNE	58.9	89.9	97.4	68.7	314.9	3	Ci.	Cu. ENE	5	Ci.-S.	Cu.-N. ENE
19..	NE	NNE	NNE	NE	NNE	NE	63.1	99.3	99	59.2	320.6	9	Ci.-S.	N. ENE	10	Ci.-S.	Fr.-N. NE
20..	Calm	N	Calm	N	NE	N	26.9	35.1	54.1	55.7	171.8	10	Ci.-S.	N.	10	Ci.-S.	N. NW
21..	N	NE	NE	NE	NNE	SSE	38.1	40.4	41.6	21.9	142	6	Ci.-S.	Cu.-N. E	10	Ci.-S.	N.
22..	N	N	NNE	N	NE	N	45.6	87.4	63.4	60.4	256.8	9	Ci.-S.	Fr.-N. NE	10	Ci.-S.	N. ENE
23..	NE	Calm	NE	NE	NE	N	27.2	33.3	44.6	50.7	155.8	10	Ci.-S.	N. ENE	6	A.-Cu.	Cu.-N. NE
24..	NE	NE	NE	NE	NNE	N	54.5	88.7	80.3	72.1	295.6	10	Ci.-S.	N. NE	10	Ci.-S.	Fr.-N. NE
25..	N	NE	NE	NE	NE	N	88.3	84	59.7	58.9	290.9	10	Ci.-S.	N.	10	Ci.-S.	N. NE
26..	N	NE	N	NE	NE	NNE	45.4	77.4	86.3	90.1	299.2	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N. NE
27..	NE	NE	NE	NE	NE	NE	108.6	80.8	75.6	53.6	318.6	10	Ci.-S.	N. ENE	8	Ci.-S.	Cu.-N. ENE
28..	NE	N	NE	NE	E	N	49.9	63.3	57.3	41.3	211.8	9	Ci.-S.	Fr.-N. ENE	10	Ci.-S.	Fr.-N. ENE
29..	N	NE	NE	N	NNE	NNE	50.2	73.2	63.4	55.2	242	10	Ci.-S.	N. E	8	Ci.-S.	Cu.-N. ENE
30..	N	N	NNE	NNE	NE	N	46.9	67.1	71.9	71	256.9	10	Ci.-S.	N. NE	10	Ci.-S.	N. NE
31..	NE	Calm	NE	NE	ENE	N	37.6	32.2	54.5	51.8	176.1	10	Ci.-S.	N.	8	Ci.-S.	Cu.-N. NE
Mean	.....	.....	.....	.....	.....	.....	65.7	79.5	84.6	76	305.8	8.2	.....	.....	7.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,481	....	.....	.....	.....	.....	.....

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

FEBRUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	58.55	58.97	60.15	58.31	58.95	60.16	59.18	23.7	22.8	23.4	24	23.2	22.7	23.3	24.2	22.3	92	97	95	91	94	97	94.3	42.4
2..	59.15	59.23	60.30	58.10	59.16	60.64	59.43	22.5	23	24	24.5	23.1	23.5	23.4	25.3	22.3	96	96	95	93	96	91	94.5	83.8
3..	59.51	59.81	61.39	59.81	60.16	61.75	60.40	23.6	23.3	23.4	22.9	23.1	23.4	23.3	24.5	22.2	91	93	94	94	96	94	93.7	129.7
4..	60.59	61.09	62.40	60.78	61.30	62.64	61.47	22.9	21.9	23	23.2	22.4	22.3	22.6	23.6	21.5	94	96	96	95	96	96	95.5	93.6
5..	61.45	61.60	62.85	61.24	61.69	63.17	62	21.8	22.4	23.9	25.5	23.4	22.9	23.3	25.9	21.5	99	96	88	82	94	95	92.3	14.5
6..	62.15	62.41	63.55	61.88	62.15	63.42	62.59	22.7	22.4	24.9	25.5	25.6	25.2	24.4	25.8	22.2	96	96	88	84	86	86	89.3	18.9
7..	62.03	62.18	63.33	61.18	61.30	62.69	62.12	25.1	25	26.8	26.7	24	24.2	25.3	27.9	23.2	86	86	80	85	93	95	87.5	8.2
8..	61.17	61.69	62.47	60.28	60.62	62.04	61.38	23.6	22.6	28	28.4	26.3	25.1	25.7	29.3	22.4	95	97	77	78	83	90	86.7	.....
9..	60.73	61.30	61.81	59.77	60.62	61.87	61.02	24	22.6	27.8	28.2	24.5	23.5	25.1	29.8	22.2	92	96	79	78	93	95	88.8	33.7
10..	60.52	61.44	63.29	61.03	61.49	62.50	61.71	23.7	23.4	23.5	23.6	22.9	22.6	23.3	25.5	22.2	94	91	91	91	93	95	92.5	27.6
11..	61.40	61.46	62.28	60.18	60.52	62.03	61.31	22.5	22.5	23.3	23.9	23.1	23	23	24.6	22	95	95	95	94	96	95	95	76
12..	61.28	61.24	62.64	60.77	61.17	62.39	61.58	22.3	22.1	25.4	25.8	24.5	24.1	24	27	21.1	98	97	86	85	90	91	91.2	9.7
13..	61.12	61.32	62.39	60.61	61.39	62.72	61.59	23.1	23.9	26.4	24.9	23.9	23.4	24.3	26.8	23	94	88	84	91	96	97	91.7	28.9
14..	61.30	61.73	62.69	61.09	61.40	62.61	61.80	23	23.1	23.4	23.2	23	23	23.1	23.8	22.6	98	97	94	94	98	96	96.2	71.2
15..	61.54	62.26	62.89	60.37	61	62.14	61.70	23.8	23.4	24.1	26.9	24.4	23.9	24.4	27.3	22.5	91	93	94	83	92	95	91.3	24.7
16..	60.43	60.98	61.82	59.73	60.07	60.92	60.66	23.8	23.7	25.5	27.1	24.8	24.6	24.9	27.5	23.5	95	95	92	87	94	87	91.7	10.9
17..	59.73	60.05	60.89	58.30	58.66	59.97	59.60	24	23.3	27.6	29.1	26.7	25.6	26	29.5	22.7	91	94	84	74	83	90	86	6.1
18..	58.65	58.94	59.62	56.96	58.05	58.94	58.53	25.1	24.7	27.1	28.5	25.1	24.6	25.8	29.8	23.7	91	92	85	78	92	91	88.2	2.1
19..	57.72	57.62	59.04	56.78	57.70	58.74	57.93	24.4	23.6	27.9	27.1	26.2	24.6	25.6	29	22.9	91	95	81	86	92	95	90	1
20..	58.53	58.81	60.47	59.42	59.78	61.02	59.67	23.7	23.3	26.1	24.4	24	23.1	24.1	26.7	22.5	98	97	83	87	88	90	90.5	1.1
21..	60.69	60.87	62.04	60.57	60.72	62.09	61.16	23	24.1	25.3	25.4	24.8	24.5	24.5	26.2	22.6	90	87	84	84	85	87	86.2	.....
22..	61.14	61.24	62.09	60.37	60.63	61.55	61.17	24.1	24	26.5	26.8	25.4	25	25.3	27.8	23.7	87	87	76	75	81	83	81.5	.....
23..	60.19	60.29	60.99	59.42	59.24	60.07	60.03	23.1	23.7	26.9	26.1	25.8	25.4	25.2	27.4	22.9	97	93	83	84	84	85	87.7	2.1
24..	58.46	59.07	59.83	58.17	58.74	59.49	58.96	24.6	24.1	26.8	25.4	24.5	24.4	25	28.5	23.4	89	91	84	93	95	95	91.2	21.1
25..	58.47	58.95	60.03	57.98	58.43	59.78	58.94	23.6	24.1	26.5	28.9	26.4	25.6	25.8	29.4	23.3	99	97	88	78	93	95	91.7	8.9
26..	58.56	59.06	59.51	57.50	57.83	59.25	58.62	25.5	25.4	28.4	29.5	26.9	24.8	26.8	29.9	23.3	93	88	75	74	82	93	84.2	16.5
27..	57.70	58.34	59.27	57.22	57.39	57.70	57.94	24.9	25	27	28	26.7	26	26.3	28.9	24.4	95	96	88	85	87	92	90.5	4.1
28..	56.99	57.90	59.05	57.15	57.47	58.69	57.88	25.6	25.5	28.3	28.8	27.3	26.4	27	29.8	24	91	91	80	81	86	91	86.7	.....
Mean	59.99	60.35	61.40	59.46	59.92	61.11	60.37	23.7	23.5	25.8	26.2	24.7	24.2	24.7	27.2	22.7	93.5	93.5	86.4	85.1	90.6	92.2	90.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	736.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	N	NE	NNE	NE	NNE	39.3	85.5	71.6	68.6	265	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N. NE
2..	N	NE	ENE	N	NE	NE	51.8	59.3	63.1	79.4	253.6	10	Ci.-S.	N.	10	Ci.-S.	N. NE
3..	NE	N	NE	N	N	NNE	71.6	67	39.2	53.1	230.9	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N. ENE
4..	NE	NE	NE	NNE	N	Calm	45.4	33.8	44.8	27.2	151.2	10	.....	N.	10	Ci.-S.	Fr.-N. E
5..	Calm	NE	N	NE	NE	NE	25.9	43.3	46.7	45.1	161	10	Ci.-S.	N. ENE	8	Ci.-S.	Cu.-N. ENE
6..	NE	N	ENE	NE	ENE	NE	49.4	69.8	81.1	90.7	291	10	Ci.-S.	N. ENE	10	Ci.-S.	Fr.-N. ENE
7..	NE	NE	NE	NE	N	Calm	87.2	84.8	66	35.7	273.7	9	Ci.-S.	cu.-N. ENE	7	Ci.-S.	Cu.-N. ENE
8..	Calm	Calm	NE	NE	NE	NE	14.5	28	59.7	31.6	133.8	3	A.-Cu. E	Cu.	3	Ci.-S.	Cu.-N.
9..	Calm	Calm	NE	ENE	ENE	N	11.6	23.1	56.5	53.6	144.8	1	Ci.	Cu.	4	Ci.-S.	Cu.-N.
10..	E	NNE	NE	NNE	NNE	NNE	61	83.9	76.2	92.7	313.8	8	A.-Cu.	Cu.-N. NE	10	Ci.-S.	N. NE
11..	NE	NNE	NNE	NNE	NE	Calm	63.3	65.5	93.6	34.1	256.5	10	Ci.-S.	N.	10	Ci.-S.	N. NE
12..	Calm	Calm	ENE	NE	NNE	NNE	20.3	46.9	58.7	68.2	194.1	10	Ci.-S.	N. SSE	10	Ci.-S.	Cu.-N. ENE
13..	N	NNE	NNE	NNE	NE	NNE	71.4	80.8	103.6	102.2	358	8	Ci.-S.	Cu.	10	Ci.-S.	N. NE
14..	N	NE	NE	NE	NNE	NE	92.5	100.9	103.6	107.5	404.5	10	Ci.-S.	N. NE	10	Ci.-S.	Fr.-N. NE
15..	NE	ENE	ENE	NE	NE	NNE	104.4	95.5	78.5	61.2	334.6	10	Ci.-S.	N. ENE	6	Ci.-S.	Cu.-N. E
16..	E	N	NE	ENE	NE	NNE	47.3	49.9	66.6	46.7	210.5	10	Ci.-S.	N. E	8	Ci.-S.	Cu.-N. ESE
17..	N	Calm	ENE	ENE	NNE	NE	25.5	24.7	42.3	36.7	129.2	1	Ci.	Cu. E	2	.....	Cu. ESE
18..	NE	N	NE	NE	NE	NE	30	41.8	53.7	26.6	152.1	4	Ci.	Cu.-N. E	9	Ci.-S.	N. E
19..	NE	NE	NE	NE	SW	Calm	27.1	34.1	29.8	13.7	104.7	2	Ci.	Cu. ENE	10	Ci.-S.	N. SE
20..	Calm	WSW	NE	NNE	N	N	18.5	64.6	116.9	112	312	1	Ci.	Cu.	8	Ci.-S.	Cu.-N. NE
21..	N	N	NNE	NE	NE	NE	113.3	102.8	103.3	96	415.4	8	Ci.-S.	N. NE	9	Ci.-S.	Cu.-N. NE
22..	N	N	NNE	NE	NE	NNE	97.1	116.4	105.6	95.6	414.7	9	Ci.-S.	N. NE	8	Ci.-S.	Cu.-N. NE
23..	NE	NNE	NNE	NE	NNE	NNE	81.6	93.9	87.9	85	348.4	7	Ci.-S.	N. ENE	9	Ci.-S.	Cu.-N. NE
24..	NE	N	NNE	NE	NNE	NNE	84.8	75.4	73.8	67.1	301.1	4	Ci.	cu.-N. ENE	10	Ci.-S.	N. ENE
25..	NE	NE	NE	NNE	NE	NNE	33.8	44.3	48.5	44.5	171.1	10	Ci.-S.	N. ENE	4	A.-Cu.	Cu. ENE
26..	NE	ENE	NE	ENE	NE	NE	45.6	61	52.6	45.6	204.8	1	.....	Cu. E	1	.....	Cu.
27..	Calm	N	NNE	ENE	NE	NE	34.1	47.2	73.7	50.5	205.5	1	.....	Cu. ENE	5	A.-Cu.	Cu.-N. ENE
28..	N	NNE	NNE	NE	NE	NE	43.8	46.2	52.3	54.1	196.4	2	Ci.	Cu. E	8	Ci.-S.	Cu.-N. E
Mean	.....	.....	.....	.....	.....	.....	53.3	63.2	69.5	61.6	247.6	6.8	.....	.....	7.8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,932.4	.....	.....	.....	.....	.....	.....

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[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

MARCH, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1..	57.84	58.39	59.91	57.52	57.52	58.84	58.34	25.3	25.4	28.1	29.9	26.9	26.2	27	29.9	23.2	93	93	85	75	83	86	85.8	15.8
2..	58.09	58.60	59.34	57.25	57.42	58.75	58.24	25.8	24.5	26.8	29.6	27.1	26.2	26.7	29.9	24.3	87	93	84	71	82	87	84	6.6
3..	58.08	58.64	59.68	57.60	57.33	58.80	58.36	24.5	25.4	26.4	26.8	27	26.4	26.1	28.7	23.4	95	89	84	85	86	89	88	18.5
4..	57.51	57.68	59.08	56.75	57.36	58.89	57.88	24.8	24.9	28	26	25.2	25.5	25.7	28.9	23.9	97	97	78	89	92	93	91	26.9
5..	57.89	58.50	59.60	57.51	57.68	59.28	58.41	24.7	24.6	23.8	26.4	26.2	25.4	25.2	27.4	23.3	92	92	96	84	84	88	89.3	17.6
6..	58.84	59.19	60.11	58.16	58.09	59.14	58.92	25.3	25.1	29	29.5	27	26.5	27.1	29.9	24.7	88	89	72	70	81	83	80.5	1
7..	58.06	58.84	60.32	58.45	58.09	59.19	58.82	25.9	25.2	28.4	29.5	26.9	26.4	27	30.1	25	85	89	75	71	78	80	79.7	.3
8..	57.95	58.50	59.38	57.16	57.03	58.19	58.04	26.1	24.9	26.5	29	26.8	25.8	26.5	29.4	24	82	89	86	78	83	88	84.3	10.2
9..	57.60	58.44	59.83	57.64	57.48	59.15	58.36	25.4	22.8	24.5	27.9	26.5	25.5	25.4	28.4	22.4	85	97	94	79	84	90	88.2	12.5
10..	58.54	59.14	60.18	57.87	57.29	59.07	58.68	25.4	25.3	29.3	30.3	27.4	26.7	27.4	30.8	24	89	93	75	72	84	86	83.2	2.5
11..	58.53	58.44	59.92	58.02	58.44	59.54	58.82	24.6	25.8	25.9	26	24	22.7	24.8	28.5	22.4	94	87	85	85	91	93	89.2	12.2
12..	58.19	58.16	59.57	57.78	57.64	58.32	58.28	24.6	24.4	28.7	30.1	26.9	26.4	26.8	30.4	23.3	88	91	71	65	82	84	80.2	1.5
13..	57.66	58.11	59.52	57.78	58.37	59.89	58.56	25.3	25	25.9	28.4	27	26.2	26.3	29.2	24.6	90	92	92	78	86	85	87.2	7.2
14..	58.65	59.09	60.23	59.10	59.22	60.62	59.48	25.7	24.8	28.2	29.8	26.9	25.8	26.9	30.7	24.5	88	92	81	73	87	84	84.2	2.8
15..	59.97	60.70	61.96	60.25	60.58	61.54	60.83	25.2	25.5	28.8	27.3	26	25.3	26.4	30.9	24.5	85	84	76	87	84	88	84	9.1
16..	60.39	60.93	61.39	59.33	59.44	60.70	60.36	24.7	24.5	27.3	27.4	25.4	25.1	25.7	28.3	23.3	90	89	78	80	88	90	85.8	25.7
17..	59.47	60.18	60.87	58.92	59.29	60.83	59.93	24.8	24.6	27.1	28.7	26.5	24.9	26.1	29.4	23.4	92	91	82	75	82	92	85.7	25.4
18..	59.77	60.32	61.59	59.32	59.37	60.49	60.14	24.7	24.5	26	28.8	26.4	26.6	26.2	29	23.3	92	93	89	79	85	86	87.3	14
19..	59.58	59.88	60.63	58.76	58.62	60.16	59.60	25.9	25.4	29.4	30.4	27.7	26.4	27.5	30.4	24.9	89	92	75	74	82	86	83	1.5
20..	59.17	59.94	61.17	59.04	59.23	60.48	59.84	25.8	25.4	27.5	30.1	27.5	26.5	27.1	30.3	23.8	89	90	86	73	81	83	83.7	17
21..	59.79	60.44	61.76	60.01	60.13	61.62	60.62	25.4	24	25.5	27.1	25.7	25.6	25.6	27.7	23.5	88	93	88	81	88	88	87.7	6.1
22..	60.74	61.12	62.21	60.27	60.12	61.39	60.98	25.4	25	29.3	28.5	27.2	25.3	26.8	31.2	24.4	92	84	72	73	78	89	81.3	1
23..	59.76	60.24	61.43	59.73	59.13	60.28	60.10	25.4	25.1	26.1	28.9	27.2	25.9	26.4	29.8	23.4	89	89	83	72	75	84	82	.....
24..	59.51	59.74	61.28	59.63	59.	61.02	60.03	25.4	25.2	24.8	23.7	26	24.2	24.9	27.2	23	86	87	88	92	83	88	87.3	69.6
25..	60.19	60.38	61.36	59.58	59.72	60.75	60.33	23.3	23.6	25.1	28	26.7	25.1	25.3	28.5	22.8	94	92	88	73	79	89	85.8	4.4
26..	59.92	59.82	61.18	59.44	59.25	61.18	60.13	25.4	25	24.3	24.7	24	23.6	24.5	26.5	23.2	88	88	85	93	96	97	91.2	97.7
27..	60.05	60.23	61.72	59.96	59.83	61.29	60.51	23.5	23.4	25.5	29	26.8	26.1	25.7	29.2	23	97	97	89	78	86	86	88.8	16.3
28..	59.99	60.82	62.20	60.80	60.58	62.57	61.16	25.7	25.1	29.1	30.2	27.7	26.4	27.4	30.5	24.8	87	90	74	70	76	84	80.2	5.1
29..	61.16	61.46	62.51	60.37	60.18	61.92	61.27	25.6	24.6	26.1	27.3	26.8	26	26.1	28.3	24	88	90	89	83	83	88	86.8	22.3
30..	59.90	60.58	61.17	58.81	58.77	60.38	59.94	23.8	22.5	28.5	30.4	27.9	26.5	26.6	30.8	22.4	95	96	78	71	80	86	84.3	.....
31..	59.37	59.92	60.88	58.56	58.91	60.59	59.70	24.6	22.8	29.6	30.5	26.9	26	26.7	31.3	22.5	90	97	75	72	90	88	85.3	8.9
Mean	59.10	59.56	60.71	58.75	58.75	60.16	59.51	25.1	24.7	27.1	28.4	26.6	25.7	26.3	29.4	23.7	89.8	91.1	82.4	77.5	83.8	87.4	85.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	459.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	NNE	NE	NE	NE	NE	47	42.8	59.8	60.9	210.5	10	Ci.-S.	N. E	3	Ci.	Cu.-N.
2..	NE	NNE	NE	ENE	NE	NE	57.4	60	56.9	56.9	231.2	7	Ci.-S.	N. ENE	2	Ci.	Cu. E
3..	NE	NNE	NE	NE	NE	NNE	40	36.5	49.1	39.7	165.3	10	Ci.-S.	N. E	4	Ci.-S.	Cu.-N.
4..	NE	Calm	NE	NE	NE	NNE	23.1	50.7	53.4	40.7	167.9	9	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	N. ENE
5..	N	NNE	NE	NNE	NE	ENE	39.2	47.8	53.4	53.9	194.3	10	Ci.-S.	N. E	10	Ci.-S.	Cu.-N. E
6..	N	NE	NE	E	NE	NE	30.3	49.1	66.5	50.9	196.8	7	A.-Cu.SW	Cu.	2	.....	Cu.
7..	NE	NNE	NE	NE	NE	NE	59.2	77.9	91.2	69.4	297.7	8	Ci.-S.	Cu.-N. ENE	1	.....	Fr.-Cu. NE
8..	NE	NNE	NE	NNE	NNE	NNE	66.2	59.3	58.7	42.1	226.3	5	Ci.-S.	Cu.-N. E	3	.....	Cu.-N. ENE
9..	N	SSE	N	NE	NNE	N	34.1	30.3	39.6	39.2	143.2	10	Ci.-S.	N. E	4	A.-Cu.	Cu.-N. ENE
10..	NE	NNE	NE	NE	NE	NE	31.1	48.3	64.6	66.2	210.2	7	Ci.	Cu.-N. ENE	7	Ci.	Cu. ENE
11..	NE	NE	NNE	ENE	NE	Calm	63.9	64.4	78.3	41.3	247.9	3	Ci.	Cu. ENE	10	Ci.-S.	Fr.-N. E
12..	NE	NNE	NE	ENE	NE	NNE	43.8	60.4	58.5	50.1	212.8	4	Ci.-S.	Cu.-N. E	3	Ci. WSW	Cu.
13..	N	NNE	NNE	NE	NNE	NE	40.8	45.6	53.4	40.4	180.2	6	Ci.	Cu. ESE	2	Ci.	Cu.-N.ESE
14..	N	NNE	NE	ENE	NE	NE	37.3	51.8	55.2	51.5	195.8	10	Ci.-S.	N. E	7	Ci.	Cu. NE
15..	N	NNE	NE	NNE	N	NE	42.1	58.7	54.7	46.2	201.7	4	Ci.	Cu.	9	Ci.-S.	N. E
16..	N	NE	NNE	ENE	NNE	NE	58.2	61.7	51.5	45.1	216.5	10	Ci.-S.	N. E	8	Ci.-S.	N. E
17..	N	ENE	NE	NNE	NE	NNE	32.7	50.1	52.5	45.1	180.4	9	Ci.-S.	N. E	5	A.-Cu.	Cu.-N. E
18..	N	ENE	NNE	NE	NE	NNE	48.1	54.1	54.5	42.3	199	8	Ci.-S.	N. ENE	8	Ci.-S.	N. E
19..	N	NNE	NE	ENE	NE	NNE	42.3	48.5	56.6	35.7	183.1	6	Ci.-S.	Cu.-N. E	6	A.-Cu.	Cu.-N. NE
20..	N	Calm	NNE	NE	NE	NE	30.3	30.6	54.5	63.9	179.3	8	Ci.-S.	Cu.-N. ENE	2	.....	Cu. ENE
21..	N	NNE	NE	ENE	NE	NE	41	48.3	53.4	39.4	182.1	9	Ci.-S.	N. ENE	8	Ci.-S.	Cu. ENE
22..	N	NNE	ENE	ENE	NNE	NNE	38.4	42.8	57.9	45.9	185	0	.....	.....	4	A.-Cu. ENE	Cu.-N.
23..	NE	NNE	NE	E	ENE	ENE	48.1	53.3	51.2	44.6	197.2	1	.....	Cu. ENE	6	A.-Cu. ENE	Cu.
24..	NE	NE	ENE	N	NNE	NE	45.1	48.8	44.5	47.8	186.2	6	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	N.
25..	NE	N	NE	ENE	NE	NNE	38.4	48.6	63.1	62.8	212.9	8	Ci.-S.	Cu.-N. ENE	8	Ci.-S.	Cu.-N. ENE
26..	N	NE	NE	NE	NE	N	54.9	60.6	48.3	19.1	182.9	3	.....	Cu. ENE	10	Ci.-S.	N. E
27..	Calm	Calm	Calm	NE	NE	N	11.9	28.7	46.2	38.8	125.6	10	Ci.-S.	N. E	6	A.-Cu. ENE	Cu.-N.
28..	N	NE	NE	NE	NE	ENE	29	43.1	58.5	51.5	182.1	6	Ci.-S.	Fr.-N. ENE	2	.....	Cu. ENE
29..	Calm	Calm	E	NE	NNE	NNE	21.4	23.8	37.2	45.7	128.1	5	Ci.-S.	Cu.-N. E	7	A.-Cu. NNE	Cu.
30..	Calm	Calm	NNE	NE	NNE	NE	12.6	27.7	44.1	26.4	110.8	3	Ci.	Cu.	3	Ci. NNE	Cu.
31..	Calm	NE	NE	ENE	W	NE	12.3	37.3	38.9	40.8	129.3	3	Ci.	Cu.	2	A.-Cu.	Cu.
Mean	.....	.....	.....	.....	.....	.....	39.4	48.1	55	46.6	189.1	6.6	.....	.....	5.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,862.3	.....	.....	.....	.....	.....	.....

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

APRIL, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.74	60.17	60.61	58.74	59	60.55	59.80	24.5	23.4	28.8	31.1	28.5	27.2	27.2	31.1	23.2	91	96	67	66	80	87	81.2	14.7
2..	58.98	59.33	60.10	58.25	58.52	59.76	59.16	26	25.8	29.4	29.6	27.3	26.7	27.5	31.3	25.4	91	91	76	77	86	88	84.8	1.3
3..	58.72	58.92	60.15	58.01	58.02	60.16	59	26.3	26.1	29.4	30.4	28.1	26.5	27.8	30.8	25.5	89	89	77	72	80	83	81.7	.5
4..	58.95	59.30	60.20	58.54	58.07	60	59.18	25.1	24.4	30.2	31.2	28.7	27.3	27.8	31.5	23	92	96	71	69	75	83	81	1
5..	58.98	59.68	60.47	58.22	58.67	60.02	59.34	26.2	25.7	29.1	30	26.9	26.7	27.4	30.9	25.5	90	93	76	71	86	86	83.7	4.8
6..	58.75	58.80	59.92	57.90	58.35	59.76	58.91	25.4	26.4	30	30.8	28.2	26.9	28	31.5	25	93	88	71	76	80	86	82.3	4.3
7..	58.70	58.79	59.63	56.95	57.56	59.39	58.50	25.9	25	28.2	29.3	27.5	26.9	27.1	30.5	24.4	90	94	76	76	84	86	84.3	10.5
8..	57.49	57.72	58.80	56.77	57.79	59.18	57.96	26.6	26.3	28.6	27.2	25.9	25.6	26.7	30	24	88	90	78	86	90	91	87.2	8.7
9..	57.80	58.19	59.35	57.52	58.45	59.37	58.45	25.5	25.2	29.4	28.8	25.8	26	26.8	31.8	24.4	90	92	74	80	85	86	84.5	4.1
10..	58.73	58.88	60.06	57.30	57.58	58.87	58.57	26.1	24.7	30.3	30.8	28.5	27.4	28	31.3	24.5	86	95	72	72	80	82	81.2	.....
11..	57.57	57.82	58.53	56.83	56.79	58.24	57.63	27.1	25.9	29.3	29.5	28.2	27.5	27.9	30.4	25.6	81	86	72	73	78	81	78.5	.....
12..	56.77	57.44	58.61	56.31	56.72	58.27	57.35	24.6	23	30	30.9	28.6	27.8	27.5	31.3	22.8	89	95	72	70	80	83	81.5	.....
13..	57.24	57.91	59.26	57.51	57.55	59.20	58.11	27.1	24	30.1	31.5	29	27.4	28.2	31.8	23.7	80	93	67	67	80	86	78.8	.....
14..	58.72	58.81	59.64	57.75	58.40	59.98	58.88	25.5	24.1	29.9	31.5	28.3	27.5	27.8	31.6	24	93	97	71	64	81	82	81.3	.....
15..	58.69	58.79	59.22	56.68	57.23	58.86	58.24	24.9	23.1	30	32	29	27.5	27.8	32.1	22.9	92	95	71	66	75	83	80.3	.....
16..	57.50	57.91	58.43	56.31	56.85	58.56	57.59	25.4	24.5	30.3	32	29.2	28.1	28.2	32.9	23.9	93	95	72	66	78	84	81.3	.....
17..	57.79	58.03	58.99	56.80	57.51	58.62	57.96	25.7	24.6	30.8	31.6	28.8	27.6	28.2	32.8	24.6	94	95	69	67	76	82	80.5	.....
18..	58.13	58.71	59.51	57.09	57.25	59.35	58.34	25.2	24	30.9	32.2	28.9	27.6	28.1	32.4	23.9	93	96	69	67	78	81	80.7	.....
19..	58.37	58.79	59.24	57.41	57.12	59.07	58.33	27.3	26.8	31	31.5	29	28	28.9	31.8	26.5	81	83	67	66	76	82	75.8	.....
20..	58.04	58.56	59.09	57.24	57.05	58.76	58.12	27	24	30.7	31.5	29.1	27.6	28.3	31.8	23.9	81	95	69	65	77	80	77.8	.....
21..	57.47	57.62	58.67	56.76	56.93	58.87	57.72	26.4	25.6	31	31.8	29.3	27.5	28.6	32.3	25.4	83	86	65	64	72	80	75	.....
22..	57.73	57.68	58.69	56.71	57.37	58.32	57.75	26.2	24.5	29.9	30.4	28.6	27.8	27.9	32	24.5	84	95	71	70	76	79	79.2	.....
23..	56.88	57.27	58.37	57.11	56.80	58.68	57.52	26	26.4	30.2	31.3	28.8	27	28.3	32.1	24.1	90	85	70	66	72	83	77.7	.....
24..	57.79	58.19	59.02	57.13	57.17	59.05	58.06	24.3	23.5	31	32.5	29.4	27.4	28	32.8	23.5	92	96	68	63	74	84	79.5	.....
25..	58.10	58.43	59.45	57.49	57.53	59.05	58.34	24.5	24.1	31	32.1	29.4	28.3	28.2	32.4	23.9	95	94	68	64	75	80	79.3	.....
26..	57.72	57.96	59.05	56.88	57.37	58.44	57.90	27.2	27	30.5	31.8	28.9	27.3	28.8	32.3	26.5	84	83	68	64	74	80	75.5	.....
27..	57.17	57.46	58.79	56.70	57.19	58.19	57.58	27.1	23.5	30.1	32.1	29.8	26.1	28.1	32.3	23.4	77	90	66	62	71	88	75.7	.....
28..	57.30	57.64	58.60	56.18	56.86	57.87	57.41	24.4	23.1	30.4	32.9	29.5	27.8	28	33.2	22.9	96	96	68	59	75	82	79.3	.....
29..	57.33	57.71	58.16	56.19	56.20	57.62	57.20	27.2	24.1	30.5	32	29.3	28.2	28.6	32.7	23.6	80	91	67	67	76	80	76.8	14.2
30..	56.42	56.97	57.95	56.41	56.37	58.31	57.07	27.5	24.1	30	31	29.4	27.3	28.2	31.1	22.9	83	96	71	72	81	84	81.2	.....
Mean	57.99	58.32	59.22	57.19	57.48	59.01	58.20	25.9	24.8	30	31	28.5	27.3	27.9	31.8	24.2	88	92.2	70.6	68.9	78.4	83.4	80.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	64.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	NE	NE	ENE	N	18.8	34.8	50.2	28.4	132.2	1	.....	Cu.	1	.....	Cu.
2..	N	Calm	NE	ENE	NE	NE	33	38.8	45.6	40.8	158.2	2	.....	Cu. E	9	Ci.-S.	Cu.-N. E
3..	N	N	NE	ENE	NE	N	31.9	44.8	63.3	38.9	178.9	6	Ci.-S.	Cu.-N. E	6	Ci.	Cu.-N.
4..	Calm	Calm	NE	ENE	NE	ENE	12.4	43.8	53.3	44.3	153.8	5	Ci.	Cu. ENE	5	Ci. ENE	Cu.
5..	NE	NNE	NE	NE	NE	NNE	37	49.9	61.2	44.1	192.2	7	Ci.-S.	Cu.-N. E	4	Ci.	Cu. ENE
6..	Calm	NNE	E	ENE	ENE	NNE	37.6	55.8	56.1	43.8	193.3	3	A.-Cu.	Cu. ENE	1	Ci.	Cu.
7..	N	Calm	NNE	NE	N	N	38	26.2	41.8	36.7	142.7	9	Ci.-S.	N. E	8	Ci.-S.	Cu. E
8..	N	NNE	NE	NE	NE	NNE	33.3	50.5	40.5	50.7	175	4	Ci.	Cu. ENE	10	Ci.-S.	N. SE
9..	Calm	Calm	NE	NE	NE	NE	13.1	32.4	52.8	48.3	146.6	7	A.-Cu. W	Cu.	9	Ci.-S.	N. ESE
10..	NE	Calm	NE	NE	ENE	ENE	26.4	31.6	54.4	54.1	166.5	1	Ci.	Cu. ESE	3	A.-Cu. ESE	Cu.-N.
11..	ENE	NNE	NE	NE	NE	ENE	38.9	50.4	61.8	51.7	202.8	3	Ci.	Cu. E	7	A.-Cu. ESE	Cu.-N.
12..	Calm	Calm	NE	ENE	ENE	NE	11.8	35.7	63.6	52.5	163.6	2	Ci.	Cu.	1	.....	Cu.
13..	E	Calm	NE	ENE	NE	E	25.1	31.9	52.5	39.6	149.1	2	Ci.	Cu.	2	Ci.	Cu.
14..	Calm	Calm	NE	ENE	NE	NE	11.9	33.6	52.3	38.9	136.7	3	Ci.	Cu.	2	Ci.	Cu.
15..	Calm	Calm	NE	ENE	ENE	Calm	14.5	30.1	48.3	32.2	125.1	3	Ci.	Cu.	2	Ci.-S.	Cu.-N.
16..	Calm	W	S	NE	NE	ENE	12.4	34.3	47	44	137.7	3	Ci.	Cu.	3	Ci.	Cu.-N.
17..	Calm	Calm	NE	NE	NE	ENE	19.9	32	45.4	38	135.3	2	Ci. W	Cu.	4	Ci.	Cu.-N.
18..	Calm	Calm	ENE	NE	ENE	ENE	10.2	33.6	54.4	48.3	146.5	2	Ci. W	Cu. ENE	2	.....	Cu.
19..	NE	NE	NE	NE	NE	NE	46.5	40.4	59.3	43.5	189.7	2	Ci.	Cu. ENE	1	.....	Cu.
20..	NE	Calm	NE	NE	NE	ENE	26.4	38.6	61.8	43.8	170.6	1	Ci.	Cu.	2	Ci.	Cu. ESE
21..	N	N	ENE	NE	NE	N	35.9	52	58.2	39.4	185.5	2	Ci.	Cu. ENE	2	A.-Cu. ESE	Cu.
22..	NE	Calm	NNE	ENE	NE	ENE	17.4	53.4	63.3	36.4	170.5	4	Ci.	Cu. E	7	Ci.-S.	Cu. E
23..	Calm	E	NE	NE	NE	Calm	30.8	49.6	65.2	28.2	173.8	8	Ci.-S.	Cu. E	3	Ci.	Cu.-N.
24..	NE	Calm	NE	ENE	ENE	Calm	15.8	32	52	27.9	127.7	5	Ci.-S.	Cu.	3	.....	Cu.-N.
25..	Calm	Calm	NE	ENE	NE	NE	7.5	43.5	54.4	48.5	153.9	2	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
26..	N	NNE	NE	NE	ENE	N	45.6	52.6	63.9	48.5	210.6	9	Ci.-S.	Cu.-N. ENE	3	Ci.	Cu.-N. NE
27..	NNE	N	NE	NE	NE	Calm	39.4	37.3	42.8	17.7	137.2	7	Ci.-S.	Cu.	5	Ci. SE	Cu.-N.
28..	Calm	Calm	ENE	NE	ENE	NE	12.9	30	59.2	55	157.1	3	Ci.	Cu.	3	Ci.-S.	Cu.
29..	NE	Calm	NE	E	ENE	NE	32.5	35.4	62	53.1	183	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
30..	N	WSW	NE	ENE	NE	Calm	44.5	31.7	39.2	15.8	131.2	8	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.
Mean	.....	.....	.....	.....	.....	.....	26	39.6	54.2	41.1	160.9	4	.....	.....	4.1	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,827	....	.....	.....	....	.....	.....

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[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

MAY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.37	57.56	58.48	56.84	57.40	59.33	57.83	25.1	24.1	30.7	32.4	29.5	28.5	28.4	32.9	23.8	92	96	70	65	73	78	79	.....
2..	57.39	57.80	59.35	57.29	57.36	59.26	58.08	26.9	24.9	31.5	30.7	27.6	26.5	28	32.7	24.4	87	95	67	74	83	81	81.2	1
3..	57.48	57.35	58.11	56.57	56.99	58.42	57.49	26.6	26.1	30.8	26.4	26.8	25.3	27	31.8	24.8	86	89	72	91	88	95	86.8	6.4
4..	56.90	57.85	58.94	56.54	57.23	58.97	57.74	24.9	24.4	30.8	31.7	29.4	28.2	28.2	33	24	93	96	70	67	80	82	81.3	.....
5..	57.87	58.07	59.51	57.69	57.38	59.57	58.35	27.1	27	31.6	32.7	29.5	28.5	29.4	32.8	26.7	84	84	63	62	76	82	75.2	.....
6..	57.79	58.35	58.75	56.99	57.85	59.41	58.19	26.8	24.6	30.7	32	29.5	28.5	28.7	32.5	24.5	87	94	67	64	77	81	78.3	.....
7..	57.77	57.98	59.24	57.04	57.40	59.11	58.09	28.1	26.5	30.8	31.8	28.1	26	28.6	32.3	25	82	91	70	69	84	93	81.5	.....
8..	57.99	57.91	59.01	57.34	57.77	59.82	58.31	24.1	23.5	30.4	30.9	28.5	26.5	27.3	32.4	23.3	95	96	72	74	79	93	84.8	1
9..	58.69	58.63	58.81	57.04	57.65	59.70	58.42	25.4	24.4	31.1	31.6	29.8	27.9	28.4	33.3	24.1	93	95	70	70	77	85	81.7	.....
10..	58.23	58.72	58.57	56.73	57.65	59.12	58.17	26.1	24.8	31.4	31.8	28.4	26.5	28.2	32.8	24.5	92	95	65	69	80	90	81.8	.....
11..	57.59	57.58	58.10	55.78	56.60	58.44	57.35	24.6	24	29.9	32.2	30	27	28	33.3	23.6	97	96	72	69	77	90	83.5	.....
12..	57.80	58.41	58.74	57.52	57.78	59.24	58.25	25.5	25.4	31.7	25.3	27.3	25.9	26.8	33.9	24	98	88	64	88	88	89	85.8	8.2
13..	58.61	58.86	59.71	57.73	58.51	60.15	58.93	24.9	24.8	30.4	32.1	30.1	27.2	28.2	32.9	24.5	95	95	70	67	74	85	81	.....
14..	59.36	59.67	60.64	58.53	58.41	60.62	59.54	26.4	27.4	31.7	32.5	29.8	27.9	29.3	32.9	25.9	88	87	65	63	75	84	77	.....
15..	59.96	60.44	60.91	58.94	59.06	60.85	60.03	25.5	24.6	31.3	31.8	29.5	28.2	28.5	33.2	24.3	95	94	64	64	72	75	77.3	.....
16..	59.64	60.03	60.50	58.24	58.93	60.80	59.69	27.2	23.6	31.4	32.4	29.1	27.4	28.5	32.8	23.5	80	94	64	61	72	74	74.2	.....
17..	59.16	59.67	60.82	58.35	58.69	61.10	59.63	24.9	22.1	30.3	32.3	29.5	28.1	27.9	32.4	21.9	87	92	66	58	70	77	75	.....
18..	60	59.82	61.26	59.21	58.93	60.83	60.01	27.9	27.4	32	32.9	29	26.9	29.4	33	26.2	79	81	65	62	78	91	76	10.7
19..	59.62	59.58	60.26	58.26	58.11	59.62	59.24	24.9	26	30.6	30.9	28.5	27.6	28.1	31.4	24.4	94	88	69	69	75	78	78.8	.....
20..	57.64	57.60	59.72	58.06	58.61	59.06	58.45	26.6	26	25.8	29	27	24.6	26.5	29.3	24.4	83	87	88	71	81	92	83.7	17.3
21..	57.86	57.97	58.94	57.60	57.38	58.83	58.10	24.2	24.5	30.4	29	28.5	27.5	27.4	31.7	23.3	91	87	68	74	75	74	78.2	.....
22..	58.17	58.65	59.75	58.16	57.93	59.59	58.71	25.4	24.1	29.4	28.8	27.4	24.6	26.6	30.3	23.4	87	94	71	77	80	91	83.3	.....
23..	58.58	59.01	60.05	58.49	58.37	60.09	59.10	23.9	23.4	30.4	31.5	28.5	25.3	27.2	32.1	23	92	93	66	65	78	91	80.8	.....
24..	58.83	59.01	59.38	57.97	57.95	59.32	58.74	24.1	23.1	29.3	30	28.5	25.7	26.8	31.3	22.8	94	95	72	70	76	88	82.5	.....
25..	58.25	58.39	58.63	57.29	57.58	58.31	58.08	24.6	23.4	30.7	31.8	26	24.9	26.9	32.2	23.4	90	96	67	66	90	93	83.7	.....
26..	58.18	58.69	59.06	57.39	57.37	59.70	58.40	24.6	23.7	30.8	32.4	29.7	26.6	28	32.5	23.5	94	95	69	62	75	90	80.8	.....
27..	58.69	59.33	59.70	58.22	58.70	59.07	58.95	25.8	23.9	31	30.6	29	26.9	27.9	31.9	23.7	88	93	69	70	77	90	81.2	.8
28..	58.19	58.37	59.65	57.65	57.45	58.91	58.37	25.3	25.1	28.5	30	29.4	28	27.7	30.8	24.7	94	93	80	73	72	79	81.8	1.8
29..	58.22	58.58	58.67	56.68	56.62	58.30	57.84	26.3	25	30.8	32.8	29.5	28.5	28.8	32.9	24.6	88	93	69	62	77	81	78.3	.....
30..	57.36	58.24	59.25	57.11	57.10	58.77	57.97	26.8	26.4	29.9	29.5	29.1	28.1	28.3	31.5	26.3	88	90	75	79	80	84	82.7	16
31..	57.89	58.56	59.51	57.65	58.33	59.78	58.62	25.2	24.1	30.3	31.8	26.5	25	27.2	32.3	24	92	95	72	69	88	93	84.8	.3
Mean	58.29	58.60	59.42	57.58	57.84	59.49	58.54	25.7	24.8	30.5	31	28.7	26.9	27.9	32.3	24.2	89.8	92.2	69.4	69.2	78.3	85.5	80.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	NE	ENE	ENE	ENE	14.8	28.8	56.6	49.6	149.8	5	Ci.-S.	Cu.	2	Ci.	Cu.-N. NE
2..	Calm	Calm	NE	ENE	NNE	NE	12.4	39.2	50.5	44.5	146.6	3	Ci.	Cu. ENE	8	Ci.-S.	Cu.-N.
3..	NE	N	NE	Calm	Calm	Calm	38.6	41	17.5	11.3	108.4	7	Ci.-S.	Cu.-N. ENE	9	Ci.-S.	N.
4..	Calm	W	S	NE	NE	ENE	15.1	26.9	43.1	44.5	129.6	6	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
5..	N	NE	NE	NE	NE	ENE	45.4	44.6	63.8	48	201.8	3	Ci. W	Cu.	7	Ci.	Cu.
6..	Calm	Calm	NE	ENE	NE	NE	23.8	36.7	58.9	28.8	148.2	1	Ci.	Cu.	2	Ci.	Cu.
7..	NE	Calm	NE	ENE	N	Calm	26.8	32.4	37.3	16.9	113.4	7	A.-Cu. W	Cu.	8	Ci.-S.	Cu.-N.
8..	Calm	NNW	NE	ENE	NNE	Calm	16.6	30	50.5	16.1	113.2	1	Ci.	Cu.	4	Ci.	Cu.-N.
9..	Calm	W	S	ENE	Calm	NNE	17.7	38	40.8	22.2	118.7	3	Ci.	Cu.	6	Ci.	Cu.-N.
10..	Calm	Calm	S	E	NE	Calm	13.9	29.2	37.3	19.5	99.9	5	Ci. ENE	Cu.	8	Ci.-S.	Cu.-N.
11..	NW	WNW	NE	ENE	E	Calm	23.8	27.2	48.3	18.7	118	7	Ci.-S.	Cu.	4	Ci.	Cu.-N.
12..	SW	WSW	SW	SW	Calm	Calm	36.8	48.9	36.7	14.5	136.9	3	Ci.	Cu.	10	Ci.-S.	N. WSW
13..	SW	WSW	NE	ENE	NE	Calm	28.4	29.3	57.9	31.6	147.2	3	Ci.	Cu.	2	Ci.	Cu.
14..	Calm	E	NE	ENE	E	E	17.2	46.5	68.1	43.3	175.1	1	.....	Cu. ENE	1	Ci.	Cu.
15..	Calm	Calm	NE	NE	NE	ENE	10	41.2	73	58.4	182.6	3	.....	Cu. ENE	2	Ci.	Cu.
16..	NE	Calm	ENE	ENE	NE	NNE	31.9	38.3	67.8	53.6	191.6	0	.....	.....	1	Ci.	Cu.
17..	Calm	Calm	NE	ENE	NE	NE	18.2	32.7	58.9	58.2	168	0	.....	.....	1	.....	Cu.
18..	NE	NE	NE	E	ENE	Calm	45.6	53.7	68.9	41.3	209.5	2	Ci.	Cu. ENE	6	Ci.-S.	Cu.-N. ESE
19..	SE	NNE	NE	E	NE	NNE	44.6	57.7	64.6	47.5	214.4	3	A.-Cu. W	Cu.	8	Ci.-S.	Cu. ESE
20..	Calm	Calm	NE	NE	NE	N	14.3	45.1	51.3	44.6	155.3	1	.....	Cu. E	8	Ci.-S.	N. E
21..	Calm	Calm	NE	NE	NE	NE	14.7	40.5	63.8	46.1	165.1	2	Ci.	Cu.	8	Ci.-S.	Cu.-N.
22..	Calm	NNE	NE	ENE	NE	SE	11.3	65.7	74.5	26.9	178.4	8	Ci.-S.	N. ENE	9	Ci.-S.	Cu.-N. E
23..	Calm	Calm	NE	NE	Calm	SW	10.8	38.3	42.9	26.2	118.2	3	Ci. WSW	Cu.	8	Ci.-S.	Cu.-N.
24..	Calm	SW	NE	ENE	Calm	Calm	15.6	27.9	44.3	12.1	99.9	3	Ci.	Cu. NE	8	Ci.-S.	Cu.-N.
25..	Calm	Calm	NE	ENE	Calm	Calm	13.1	37.6	45.1	11.8	107.6	4	Ci.	Cu. ENE	5	Ci.-S.	Cu.-N. WNW
26..	Calm	Calm	SW	ENE	Calm	Calm	15.3	35.2	48.9	15.1	114.5	3	Ci.	Cu.	3	Ci.	Cu. SE
27..	NE	Calm	NE	ENE	E	Calm	20.6	46.9	53.3	19	139.8	2	Ci.	Cu.	8	Ci.-S. W	Cu.
28..	Calm	Calm	NE	NE	ENE	NE	16.4	29.6	36	44	126	9	Ci.-S.	N. ENE	8	Ci.-S.	Cu.-N. ENE
29..	Calm	Calm	NE	NE	ENE	ENE	11	32.7	61.4	42.9	148	2	Ci. WSW	Cu. ENE	7	Ci.-S.	Cu.-N.
30..	N	Calm	NE	ENE	NE	ENE	35.2	34	45.3	45.9	160.4	7	Ci.-S.	Cu.-N. ESE	9	Ci.-S.	N.
31..	S	Calm	S	NE	SW	Calm	28.7	26.9	46.7	15.3	117.6	9	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N. ESE
Mean	.....	.....	.....	.....	.....	.....	22.2	38.2	52.1	32.9	145.3	3.7	.....	.....	5.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,503.7	.....	.....	.....	.....	.....	.....

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

JUNE, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.							Relative humidity.								Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.39	59.10	59.78	58.68	57.26	59.04	58.71	24.2	24	29.9	25	25.2	25	25.6	32.3	23.6	96	96	72	92	92	95	90.5	14.2
2..	58.25	58.31	59.10	57.09	56.66	58.19	57.93	25.1	25.5	31.4	32	28.8	27.9	28.4	32.3	25.1	97	95	66	69	78	81	81	.....
3..	57.34	57.57	58.27	56.60	57.10	58.02	57.48	27.3	27.1	31.1	31.6	28.9	27.8	29	32.1	26.8	84	83	69	67	74	80	76.2	25.1
4..	57.28	57.49	58.44	57	57.31	58.74	57.71	26.4	26.5	30.2	27.7	28.4	27.6	27.8	31.8	25.1	89	87	73	87	79	82	82.8	3.1
5..	58.09	58.40	59.30	57.76	57.61	59.51	58.44	27.5	26.5	31.2	31.7	29.4	28.1	29.1	32.1	26	82	87	68	69	75	82	77.2	.....
6..	58.93	59.41	59.70	58.05	58.07	59.73	58.98	26.7	26.9	31	31	29.8	28.3	29.1	32.8	26.4	85	84	69	65	73	78	75.7	.....
7..	58.63	58.73	58.99	57.84	58.13	59.53	58.64	27.3	26	31.4	32	29.5	27	28.9	32.3	25.8	83	90	66	66	76	86	77.8	.5
8..	58.68	58.82	59.56	57.90	58.43	59.70	58.85	27	27.3	30.5	31.4	29.7	28.1	29	31.5	25.8	86	81	70	68	73	82	76.7	1.5
9..	58.98	59.42	60.22	58.35	58.48	59.93	59.23	24.6	23.5	30.8	31.1	29	27.8	27.8	31.8	23.3	94	93	67	68	74	81	79.5	.....
10..	59.12	59.47	59.67	57.64	58.50	59.75	59.02	27	25.9	29.2	31.6	29	27.5	28.4	32.1	25.2	83	88	76	64	74	81	77.7	4.8
11..	58.89	58.80	59.16	57.81	57.51	58.56	58.46	26.2	25.9	30.1	30.5	28.5	26.2	27.9	32.3	24.6	86	85	69	68	78	87	78.8	11.9
12..	57.68	57.86	58.45	57.09	57.48	58.52	57.85	27	24	31	31.4	29.4	28.1	28.5	31.9	23.9	82	95	65	66	73	79	76.7	3.6
13..	57.86	58.25	58.72	56.90	57.08	58.47	57.90	26.1	26.6	31	31.6	29.5	28.1	28.8	31.8	25.3	89	85	65	65	73	81	76.3	.....
14..	58.08	58.64	59.36	57.11	57.43	59.30	58.32	26.8	26.3	30.5	30.8	29.3	27.6	28.6	31.8	25.7	81	82	70	69	68	77	74.5	.....
15..	58.97	59.07	59.22	58.10	58.19	60.20	58.96	25.9	26.4	29.8	32.3	29.8	27.4	28.6	32.4	24.9	88	86	75	65	73	84	78.5	.....
16..	58.76	58.54	58.84	57.10	56.61	58.85	58.12	27	26.7	31	31.9	29.5	28	29	32.4	26.5	86	87	68	65	71	80	76.2	.....
17..	57.43	57.74	57.91	55.88	56.36	57.92	57.21	26.9	24.9	31	32.2	29.6	26.6	28.5	32.7	24.6	85	92	65	61	73	87	77.2	.....
18..	57.23	57.46	58.19	56.80	57.62	59.43	57.79	25.1	24.6	30.6	29	27.3	25.6	27	31.3	24.4	92	94	71	78	84	92	85.2	.....
19..	58.44	58.54	59.71	58.65	58.69	60.01	59.01	24.4	24.9	29.8	30.5	29.3	26.5	27.6	32.9	24.3	95	92	69	68	74	86	80.7	.3
20..	59.19	59.41	59.76	58.50	58.70	60.56	59.35	25.4	25.3	30.5	32.3	30.2	23.5	27.9	32.8	23.1	91	91	68	69	75	95	81.5	22.6
21..	59.11	59.06	58.90	57.88	58.15	59	58.68	23.3	23.2	29.8	30.9	29	25.4	26.9	32.3	22.7	94	94	71	67	74	88	81.3	.....
22..	59.09	58.35	58.58	56.25	56.78	57.99	57.67	23.9	23.6	30.8	31.5	29.3	25.9	27.5	32.3	23.3	93	93	61	61	71	82	76.8	.....
23..	57.40	57.86	57.97	56.05	56.75	58.74	57.46	24.4	23.6	30.1	31.5	29.3	26.4	27.6	31.9	23.4	90	94	66	67	72	88	79.5	.....
24..	57.34	57.69	58.54	57.11	57.35	58.44	57.74	25	24.1	27.4	31.5	28.4	25.6	27	31.6	23.9	90	91	83	63	81	88	82.7	.3
25..	57.23	57.30	57.79	56.26	56.21	57.24	57	24.9	24	27.5	28.4	28	26.3	26.5	29.9	23.6	88	92	81	78	77	85	83.5	2.3
26..	55.48	55.89	56.83	55.64	55.83	57.34	56.17	24.6	24	25.5	27	26	25.1	25.4	27.3	23.8	90	94	88	78	90	94	89	5.4
27..	57.43	58	58.43	57.09	57.88	59.62	58.08	24.1	24	28.8	32	28.1	25.8	27.1	32.6	23.5	93	92	69	57	77	89	79.5	.....
28..	58.96	59.10	59.33	58.40	58.76	60.42	59.16	24.9	24.1	29.3	31.8	29.5	28.2	28	32.4	23.9	92	96	71	63	75	82	79.8	.....
29..	59.33	60.01	59.91	57.80	57.90	59.20	59.02	26	25.4	31	32	29	27.7	28.5	32.4	25	91	93	67	67	77	83	79.7	3.6
30..	58.38	58.55	58.71	56.84	56.96	58.22	57.94	26.1	26	29.6	30.9	28.6	27.5	28.1	32.1	24.9	85	84	74	67	78	83	78.5	6.6
Mean	58.17	58.43	58.91	57.34	57.53	59.01	58.23	25.7	25.2	30.1	30.9	28.8	26.9	27.9	31.9	24.6	88.7	89.9	70.4	68.6	76.1	84.6	79.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	105.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	WSW	NE	SW	W	Calm	19	28.2	37.8	10.8	95.8	9	Ci.-S.	Cu.	10	Ci.-S.	N.
2..	Calm	Calm	NE	NE	Calm	NE	10	32.2	57.7	31.9	131.8	8	A.-Cu. W	Cu.	5	Ci.-S.	Cu.-N.
3..	NE	NE	NE	NE	ENE	NNE	32.2	46.5	75.8	54.1	208.6	5	Ci.-S.	Cu. E	7	Ci. W	Cu. ENE
4..	SE	NNE	NE	NE	ENE	NE	39.9	62	72.2	51.8	225.9	8	Ci.-S.	Cu.-N. ENE	6	Ci.-S.	Cu.-N. ESE
5..	NE	Calm	ENE	NE	NE	NE	46.7	51.5	76.2	54.5	228.9	5	Ci.-S.	Cu.-N. E	3	.....	Cu.-N.
6..	N	NE	NE	NE	NE	ENE	41.6	48.8	72.5	50.5	213.4	1	A.-Cu. SSE	Cu.	1	.....	Cu.
7..	NE	Calm	NE	NE	ENE	NE	28.5	45.6	79.7	44.6	198.4	4	Ci.	Cu. E	4	Ci.	Cu.
8..	NE	NE	NE	NE	ENE	ENE	51.3	60.7	89	49.7	250.7	3	Ci.	Cu. E	3	A.-Cu. SE	Cu.-N.
9..	Calm	Calm	ENE	ENE	ENE	NE	14.8	37.6	62.8	46.7	161.9	0	.....	.....	5	Ci.	Cu. ENE
10..	N	Calm	NE	NE	NE	NE	24.3	36.2	58.5	39.2	158.2	2	Ci.	Cu. E	2	.....	Cu. E
11..	E	NE	NE	NE	NE	NE	35.9	56.5	69.4	46.9	208.7	10	Ci.-S.	N. E	9	Ci.-S.	Cu.-N. NE
12..	NE	Calm	NE	NE	NE	NE	30.1	58.9	72.7	62.6	224.3	3	Ci. W	Cu.	7	Ci.	Cu. ESE
13..	Calm	NE	ENE	NE	NE	NE	36.5	59.2	76.1	63.6	235.4	1	Ci.	Cu.	2	A.-Cu. ESE	Cu.
14..	NE	NE	NE	NE	NE	ENE	49.1	50.2	73.8	38.4	211.5	0	.....	.....	6	Ci. W	Cu.
15..	Calm	NE	NE	NE	ENE	NE	15.3	39.7	56.3	37	148.3	10	Ci.-S.	N. E	5	Ci.	Cu. NE
16..	NE	NE	NE	NE	NE	NNE	36	63	79.1	42	220.1	2	Ci.	Cu. E	2	.....	Cu.
17..	NE	WSW	NE	E	NE	Calm	21.5	41.6	64.7	23.9	151.7	0	.....	.....	1	Ci.	Cu.
18..	SW	W	E	W	SW	SW	22.8	34.9	44.5	34.6	136.8	7	Ci.-S. W	Cu.	9	Ci.-S.	Cu.-N.
19..	SW	SW	SW	SW	SW	SW	39.9	57.7	56.9	30.9	185.4	5	A.-Cu. S	Cu.	7	A.-Cu.	Cu.-N.SSE
20..	Calm	SW	SSW	ENE	NE	Calm	24.4	48.3	49.4	33	155.1	6	A.-Cu. S	Cu.	7	A.-Cu. SSE	Cu.-N.
21..	Calm	Calm	NE	NE	ENE	SW	17.5	35.2	73.8	30.1	156.6	0	.....	.....	5	Ci.-S.	Cu.-N.
22..	Calm	Calm	NE	ENE	Calm	SW	23.9	38.4	52.5	28.2	143	4	A.-Cu. NNE	Cu.	2	A.-Cu.	Cu.-N.
23..	SW	SW	S	E	ENE	Calm	27.6	32.2	55.8	16.3	131.9	5	Ci. E	Cu.	8	Ci. ESE	Cu.-N.
24..	SW	Calm	Calm	E	NE	W	30.6	24.8	42.1	25.7	123.2	5	Ci. NE	Cu.	7	Ci.-S.	Cu.-N. E
25..	W	Calm	NE	NE	NE	Calm	28	35.4	53.4	34.1	150.9	10	Ci.-S.	N.	8	Ci.-S.	Cu.-N. NE
26..	SW	SW	SW	SW	SW	SW	31.6	53.3	70.2	31.4	186.5	10	Ci.-S.	N. W	10	Ci.-S.	Cu.-N. SW
27..	W	W	SSW	S	SW	Calm	28.5	46.7	60.6	27.1	162.9	10	Ci.-S.	N.	7	Ci. E	Cu.-N. S
28..	Calm	Calm	E	ENE	NE	Calm	16.1	28.4	54.9	23.9	123.3	7	Ci. NE	Cu.	8	Ci.-S. NE	Cu.-N.
29..	Calm	Calm	NE	ENE	NE	Calm	12.9	56.1	72.7	30.6	172.3	6	.....	Cu.-N. E	1	.....	Cu.
30..	Calm	NE	E	NE	NE	NE	34.6	52.1	54.4	24.3	165.4	3	Ci.	Cu. ENE	8	Ci.-S.	Cu. E
Mean	.....	.....	.....	.....	.....	.....	29	45.4	63.8	37.3	175.6	5	.....	.....	5.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,266.9	....	.....	.....	....	.....	.....

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

JULY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.39	57.34	58.30	56.66	57.30	58.19	57.53	24.9	24	30.2	30.5	25.5	24.4	26.6	31.9	23.8	95	95	70	68	90	95	85.5	3.6
2..	57.31	57.51	58.11	56.50	57.11	58.24	57.46	24.1	24	29.4	32	28.8	26.5	27.5	32.4	23.4	96	96	75	65	75	85	82	.....
3..	57.24	57.23	57.26	55.84	56.58	57.84	57	25.9	24.9	31.1	32.2	29	26.6	28.3	32.6	24.5	83	85	67	63	74	86	76.3	.....
4..	56.05	56.18	57.10	55.52	54.94	56.20	56	26.5	26	25.6	26.8	27.3	26.1	26.4	28.4	24.8	84	86	91	91	89	85	87.7	11.5
5..	55.18	55.21	55.82	54.61	54.69	56.10	55.27	25.4	25.2	29.8	31.5	26.1	26	27.3	31.8	23.7	88	89	71	65	91	89	82.2	23.1
6..	55.46	55.74	56.05	54.68	55.40	56.82	55.69	25.7	25.5	29.5	29.9	28.5	26.6	27.6	30.8	25	90	91	73	71	78	84	81.2	.....
7..	55.87	56.20	56.61	55.76	56.12	57.28	56.31	26.3	26	29.9	30.7	27.9	26.2	27.8	31.5	25.4	85	86	73	70	88	89	81.8	.8
8..	55.99	56.29	56.63	55.48	56.91	56.64	56.32	25.6	25.5	30.9	29	24.5	24.3	26.6	31	23.9	90	84	68	79	92	91	84	19.3
9..	56.25	56.35	56.32	54.83	55.08	56.24	55.84	24.2	24.5	29	31.9	29.3	26.4	27.6	32.3	23.6	91	95	74	61	74	88	80.5	1.3
10..	55.85	56.20	56.63	54.81	55.35	56.99	55.97	25.4	25.8	30.5	30.7	29	26.6	28	31.8	25	93	91	70	70	76	86	81	1
11..	55.75	55.94	56.80	54.88	55.64	55.69	55.78	24.8	24.9	26.4	30.3	28.2	26.6	26.9	30.4	24.4	92	92	97	74	77	86	86.3	7.4
12..	55.12	56.69	56.45	55.01	55.51	57.04	55.80	26.5	25.5	27.4	29.3	28	26.6	27.2	29.8	24.7	86	88	84	74	82	83	82.8	2.3
13..	55.70	56.36	56.86	55.10	56.19	57.39	56.27	25.4	25.7	29.5	31.9	29.8	26	28	32	25.1	90	89	71	64	75	87	79.3	.....
14..	55.79	56.56	56.98	55.35	55.86	57.27	56.30	25.1	24.7	30.5	30.4	28.9	26.9	27.8	32.4	24.3	92	95	73	70	77	89	82.7	.....
15..	55.90	56.21	56.82	55.56	55.52	56.99	56.17	25.5	24.8	27.9	29	27.9	26.5	26.9	30	24.4	91	93	82	78	79	84	84.5	6.1
16..	54.80	54.99	55.60	54.42	54.90	56.53	55.21	25.4	24	26.9	26.4	24.8	25.2	25.4	28.3	23.9	88	95	85	86	93	92	89.8	36.6
17..	56.23	56.16	57.36	56.23	56.32	57.33	56.60	24.3	23.5	25.5	26.2	27.3	25.5	25.4	28.3	23.1	89	95	92	89	84	93	90.3	10.9
18..	56.15	56.59	57.36	55.41	55.93	57.92	56.56	25	24.8	27.6	31.1	29	27	27.4	31.7	23.9	94	94	84	63	77	90	83.7	5.8
19..	56.82	57.19	57.28	56.26	56.92	58.38	57.14	25.8	24.5	29.4	31	28	26.1	27.5	31.8	24.3	84	91	76	69	80	92	82	.....
20..	57.74	57.89	58.72	57.39	57.90	59.13	58.13	24.9	24	29.8	30.8	24.8	24.5	26.5	32	23.7	92	91	69	72	93	95	85.3	7.4
21..	58.33	57.37	57.96	57.49	57.75	59.04	57.99	24	24.2	30.5	26.5	26.8	25.4	26.2	31.6	23.6	97	96	70	86	86	93	88	2
22..	58.69	59.16	59.30	58.07	58.02	59.77	58.84	24	25	28.6	28.8	28	26.1	26.8	31.6	23.5	94	94	74	73	79	91	84.2	2.3
23..	59.18	59.42	59.62	58.81	58.58	59.62	59.20	25.7	24.9	30.3	26.6	28.4	25.6	26.9	31.3	24.4	90	89	70	82	78	88	82.8	.....
24..	58.44	58.45	59.12	58.08	57.56	58.91	58.43	24.5	24.8	27.4	25.3	26	24.7	25.4	28.9	24.3	92	91	81	89	90	87	88.3	4.9
25..	57.77	57.65	57.73	57.01	57.19	57.94	57.55	24.5	24.8	28.5	28.9	25.6	25.5	26.3	29.8	24.4	86	87	79	82	92	88	85.7	6.9
26..	57.09	57.04	57.43	56.48	57.11	57.66	57.14	25.3	24.9	27.2	27.6	23.1	23.6	25.3	30.5	23	88	89	85	86	94	94	89.3	20.8
27..	56.85	56.25	56.59	54.77	55.39	56.99	56.14	24.5	24.5	28.8	30.8	27.8	26.4	27.1	31.8	23.8	92	93	76	67	82	85	82.5	1.1
28..	55.39	55.83	56.17	55.03	55.60	57.61	55.94	25.7	25.5	26.4	29.8	26.7	24.3	26.4	30.5	23.9	88	89	91	71	86	86	85.2	8.9
29..	56.36	56.48	56.66	55.58	56.04	57.47	56.43	24.9	25.6	29	28.5	27	26.5	26.9	30.5	24	84	93	74	83	84	86	84	14
30..	56.66	56.89	57.39	56.53	56.67	58.44	57.10	24.9	25.5	28.8	30	28.8	26.4	27.4	30.8	24.4	92	91	74	70	74	84	80.8	2.6
31..	57.15	56.98	57.37	56.60	56.97	58.33	57.23	25.9	25.4	30	31.6	29.2	26.5	28.1	32	25.1	86	88	71	63	72	88	78	.3
Mean	56.60	56.75	57.24	55.96	56.36	57.61	56.75	25.2	24.9	28.8	29.5	27.4	25.9	27	31	24.2	89.7	91	77.1	74	82.6	88.4	83.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	200.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	ENE	NNW	Calm	SSE	24.9	37.5	39.9	19.6	121.9	3	Ci.	Cu. E	7	Ci.-S.	Cu.-N.wsw
2..	SW	WSW	SW	SW	SW	SW	32	68.6	65.8	45.1	211.5	3	Ci.	Cu. WSW	4	Ci.	Cu.-N. SW
3..	S	SW	SW	WSW	SW	SW	44.3	75	75.4	49.1	243.8	4	Ci.	Cu. WSW	7	Ci.	Cu.-N.wsw
4..	SW	SW	SSW	SW	SW	WSW	50.1	57.3	65.5	65.5	238.4	9	Ci.-S. NE	Cu. WSW	10	Ci.-S.	N.
5..	SW	WSW	SW	WSW	SW	SW	73.5	83.1	76.7	60	293.3	8	Ci.-S.	N. W	8	Ci.-S.	Cu.-N.wsw
6..	S	WSW	SW	SW	SW	SW	65.7	81	85.5	49.7	281.9	7	Ci.-S. NE	Cu. SW	9	Ci.-S.	Cu.-N.wsw
7..	SW	SW	WSW	WSW	SW	SW	44.6	62	53.9	39.1	199.6	8	Ci.-S.	Cu. SW	7	Ci.-S.	N. SW
8..	Calm	SSW	SW	W	SW	S	41.6	60.6	59	44.5	205.7	7	Ci. NE	Cu.	10	Ci.-S.	N. WSW
9..	S	SW	SW	SW	SW	SSW	39.6	72.2	63.3	35.9	211	10	A.-Cu. W	N.	5	Ci. ENE	Cu.-N.wsw
10..	SW	SW	SSW	SW	SW	WSW	33.6	71.9	78.9	66.8	251.2	8	Ci.-S.	N. WSW	7	Ci.-S.	Cu.-N. W
11..	SW	SW	SW	SW	SW	WSW	48.1	66.8	75	56.9	246.8	10	Ci.-S.	N. SW	10	Ci.-S.	Cu.-N.wsw
12..	SW	WSW	SW	SW	SW	SW	65.4	63	64.4	54.4	247.2	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N. SW
13..	SW	SSW	SSW	SSW	SW	Calm	38.1	67	66.3	32	203.4	7	Ci.-S.	Cu.	7	Ci.	Cu. SSW
14..	Calm	Calm	NE	N	Calm	Calm	15.5	35.1	34.8	10	95.4	6	Ci. NE	Cu.	8	Ci.-S. E	Cu.-N.
15..	Calm	W	E	NNW	N	NE	19.6	33.5	60.2	46.1	159.4	10	Ci.-S.	N. NE	9	Ci.-S.	Cu.-N. NNE
16..	N	WNW	Calm	SE	Calm	SE	31.9	25.7	42	30	129.6	9	Ci.-S.	N. ENE	10	Ci.-S.	N. SE
17..	S	Calm	W	SW	S	S	32.8	33.8	50.9	19.6	137.1	10	Ci.-S.	Fr.-N. sw	9	Ci.-S.	Fr.-N. SW
18..	Calm	SW	WSW	SSW	S	SW	15.6	53.3	65.4	20.6	154.9	8	Ci.-S.	Cu. SSW	5	Ci.-S.	Cu.-N. ssw
19..	Calm	WSW	SW	SW	SW	SSW	30	59.5	53.1	15.9	158.5	10	Ci.-S.	Fr.-N. sw	8	Ci.-S. ESE	Cu.-N.wsw
20..	Calm	S	SE	SE	N	Calm	28.2	30.8	48.8	15.6	123.4	6	Ci.-S. E	Cu.	8	Ci.-S.	Cu.-N.
21..	Calm	Calm	SSW	NNE	Calm	Calm	16.6	43.3	37.6	15.5	113	5	Ci. NE	Cu. SSW	10	Ci.-S.	N. SSE
22..	W	Calm	SW	WSW	W	W	24.6	31.4	54.2	36.5	146.7	10	Ci.-S.	N. SSE	8	Ci.-S.	Cu.-N. E
23..	Calm	SSW	WSW	SW	Calm	SW	31.2	45.7	33	36.4	146.3	8	A.-Cu. sw	Cu.	10	Ci.-S.	N. ENE
24..	SW	W	SW	SW	SW	SW	58.9	54.5	55.8	72.8	242	10	Ci.-S.	N. W	10	Ci.-S.	N.
25..	SW	SW	SW	W	SW	SW	64.2	65.7	49.1	33.3	212.3	10	Ci.-S.	N. W	9	Ci.-S.	Cu.-N. ssw
26..	SW	SW	SW	SW	SW	SSW	44	66	70.3	54.2	234.5	1	A.-Cu.	Cu. W	10	Ci.-S.	N. W
27..	SSW	SW	SW	SW	SSW	SW	58.4	70.5	81.5	52.3	262.7	5	Ci.	Cu. WSW	8	Ci.-S.	Cu.-N.wsw
28..	SW	SW	SSW	SW	SW	WSW	57.9	89.1	84.8	65.4	297.2	3	Ci.	Cu. WSW	9	Ci.-S.	Cu.-N. SW
29..	SW	SSW	SW	SW	SW	SW	52.9	79.2	80.8	63.4	276.3	9	Ci.-S.	Cu.-N. WSW	7	Ci.-S.	Cu.-N.wsw
30..	SW	WSW	SW	SW	SW	SW	57.1	88.3	97.4	45.1	287.9	10	Ci.-S.	Fr.-N. WSW	7	Ci.-S.	Cu.-N.wsw
31..	SW	SW	SW	SW	SW	SW	62.5	89.1	94.3	64.2	310.1	6	Ci. NE	Cu. WSW	7	Ci.-S. E	Cu. WSW
Mean	.....	.....	.....	.....	.....	.....	42	60	63.3	42.4	207.8	7.4	.....	.....	8.2	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,443	.....	.....	.....	.....	.....	.....

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

AUGUST, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.74	57.78	57.58	56.79	56.85	58.56	57.55	26.2	26	30.8	31.9	29.4	26.5	28.5	32.3	25.3	88	88	64	60	68	85	75.5	.....
2..	57.34	57.35	57.97	56.64	56.79	57.74	57.30	25.9	25.5	30.8	32.1	29.6	27.1	28.5	32.5	24.9	88	90	65	63	70	81	76.2	.....
3..	56.84	56.69	57.61	56.71	56.94	58.23	57.17	25.9	25.6	28.7	29.8	26	24.4	26.7	30	23.9	87	88	78	74	88	92	84.5	11.1
4..	56.96	57.05	58.41	57.66	57.56	58.50	57.69	23.5	23.8	25	25.2	24.8	24.4	24.4	25.3	23.3	97	96	90	90	92	93	93	19.6
5..	58.15	58.90	58.97	57.01	57.47	59.03	58.26	24.1	24	27.6	31.3	30.5	25.9	27.2	31.4	23.3	94	94	76	60	66	92	80.3	9.1
6..	58.41	58.76	58.97	57.71	57.94	58.25	58.34	24.6	23.9	29	30.8	27.4	25.5	26.9	31.8	23.5	93	97	74	66	78	88	82.7	.....
7..	57.41	57.21	57.56	56.17	56.07	57.01	56.90	23.8	22.9	29.8	30.4	26.5	24.6	26.3	31.8	22.6	94	95	69	68	86	94	84.3	1.8
8..	56.49	56.28	57.26	55.90	56.04	57.62	56.60	24.1	25.9	28.9	29	26.5	26	26.7	30	24	97	89	74	74	87	89	85	21.2
9..	56.74	57.56	57.78	56.31	57.04	58.23	57.28	25.6	24	29.5	30.9	29.8	27	27.8	32	23.5	86	93	70	66	75	87	79.5	.3
10..	57.04	57.54	57.79	56.03	56.26	57.62	57.05	25.5	24.8	28.5	29.5	28.4	25.9	27.1	29.8	24.5	92	92	78	73	80	89	84	1
11..	56.41	56.81	57.60	56.60	57.41	58.95	57.30	26.1	26	30.3	31.6	29.4	26.5	28.3	32.8	25.1	88	89	68	63	75	91	79	.....
12..	57.68	57.88	58.68	56.67	57.65	58.97	57.92	25	24.5	30.7	30.1	29	26.2	27.6	32.5	24.3	92	93	67	73	77	91	82.2	.....
13..	58.50	58.69	58.68	56.18	57.13	58.49	57.94	24.9	24	31.4	32.9	26.7	25.7	27.6	33.1	23.9	94	98	63	63	86	93	82.8	3.9
14..	57.39	57.21	57.49	55.84	56.32	57.26	56.92	25	24.6	31.5	31.8	28	27.5	28.1	32.9	24.4	96	94	68	68	82	83	81.8	.....
15..	56.14	56.29	56.65	54.52	55.17	56.09	55.81	24.9	23.8	31	33.6	26.5	26.4	27.7	34.3	23.5	90	92	62	57	88	88	79.5	7.1
16..	54.41	54.44	54.30	52.50	53.27	53.92	53.81	24.7	25.3	30	32.4	28.7	27	28	32.8	24.1	91	88	72	62	80	86	79.8	5.3
17..	52.83	52.75	53.40	52.48	52.84	54.64	53.16	25.6	26.4	28.5	29.4	27.8	27	27.4	30.4	25.4	93	89	78	74	81	79	82.3	14.2
18..	54.51	54.59	56.05	55.15	55.50	57.03	55.47	24.8	25.4	26.4	27.6	26.8	26.5	26.2	28.3	23.7	92	89	90	84	85	85	87.5	11.4
19..	56.61	56.88	57.61	56.31	57.08	58.42	57.15	25.4	25	29.8	31.1	28.5	26.2	27.7	31.6	24.8	88	88	67	64	77	91	79.2	.....
20..	57.53	57.51	58.18	56.99	58.03	59.61	57.98	25.7	25.4	30	31.4	28.5	27	28	32.3	25.2	91	92	70	66	80	86	80.8	.....
21..	58.63	59.01	59.65	58.09	58.28	60.20	58.98	25.6	24.5	30.6	32.8	30.3	26.5	28.4	33.9	24.3	90	94	67	58	70	88	77.8	.....
22..	59.62	59.62	60.07	57.89	58.46	59.77	59.24	24.6	24	30.5	32.4	29.7	28	28.2	32.9	23.6	94	92	68	60	73	82	78.2	1
23..	58.71	59.02	59.45	58.35	59.31	60.61	59.24	26.2	24.6	30.8	32	28	26.4	28	32.8	24.5	91	95	72	68	79	89	82.3	.....
24..	59.81	60.21	60.66	59.09	60.06	60.69	60.09	24.9	24.2	29.3	30.8	28.4	25.5	27.2	31.8	23.9	94	94	66	69	77	91	81.8	.....
25..	59.63	60.12	60.16	58.57	59.12	59.96	59.59	24.4	23.6	30.1	29.6	28.3	26	27	33	23.5	95	96	73	72	80	93	84.8	.....
26..	58.99	58.89	58.75	57.05	57.37	58.64	58.28	25.1	23.7	30.6	29.9	27.2	25.8	27	33.4	23.6	91	95	69	73	89	93	85	4.6
27..	57.89	58.23	58.76	56.68	57.45	59.50	58.08	25.3	24.2	30.3	32.4	30	26.5	28.1	32.9	24	95	95	68	62	72	91	80.5	.....
28..	58.59	58.91	59.50	57.11	57.52	59	58.44	25.2	24.6	30.9	32.7	28.8	25.9	28	32.9	24.5	93	95	71	64	83	91	82.8	.....
29..	57.73	57.68	58.46	56.08	55.96	57.57	57.25	24.3	23.9	30.8	32.8	29.8	26	27.9	33.3	23.7	97	94	67	60	73	89	80	.....
30..	55.78	55.81	56.71	55.32	55.53	56.98	56.02	24.5	24.1	30.8	28.7	29.3	25.9	27.2	32.3	23.9	95	95	70	75	74	93	83.7	.....
31..	55.65	55.60	56.48	54.59	54.99	56.82	55.69	24.5	23.9	30.4	30	26.4	25.5	26.8	32.4	23.7	95	96	65	72	86	88	83.7	.8
Mean	57.30	57.46	57.97	56.42	56.88	58.19	57.37	25	24.6	29.8	30.9	28.2	26.2	27.4	31.9	24.1	92.3	92.7	70.9	67.8	79.3	88.7	82	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	112.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	SW	SSW	SSW	SW	SW	57.7	75.1	88	38.1	258.9	5	Ci.	E Cu.	WSW 4	Ci.	Fr.-Cu. WSW
2..	W	SW	SW	SW	SW	WSW	29.5	73.5	85.5	52.3	240.8	1	Ci.	Cu.	SW 3	Ci.	Cu. WSW
3..	SW	SW	SW	SW	SW	SSW	52.5	74.2	63.9	44.6	235.2	6	Ci.-S.	ENE Cu.	10	Ci.-S.	Cu.-N. WSW
4..	Calm	SW	SW	SW	SW	SW	38.1	41.8	43.5	48	171.4	10	Ci.-S.	N.	W 10	Ci.-S.	N.
5..	SW	SSW	WSW	SSW	SW	Calm	29.2	64.2	54.5	18.8	166.7	10	Ci.-S.	N.	SW 3	Ci.	Cu. SW
6..	Calm	Calm	NE	SW	Calm	Calm	14.8	28.8	32.9	14.7	111.2	5	A.-Cu.	SW Cu.	7	Ci.-S.	N.
7..	W	W	ENE	NE	NE	Calm	20.4	33.3	64.9	20.3	138.9	2	Ci.	Cu.	8	Ci.-S.	Cu.-N. ENE
8..	Calm	NE	NE	ENE	N	NNW	22.5	63.1	66	39.6	191.2	6	Ci.-S.	Cu.-N.	NE 7	Ci.-S.	Cu.-N. SE
9..	N	Calm	NE	SSW	NW	Calm	31.2	27.6	62	18.2	139	8	Ci.-S.	N.	NE 7	Ci.	SSE Cu. WSW
10..	SW	SSW	SW	SW	SW	SW	50.1	72.2	88.5	48.8	259.6	10	Ci.-S.	N.	WSW 10	Ci.-S.	Cu.-N. W
11..	S	SSW	SSW	SW	SW	SW	49.1	78.3	67.4	29	223.8	3	Ci.	Cu.	SW 5	Ci.	Cu. SW
12..	SW	SW	SE	E	Calm	Calm	26.4	41.8	54.9	11	134.1	4	Ci.	ENE Cu.	SW 8	Ci.-S.	Cu.-N. SW
13..	Calm	SW	SW	NE	W	Calm	16.4	30.8	52.1	16.3	115.6	3	Ci.	Cu.	7	Ci.	Cu.-N. W
14..	Calm	W	ENE	ESE	NE	Calm	17.2	34.3	34.9	31.6	118	3	Ci.	Cu.	NE 4	Ci.	Cu.-N. NNW
15..	Calm	W	SW	SW	SW	SW	25.9	36.5	48	40.8	151.2	1	Ci.	Cu.	5	Ci.	Cu. NW
16..	SW	WSW	WSW	WSW	SW	SW	67.4	92.8	93.5	61.2	314.9	10	Ci.-S.	N.	WNW 7	Ci.-S.	NE Cu.-N. W
17..	SW	SW	SSW	SW	SW	SW	82.4	103.8	125.8	100.3	412.3	10	Ci.-S.	Fr.-N.	WSW 9	Ci.-S.	Fr.-N. WSW
18..	SW	SSW	SW	SW	SW	SW	60.2	75.9	99.6	72.4	308.1	10	Ci.-S.	Fr.-N.	SW 10	Ci.-S.	Fr.-N. SW
19..	SW	SW	SW	SSW	SW	SW	42.1	83.4	74.5	29.8	229.8	6	Ci.-S.	Cu.	SW 8	Ci.-S.	Fr.-Cu. SSW
20..	SW	SW	SW	SW	SSW	Calm	49.3	69	59	20.1	197.4	7	Ci.-S.	Cu.	SW 10	Ci.-S.	Cu.-N. SW
21..	SW	SW	SW	SW	S	Calm	29.5	43.3	46.2	14.8	133.8	2	Ci.	Cu.	4	Ci.	Fr.-Cu. SW
22..	Calm	Calm	E	E	NE	Calm	14.5	29.6	54.1	38.4	136.6	4	Ci.	Cu.	SW 7	Ci.	ENE Cu.
23..	Calm	W	ENE	ENE	ENE	Calm	19.5	42.9	60.6	24.3	147.3	0	.....	.....	10	Ci.-S.	Cu.-N. NE
24..	Calm	Calm	NE	NE	Calm	Calm	12.3	25.1	32.4	6.2	76	10	Ci.-S.	N.	E 5	Ci.-S.	Cu.-N. SE
25..	Calm	Calm	Calm	NE	Calm	Calm	.67	.67	26.2	16.1	43.5	0	.....	.....	10	Ci.-S.	Cu.-N. WSW
26..	Calm	SW	ENE	SW	Calm	Calm	16.9	36.2	44.1	16.7	113.9	2	Ci.	Cu.	8	Ci.-S.	Cu.-N. ESE
27..	Calm	Calm	NE	NE	ENE	Calm	15.8	26.4	46.1	14.3	102.6	0	.....	.....	2	Ci.	Cu.-N.
28..	SW	SW	NE	ENE	W	Calm	20.6	36	48.8	18.7	124.1	2	Ci.	Cu.	E 7	Ci.	Cu.-N. NNE
29..	Calm	SW	E	NE	N	SW	23.9	32	62.2	20.6	138.7	1	Ci.	Cu.	5	Ci.	Cu.-N.
30..	Calm	SW	E	SW	Calm	Calm	19.1	29.8	34.9	18.2	102	4	Ci.	NW Cu.	8	Ci.-S.	Cu.-N.
31..	Calm	W	ENE	SW	WSW	SW	21.4	28.2	47.3	27.6	124.5	2	Ci.	Cu.	8	Ci.-S.	Cu.-N. SE
Mean	.....	.....	.....	.....	.....	.....	31.5	49.4	60.7	31.3	172.9	4.7	.....	.....	7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,361.1	.....	.....	.....	.....	.....	.....

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

SEPTEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	55.89	56.28	57.23	55.88	56.05	57.67	56.50	24.7	25	28	26.4	25.2	24	25.6	29.1	23.6	92	91	80	89	91	97	90	42.7
2..	56.57	57	57.74	55.85	56.39	58.06	56.94	24.2	24.3	28	31	27.5	24.3	26.6	31.6	23.5	96	96	76	61	81	90	83.3	8.4
3..	57.11	57.15	57.87	55.94	56.66	57.59	57.05	24.9	25	28.4	31.7	28	26.5	27.4	31.8	23.9	92	92	77	61	77	76	79.2	3.1
4..	56.61	56.56	57.03	55.64	55.94	56.71	56.42	25.3	24.9	29	26.4	23.8	23.9	25.6	29.8	23.3	83	84	77	89	93	93	86.5	23.9
5..	55.92	55.86	56.76	54.96	56.05	57.86	56.24	24.2	24.7	28.5	30.8	25.5	25	26.4	31.8	24	91	87	76	67	94	92	84.5	62.3
6..	56.73	57.04	58.24	56.66	56.54	58.49	57.28	24.9	24.9	26.5	29.3	27.5	25.9	26.5	30.4	24.5	92	92	86	78	84	89	86.8	14.5
7..	57.51	57.61	57.51	56.04	56.31	58.29	57.21	24.8	24.4	30.3	32	27.2	26.1	27.5	32.3	24.3	93	95	66	61	85	90	81.7	.....
8..	56.70	56.64	57.10	55.81	55.72	57.09	56.51	25.1	24.2	30.4	25.8	26.8	25.6	26.3	32.3	24.1	91	95	67	81	88	92	85.7	1
9..	56.15	56.60	57.63	56.73	55.96	57.67	56.79	25.2	24.8	27.9	24.6	24.2	24.1	25.1	29.4	23.9	89	86	77	93	92	92	88.2	44
10..	56.35	56.86	58.02	55.98	56.48	58.21	56.98	24	23.8	24.8	28	26.8	26.1	25.6	28.1	22.7	91	97	93	77	82	85	87.5	26.7
11..	57.46	57.64	58.21	56.46	56.97	58.97	57.62	25.5	24.4	29.8	31.4	26.8	25.7	27.3	32.2	24	87	94	71	65	82	89	81.3	1
12..	58.01	58.29	59.12	57.04	57.31	59.15	58.15	24.8	24.4	30.3	32.6	29.5	26.5	28	33.3	24.2	94	96	69	59	84	91	82.2	.....
13..	58.05	58.83	60.33	58.65	56.93	59.64	58.74	25.5	24.4	29	29.5	27.2	25.6	26.9	30.1	24.2	88	92	77	78	81	91	84.5	.....
14..	58.38	58.71	59.81	57.90	58.55	60.09	58.91	24.5	23.1	29.4	31.3	28.5	26.1	27.2	31.5	23	91	95	68	64	74	88	80	.....
15..	59.04	59.52	59.59	57.64	58.15	59.60	58.92	24.4	23.5	30	32.3	29	26.9	27.7	32.4	23.3	93	93	71	64	78	88	81.2	.....
16..	58.43	58.05	58.65	56.65	56.76	58.23	57.80	25.6	25.5	29.5	31	28.5	25.3	27.6	32	24.6	93	93	72	64	78	93	82.2	9.1
17..	56.94	56.96	58.16	56.59	57.73	59.29	57.61	24.9	25	28.5	31.6	26.5	24.5	26.8	31.8	23.9	93	93	77	67	84	93	84.5	.5
18..	58.93	58.85	59.61	57.68	58.95	60	59	23.5	23.6	29.9	31.5	28.8	27	27.4	31.8	23.3	97	97	72	68	76	86	82.7	2.3
19..	59.16	59.19	59.68	57.07	57.19	58.81	58.52	25.2	25	29.4	28.5	28	26.2	27	30.4	24.5	93	93	74	79	79	90	84.7	16.8
20..	58.01	58.24	59.01	57.25	57.13	58.89	58.09	24.2	25.8	28.2	28.5	27.8	25.5	26.7	29.8	23	97	89	79	80	81	89	85.8	13.5
21..	58.20	58.70	59.68	58.31	58.44	59.82	58.86	25	23.5	29.4	28.1	26.1	25.5	26.3	29.8	23.1	88	95	76	77	87	90	85.5	.8
22..	59.10	59.29	59.53	57.92	58.98	60.07	59.15	24.6	24.1	29	29.4	25.3	24.5	26.2	31.7	23.8	94	96	74	76	91	95	87.7	12.7
23..	59.04	58.85	58.92	56.56	57.74	58.89	58.33	23.8	23.7	28.6	29.9	26.2	25.2	26.2	31.6	23.3	96	96	77	72	91	93	87.5	1.8
24..	57.83	58.40	59.23	56.32	56	57.89	57.61	24.8	24	27.5	27.7	26.3	24.6	25.8	30.1	23.7	89	91	84	78	83	93	86.3	.....
25..	56.85	56.81	56.85	54.86	55.89	57.15	56.40	23.8	23.9	29.9	31.4	26	24.8	26.6	32.2	23.3	96	96	67	62	90	94	84.2	10.9
26..	56.14	56.32	57.24	55.80	56.47	57.85	56.64	23.9	23.4	29	28	27.3	25.1	26.1	30.3	23.2	93	96	75	83	87	92	87.7	4.6
27..	57.01	56.84	57.73	56.06	56.04	57.44	56.85	24.7	24.8	30.4	28.9	28	25.9	27.1	31.4	24.4	92	91	72	80	83	92	85	33.8
28..	56.68	56.85	57.47	56.17	56	57.85	56.84	25.3	25.2	28.7	26.5	26.8	25.9	26.4	30.4	24	94	94	80	86	82	86	87	8.1
29..	57.01	57.05	58.14	56.71	57.08	58.72	57.45	25.5	24.8	28.1	29	27.3	26.4	26.8	29.6	24	86	89	79	74	82	86	82.7	.....
30..	57.21	57.53	58.57	56.88	57.82	59.46	57.91	25.2	25.4	30.5	25.1	26	25.8	26.3	32.4	24.1	92	92	71	89	89	89	87	8.9
Mean	57.43	57.62	58.36	56.60	56.94	58.52	57.58	24.7	24.4	28.9	29.3	26.9	25.5	26.6	31	23.8	91.9	92.9	75.3	74.1	84.3	90.1	84.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	351.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	SW	SW	SW	W	WSW	27.1	42.3	60.4	60.4	190.2	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
2..	SW	SW	SW	SW	S	W	44.3	67.6	83.9	60.4	256.2	10	Ci.-S.	N. WSW	7	Ci.	Fr.-Cu. sw
3..	SW	WSW	SSW	SW	SW	SW	48.9	68.7	74.3	45.1	237	6	A.-Cu. sw	Cu. SW	8	Ci.-S.	Cu.-N. W
4..	W	SW	SW	SSW	SW	S	57.7	73.2	52.8	39.4	223.1	10	Ci.-S.	N.	10	Ci.-S.	cu.-N. wsw
5..	W	SW	W	WSW	Calm	SW	95.3	64.7	54.2	29.2	243.4	6	Ci.-S.	Cu.	7	Ci.-S.	cu.-N. wnw
6..	SW	SW	SW	WSW	SW	S	60.9	72.4	71	35.2	239.5	3	Ci.	Cu. W	6	Ci.-S.	cu.-N. wsw
7..	SW	SW	SW	SW	S	S	23.9	60.6	72.9	18.5	175.9	4	Ci. ENE	Cu. WSW	5	Ci.	Cu. WSW
8..	Calm	Calm	SSW	NW	SW	Calm	19.1	40.5	44	24.9	128.5	8	Ci.-S.	Cu. WSW	10	Ci.-S.	N. SW
9..	SW	SW	SW	SW	SW	SW	35.2	76.6	72.1	68.6	252.5	10	Ci.-S.	N. WSW	10	Ci.-S.	N.
10..	SW	SSW	SW	SW	SW	SSW	56.5	69.8	76.4	63.4	266.1	10	Ci.-S.	N. WSW	10	Ci.-S.	N. WSW
11..	SW	SW	SW	SW	SSW	Calm	26.6	66.6	71.4	30	194.6	10	Ci.-S.	Cu. SW	7	Ci.	Cu. SW
12..	W	Calm	WSW	S	Calm	Calm	18.7	51	52.1	15.9	137.7	7	Ci.	Cu. SW	4	Ci. ESE	Cu. SW
13..	Calm	Calm	NE	ENE	NE	Calm	18.8	34	57.4	29.3	139.5	7	Ci.-S.	Cu. SW	10	Ci.-S.	Cu.-N.
14..	Calm	Calm	NE	NE	NE	Calm	11.5	38	55.7	23.8	129	2	Ci.	Cu. SW	2	.....	Cu. SSW
15..	Calm	Calm	NE	ENE	ENE	Calm	13.2	28.4	63	27.2	131.8	0	.....	.....	2	Ci.	Cu.
16..	Calm	Calm	NE	NE	NE	Calm	8.5	44.1	75.1	27.4	155.1	10	Ci.-S.	N.	4	Ci. SE	Cu. NE
17..	Calm	Calm	NE	ENE	WSW	Calm	17.9	24.4	46.9	17.5	106.7	10	Ci.-S.	N. ENE	6	A.-Cu. SE	Cu.-N. ssw
18..	SW	Calm	ENE	E	E	Calm	19	34.8	57.6	20.1	131.5	1	Ci.	Cu.	3	Ci.	Cu.-N.
19..	Calm	Calm	NE	ESE	ENE	N	24.1	36.2	31.4	52.9	144.6	9	Ci.-S.	N.	9	Ci.-S.	Cu.-N. SE
20..	E	NNE	NNE	NE	NE	N	42	36.7	45.1	34.1	157.9	10	Ci.-S.	N. NE	9	Ci.-S. ESE	Cu.-N. E
21..	N	Calm	NE	ENE	NE	Calm	18.5	38	47.8	26	130.3	7	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu.-N. SE
22..	W	W	S	NNE	NW	Calm	25.4	29.3	40.7	12.3	107.7	7	Ci.-S.	Cu. SE	9	Ci.-S.	Cu.-N. SW
23..	Calm	Calm	ENE	SSW	Calm	Calm	13.7	23	49.1	14.7	100.5	10	Ci.-S.	N. E	7	Ci. NE	Cu.-N. SW
24..	Calm	SSW	SW	WSW	SW	Calm	34	47	71.4	15.6	168	9	Ci.-S.	N. WSW	8	Ci.-S.	cu.-N. ssw
25..	Calm	SW	SW	SW	S	Calm	23	51.7	51.8	12.9	139.4	4	Ci.-S. E	Cu.	7	Ci. ESE	Cu.-N. W
26..	Calm	Calm	SW	WSW	Calm	W	15.5	45.7	48.1	22.2	131.5	3	Ci. S	Cu.	9	Ci.-S.	N. W
27..	S	SW	W	WSW	SW	WSW	44.1	75.9	64.6	40.5	225.1	3	Ci. NE	Cu. W	7	A.-Cu. W	Cu.-N. W
28..	SW	SW	SW	W	SW	SW	57.7	77.5	63.1	62.6	260.9	9	Ci.-S.	N. WSW	10	Ci.-S.	N. W
29..	SW	SW	SW	SSW	SW	SW	61.2	68.1	59.2	46.7	235.2	10	Ci.-S.	N.	10	Ci.-S.	N.
30..	SW	SW	SW	SSW	S	Calm	32	55.2	57.6	16.4	161.2	3	A.-Cu. W	Cu. WSW	10	Ci.-S.	N. WSW
Mean	.....	.....	.....	.....	.....	.....	33.1	51.4	59	33.1	176.7	6.9	.....	.....	7.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,300.6	.....	.....	.....	.....	.....	.....

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

OCTOBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.13	59.06	59.68	57.30	57.55	59.37	58.68	24.5	24	28.7	28.9	25.6	24.4	26	30.8	23.4	91	91	78	78	88	89	85.8	.....
2..	58.17	58.64	59.27	57	57.21	59.06	58.22	23.3	23.1	28.3	27.5	26.4	24.5	25.5	31.4	22.9	96	96	79	79	86	92	88	.....
3..	57.81	57.86	58.63	56.28	56.18	58.17	57.49	23.1	22.9	29.2	30.8	28	26.5	26.8	31.8	22.7	95	93	73	65	82	89	82.8	.....
4..	56.73	56.66	57.24	54.89	55.61	56.02	56.19	25.2	24.5	27.4	26.5	25	24.9	25.6	28.2	23.9	93	95	86	86	90	91	90.2	25.2
5..	54.09	54.03	54.95	53.09	53.03	53.70	53.82	24.1	23.9	24.5	24.1	24.1	23.7	24.1	24.8	23.4	94	91	92	91	95	95	93	80
6..	52.15	52.30	52.78	51.18	51.44	52.96	52.14	23.7	23.5	25	25.5	24.7	24.9	24.6	25.5	23.5	95	96	94	92	92	92	93.5	62.6
7..	51.98	52.37	53.40	52.14	52.57	54.49	52.82	25.1	25.4	26.5	26.9	26.1	26.5	26.1	28.5	24.4	92	92	90	89	86	84	88.8	22.1
8..	53.82	54.39	55.72	54.17	55.26	57	55.06	25.6	25.5	27.9	28.5	25.9	24.6	26.3	29.8	24.4	90	91	79	77	90	96	87.2	4.5
9..	56.06	56.75	57.55	56.06	56.61	58.44	56.91	24.5	24.5	26.8	28.3	25	24.4	25.6	28.8	24.3	95	94	83	75	94	95	89.3	4
10..	57.34	57.71	58.93	57.02	57.19	59.44	57.94	24.3	24.2	27.5	27.7	26.6	24.7	25.8	28.8	23.9	95	95	84	85	87	95	90.2	1.8
11..	58.51	58.86	59.52	57.64	58.72	59.97	58.87	24.1	24	29	30.6	28.1	27	27.1	31	23.4	96	96	76	71	81	83	83.8	2
12..	59 07?	58.67	60.01	57.97	58.51	59.76	59	26.2	26.1	28	29.8	28.1	26.4	27.4	30.1	25.1	89	89	80	75	80	86	82.2	5.1
13..	58.98	59.77	60.63	58.46	59.02	60.52	59.56	24.7	23.6	30	30.3	26.1	24.9	26.6	30.9	23.4	88	95	69	70	85	93	83.3	.....
14..	59.63	59.52	60.22	57.67	58.15	59.87	59.18	24.6	24.5	29.8	30.5	28.1	26.4	27.3	31.1	24.3	95	95	67	68	77	88	81.7	.....
15..	59.04	59.29	59.80	57.73	57.65	59.30	58.80	25.1	24.9	29.5	29.3	28.3	27.4	27.4	31.1	24.5	93	94	72	72	76	81	81.3	8.1
16..	58.23	58.81	59.25	56.74	56.67	58.04	57.96	25.8	24.6	29.9	30.8	28.4	26.5	27.7	31.2	23.8	88	93	73	70	77	82	80.5	31.8
17..	57.39	56.49	57.91	55.49	56.34	57.34	56.83	23.8	24.6	27.8	27	24.1	25.6	25.5	28.6	23.1	96	91	80	82	86	88	87.2	12.2
18..	56.41	56.93	57.61	55.61	55.94	57.80	56.72	26	25.9	26.3	28.6	26.9	26.6	26.7	29.2	24.7	89	90	89	83	83	84	86.3	8.9
19..	56.66	57.39	57.97	55.80	56.49	58.17	57.08	24.6	25.4	27.6	29.5	27.4	26.5	26.8	30.3	23.9	96	93	82	76	80	86	85.5	9.9
20..	56.99	57.65	58.32	56.20	56.57	57.88	57.27	26.2	24.7	29.8	30.7	27.5	26.5	27.6	30.9	24.5	86	94	71	71	87	88	82.8	4.6
21..	57.45	57.91	58.50	56.22	57.22	58.39	57.62	24.6	23.9	29.3	29.4	27.2	26.3	26.8	30.7	23.5	92	96	74	75	88	86	85.2	2
22..	57.14	58.04	58.92	56.93	57.22	59.16	57.90	25.5	24.4	29.6	29.4	26.8	25	26.8	30.4	24.2	89	93	76	76	88	93	85.8	.....
23..	58.16	58.90	59.55	57.14	57.42	59.07	58.37	23.8	22.9	28.5	28	26.8	25.7	26	29.2	22.4	95	97	79	80	84	91	87.7	13
24..	58.61	58.99	59.13	57.11	57.62	58.59	58.34	24.8	23.9	29.1	30	28	26.9	27.1	30.9	23.7	94	96	75	70	80	84	83.2	1.5
25..	57.74	58.56	58.57	56.27	57.13	58.22	57.75	25.9	24.6	27.6	30	27.9	26.2	27	30.5	24.4	85	92	85	71	80	87	83.3	2.3
26..	57	57.49	58.10	55.86	56.21	58.14	57.13	25.9	24.1	29.5	30.6	28.1	26.5	27.4	31.4	23.9	85	94	72	70	80	87	81.3	3.6
27..	57.13	57.09	58.13	55.70	56.13	57.87	57.01	25.6	25.4	29.9	30.8	28.4	26.4	27.8	31.2	25	90	90	73	69	79	90	81.8	.....
28..	56.83	58.19	59.32	57	58.27	59.64	58.21	24.4	24.2	29.5	31.1	28.5	25.9	27.3	31.5	23.7	96	94	67	69	75	89	81.7	.....
29..	58.49	58.77	60.06	57.80	58.67	59.38	58.86	25.8	26.4	28.8	30.2	26.3	26.6	27.4	31.4	24.4	89	89	75	69	88	85	82.5	33.2
30..	58.32	58.74	59.56	57.61	57.83	59.07	58.52	26.4	25	26	27.8	27	26.3	26.4	27.9	23.2	85	89	90	82	84	88	86.3	19.3
31..	57.56	57.41	58.42	56.55	56.76	57.89	57.43	26.2	26.4	29.1	28.8	27.4	26.4	27.4	30.1	23.9	85	85	76	79	84	85	82.3	44.2
Mean	57.18	57.52	58.31	56.21	56.68	58.15	57.34	24.9	24.5	28.3	29	26.9	25.8	26.6	29.9	23.9	91.5	92.9	78.7	76.3	84.3	88.5	85.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	401.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	W	WSW	W	WSW	SW	Calm	52.8	22.2	76.6	24.1	175.7	5	A.-Cu. W	Cu.	7	Ci.-S.	Cu. NW
2..	W	Calm	Calm	S	Calm	SW	18.3	22.3	42	16.4	99	6	Ci.-S. NE	Cu.	8	Ci.-S.	Cu.-N.
3..	Calm	Calm	E	E	Calm	NE	27.4	26.2	29.8	30.9	114.3	7	Ci. E	Cu.	8	Ci.-S.	Cu.-N. NNW
4..	SW	SW	SW	W	SW	SW	31.1	48.9	95.3	77.4	252.7	10	Ci.-S.	N. WSW	10	Ci.-S.	N. NW
5..	SW	WSW	WSW	WSW	SW	WSW	108.3	105.6	81.3	75	370.2	10	Ci.-S.	N. WSW	10	Ci.-S.	Fr.-N. WNW
6..	SW	WSW	SW	SW	SW	SW	92.8	88.7	111	106.8	399.3	10	Ci.-S.	N. W	10	Ci.-S.	N. W
7..	SW	SW	SW	SW	SW	SW	109.9	121.2	117	114.8	462.9	10	Ci.-S.	Fr.-N. SW	10	Ci.-S.	Fr.-N. SW
8..	SW	SW	SW	SSW	SW	SW	90.9	89.1	100.1	62.3	342.4	9	Ci.-S.	Fr.-N. SW	8	A.-Cu. NE	Cu.-N. WSW
9..	SW	SW	SSW	SW	W	S	45.1	66.3	78.4	31.7	221.5	10	Ci.-S.	N. SW	9	Ci.-S.	Cu.-N. WSW
10..	W	SW	W	WSW	S	Calm	31.1	45.9	38.3	13.9	129.2	10	Ci.-S.	N. SW	9	Ci.-S.	Cu.-N. SW
11..	Calm	SW	SSW	NE	ENE	NE	15.5	32.5	62.8	49.3	160.1	8	Ci.-S.	N. SW	6	Ci.	Cu. SE
12..	NE	N	NE	NE	ENE	NE	45.1	48.3	53.9	28.5	175.8	7	Ci.	Cu.-N. E	5	Ci.-S.	Cu.-N.
13..	Calm	Calm	NE	NE	Calm	Calm	12.1	49.6	59.2	9.1	130	3	A.-Cu. ESE	Cu.	6	A.-Cu. SE	Cu. S
14..	Calm	Calm	NE	ENE	ENE	Calm	8.3	34.8	52	22.3	117.4	6	A.-Cu. E	Cu.	7	Ci.-S. E	Cu.
15..	Calm	Calm	NE	ENE	ENE	NNE	13.9	32.7	45.3	42.9	134.8	10	Ci.-S.	N. E	7	Ci.-S. ENE	Cu.-N. SSE
16..	Calm	Calm	NE	ENE	NE	NE	21.9	43.5	64.1	73	202.5	7	Ci.-S. NE	N. ESE	3	Ci.-S.	Cu.
17..	N	NE	NNE	NNE	Calm	NE	36.7	73.8	58.1	54.4	223	10	Ci.-S.	N. ENE	10	Ci.-S.	Fr.-N. ENE
18..	N	NNE	NE	ENE	NE	NE	54.7	73.2	65	62.5	255.4	10	Ci.-S.	N. ENE	7	Ci.-S.	Cu.-N. NE
19..	Calm	NE	NE	NE	NE	NE	14.5	48.1	51.3	56.6	170.5	7	Ci.-S.	Fr.-N. NE	5	Ci.-S. ESE	Cu.-N.
20..	N	Calm	NE	ENE	N	NE	29.5	36.7	50.4	28.8	145.4	3	Ci. W	Cu.	5	Ci.	Cu. ESE
21..	N	Calm	NE	ENE	N	N	14.8	32.8	45.6	37	130.2	4	Ci. NW	Cu. NE	8	Ci.-S. W	Cu.-N. ENE
22..	Calm	Calm	NE	E	Calm	Calm	18.8	38.6	27.4	12.4	97.2	3	Ci. W	Cu. ESE	8	Ci.-S.	Cu.-N. ESE
23..	SW	Calm	ENE	NE	NE	Calm	18.5	33.3	51	15	117.8	6	Ci. W	Cu. SE	10	Ci.-S.	Cu.-N. ENE
24..	Calm	Calm	NE	NE	NNE	N	7.4	41	72.2	39.4	160	4	Ci.	Cu. ESE	3	Ci.	Cu.
25..	N	Calm	NE	ENE	N	Calm	37.3	35.9	60.9	17.5	151.6	5	A.-Cu. ESE	Cu. ENE	2	Ci.	Cu.
26..	NE	Calm	NE	ENE	ENE	N	18.5	41	56.9	42.9	159.3	3	Ci.	Cu.-N. E	6	A.-Cu.	Cu.-N. ESE
27..	Calm	Calm	NE	E	Calm	Calm	27.2	40.5	44.5	20.7	132.9	1	Ci.	Cu.	5	Ci.	Cu.-N. ESE
28..	Calm	Calm	NE	ENE	NE	Calm	9.9	28.7	55.7	23.3	117.6	3	Ci. W	Cu. ENE	1	.....	Cu.
29..	E	NNE	ENE	NNE	N	N	42	60.9	72.7	51.2	226.8	3	Ci.	Cu. ENE	7	Ci.-S.	Cu.-N. NE
30..	E	N	NE	ENE	NE	NE	49.1	59.3	69.5	60.6	238.5	10	Ci.-S.	N.	10	Ci.-S.	N. NE
31..	NE	NE	NE	NE	NE	NNE	55.5	75.8	75.3	58.1	264.7	6	Ci. W	Cu. ENE	6	A.-Cu. NE	Cu.-N. ENE
Mean	.....	.....	.....	.....	.....	.....	37.4	51.5	63.3	43.8	196.1	6.6	.....	.....	7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,078.7	.....	.....	.....	.....	.....	.....

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[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

NOVEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1..	56.70	56.96	58.21	56.48	56.11	57.49	56.99	25.4	25.1	29	28.8	27.3	26.3	27	30.3	24.1	91	92	77	77	86	90	85.5	23.3
2..	56.69	57.71	58.76	57.02	57.39	58.12	57.62	25.5	24.9	28.5	25.8	25.6	26	26	29.8	24.5	88	89	80	88	88	85	86.3	28.6
3..	57.79	58.16	58.63	57.14	57.27	58.68	57.94	26.2	25.4	28.8	27.8	27.5	27.4	27.2	29.2	24.5	85	89	80	86	86	84	85	71.1
4..	58.03	59.05	59.94	58.33	58.84	59.63	58.97	24.9	24.4	26.6	29	26.7	26.3	26.3	29.6	24	93	96	86	78	87	86	87.7	9.2
5..	58.85	59.18	60.19	58.24	58.54	60.02	59.17	26.1	26.6	27.7	26.3	25.3	25.4	26.2	27.8	24	86	85	83	86	91	86	86.2	37
6..	59.01	59.87	60.78	59.34	58.32	60	59.55	24.6	24.9	25.3	24.8	25.3	25.9	25.1	26.3	23.9	91	92	92	92	86	89	90.3	30.4
7..	58.58	59.53	60.53	58.63	59.21	60.03	59.42	26	25.7	26	24.5	25.2	26	25.6	27.2	24.2	89	89	89	92	92	89	90	22.4
8..	58.86	59.38	60.28	58.26	57.98	58.62	58.90	26.2	26.1	25.5	28.3	26.5	26.2	26.5	29.9	24.3	90	90	90	77	84	85	86	6
9..	57.18	57.16	57.40	54.96	54.68	57.46	56.47	26	26.5	26.8	26.1	26.2	26.1	26.3	27.4	25.3	86	85	90	90	90	85	87.7	9.9
10..	56.63	57.56	58.62	56.55	56.78	58.71	57.48	26	26.4	29.5	29.8	27.3	25	27.3	30.3	24.3	85	84	76	76	86	92	83.2	15.2
11..	57.60	57.57	58.76	56.47	57.47	58.78	57.78	24	24.7	29.1	31.4	26.7	26	27	31.5	23.6	91	89	74	66	85	89	82.3	.....
12..	57.83	58.35	59.37	56.94	57.29	59.14	58.15	23.5	22.9	28.3	29.6	25.5	25.2	25.8	30.4	22.7	95	96	80	68	93	93	87.5	70.6
13..	58.24	58.74	59.56	57.27	57.30	58.43	58.26	25.5	25.8	27.4	28.4	26 2	26.1	26.6	29.8	24.6	88	84	85	80	89	88	85.7	18.5
14..	57.06	56.98	57.96	56.25	56.51	57.81	57.10	25.3	25.6	29	25.8	26	26.1	26.3	29.3	23.3	91	90	76	85	90	87	86.5	33.8
15..	56.66	57.54	58.23	56.10	56.29	57.66	57.08	24.1	24.9	27.5	29.3	26.7	26	26.4	29.8	23.4	97	93	84	75	84	88	86.8	4.6
16..	56.76	57.28	58.03	56.51	57.38	58.26	57.37	25.6	25.3	28	28.8	25.4	25.1	26.4	30.1	24.1	88	87	79	76	91	91	85.3	42.2
17..	57.61	58.44	58.50	56.86	57.07	57.95	57.74	24.4	23.9	26.8	27.8	26.6	25.9	25.9	28.4	23.2	94	94	86	82	83	87	87.7	.8
18..	57.25	58.05	58.09	56.25	57.10	58.31	57.51	24.5	23.2	28.1	29.4	25.9	24.5	25.9	30.5	23	91	95	79	72	92	92	86.8	.....
19..	57.48	57.42	58.56	56.41	56.90	58.28	57.51	23.3	22.5	28.5	30.3	27.7	25.2	26.2	30.4	22.3	97	96	78	72	87	95	87.5	.....
20..	57.69	58.52	59.20	57.12	57.75	59.42	58.28	24.2	23.1	28.9	30.5	27.8	24.8	26.6	30.8	23	96	97	78	71	79	93	85.7	.....
21..	58.68	59.38	60	58.26	58.56	59.95	59.14	23.9	24.9	29.8	30.7	27.4	26.8	27.2	31.4	23.3	96	95	75	72	84	83	84.2	6.1
22..	58.92	59.71	60.16	58.13	58.70	59.67	59.22	26	24.3	28.8	26.9	26.3	25.7	26.3	28.9	23.3	84	89	74	80	83	86	82.7	.8
23..	58.19	57.99	59.35	57.08	57.38	58.89	58.15	25.6	25.5	28.3	25.9	25.4	25.6	26	29.4	23.8	84	84	80	88	87	90	85.5	21.8
24..	57.50	57.43	58.48	56.12	56.74	58.07	57.39	25.4	25.7	28	27.9	26.8	25.6	26.6	29.5	23.9	88	87	76	77	83	92	83.8	19.1
25..	57.58	57.84	58.96	57.04	58.44	59.43	58.22	24.8	25.6	26	26.6	25.5	24.2	25.4	26.9	24	97	91	89	86	91	95	91.5	2.6
26..	58.32	58.39	59.47	57.12	58.24	59.29	58.47	23.6	25.4	27.9	28.5	26.8	26	26.4	29.8	23.1	96	92	79	78	84	89	86.3	.5
27..	57.81	58.75	59.52	57.07	57.88	58.99	58.34	24.3	23.4	28.9	28.7	26.1	26.1	26.2	29.3	23.2	95	96	75	78	87	87	86.3	.....
28..	58.83	59.58	60.46	58.64	58.87	60.27	59.44	24.8	23.6	28.8	30	27.9	26.4	26.9	30.4	23.3	92	94	76	73	80	90	84.2	1.3
29..	59.88	60.29	61.28	59.55	60.22	61.12	60.39	25.7	24.4	29.3	30.4	27.9	26.5	27.4	30.6	24.3	88	95	75	70	80	87	82.5	.....
30..	60.37	60.43	61.08	59.05	59	60.34	60.04	25.9	24.8	29	29.6	27	24.7	26.8	30	23.5	87	92	73	72	77	87	81.3	2
Mean	57.95	58.44	59.28	57.31	57.67	58.96	58.27	25	24.8	28	28.3	26.5	25.8	26.4	29.5	23.7	90.6	90.9	80.5	78.8	86.2	88.7	85.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	477.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	NE	NE	ENE	NE	NE	49.4	56.9	65.7	68.4	240.4	3	.....	Cu.-N. E	7	.....	N. NE
2..	NE	NE	NE	SE	NE	NE	62	59	65.8	71.1	257.9	8	Ci.-S.	Cu.-N. E	8	Ci.-S.	N. ENE
3..	NE	NE	NE	NE	NE	ENE	73.7	67.9	73.7	75	290.3	9	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. ENE
4..	N	ESE	NE	NE	NE	NNE	42.3	44	70.3	54.9	211.5	10	Ci.-S.	Cu.-N.ESE	6	Ci.-S.	Cu.-N. NE
5..	NE	NE	NE	NE	NE	NE	63.4	79.9	81.6	87.5	312.4	9	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Fr.-N.ENE
6..	NE	ENE	NE	NE	NE	NE	76.7	95.5	86.6	74.2	333	10	Ci.-S.	N. ENE	10	Ci.-S.	N. ENE
7..	NE	NE	ENE	NE	NE	NE	75.1	75.6	64.7	66.2	281.6	10	Ci.-S.	N. E	10	Ci.-S.	N. E
8..	NE	NE	NE	NE	NNE	NE	57.9	50.1	61	61	230	5	Ci.-S.	Cu.-N. ENE	9	Ci.-S.	Cu.-N. ENE
9..	NE	NNE	NE	NE	NE	ENE	72.6	88.5	81.5	75.9	318.5	10	Ci.-S.	N. NE	10	Ci.-S.	Fr.-N.ENE
10..	NE	NE	NE	NE	NE	NE	57.1	53.4	52	22.8	185.3	2	Ci.	Cu.	3	.....	Cu.-N. ENE
11..	Calm	Calm	NE	NE	N	N	25.4	51.2	60.2	26	162.8	1	.....	Cu.	2	.....	Cu.
12..	SW	SW	NNE	NNE	N	NE	34.6	58.4	82.1	73	248.1	0	.....	.....	4	A.-Cu. NNE	Cu. NNE
13..	NE	N	N	NNE	N	NNE	67.3	83.6	83.9	62.3	297.1	10	Ci.-S.	N. NE	8	Ci.-S.	Cu.-N. NE
14..	N	NNE	NNE	NNE	NE	NE	78.4	105.1	92	54.1	329.6	10	Ci.-S.	N. NE	10	Ci.-S.	Fr.-N. NE
15..	NE	NE	NE	NE	NE	NE	48.9	55.8	85.1	88.3	278.1	10	Ci.-S.	N.	5	Ci. ENE	Cu.
16..	NE	NE	NE	NNE	NE	ENE	81.9	97.7	76.1	38.3	294	6	Ci.-S.	Fr.-N. NE	9	Ci.-S.	Fr.-N. NE
17..	Calm	NE	NE	NNE	NE	NE	15.1	44.1	42.3	48.3	149.8	10	Ci.-S.	N. NE	9	Ci.-S.	Cu.-N. ENE
18..	Calm	Calm	NE	ESE	NNE	Calm	14.3	27.4	47.2	18.8	107.7	6	A.-cu. NW	Cu.	8	Ci.-S.	Cu. WSW
19..	Calm	Calm	NE	ENE	Calm	Calm	10.7	27.9	40.7	13.5	92.8	1	Ci.	Cu.	4	Ci.	Cu.-N.
20..	Calm	Calm	NE	ENE	NE	Calm	11.9	24.4	47.7	11	95	4	Ci. ENE	Cu.	4	Ci.	Cu.-N.WSW
21..	Calm	NE	ENE	NE	NNE	N	11.5	48.1	64.2	60.6	184.4	1	Ci.	Cu.	2	Ci.	Cu.-N. ENE
22..	E	NE	NE	NNE	N	N	37	71.4	83.9	77.4	269.7	10	Ci.-S.	N. NE	10	Ci.-S.	Cu.-N. NE
23..	N	NNE	NNE	ENE	N	N	71.9	74.2	58.1	66.6	270.8	8	Ci.-S.	N. NE	9	Ci.-S.	N. ENE
24..	NE	NNE	NE	NE	NE	NE	47.2	95.5	95.6	87.2	325.5	7	Ci.-S.	N. NE	10	Ci.-S.	N. ENE
25..	Calm	NE	NE	Calm	NE	Calm	33.3	72.7	29.6	13.2	148.8	10	Ci.-S.	N. ENE	10	Ci.-S.	N. E
26..	Calm	NE	NE	NE	ENE	Calm	9.7	62	48.3	18.7	138.7	10	Ci.-S.	N. ENE	10	Ci.-S.	Cu.-N. NNE
27..	Calm	Calm	NE	NE	N	N	11.9	30.9	63.6	30.8	137.2	8	A.-Cu. E	Cu.	9	Ci.-S.	Cu.-N. NE
28..	Calm	Calm	NE	NE	NE	E	12.6	27.2	68.9	40.5	149.2	4	Ci. W	Cu. NE	7	Ci. ENE	Cu.-N.
29..	E	Calm	NE	NE	NE	NE	19.3	30.9	57.4	38.4	146	6	Ci.	Cu. ENE	3	Ci. E	Cu.
30..	NE	Calm	NNE	ENE	NE	Calm	30.9	44.1	78.6	28.4	182	1	Ci.	Cu. ENE	4	Ci. ESE	Cu.
Mean	.....	.....	.....	.....	.....	.....	43.5	60.1	66.9	51.7	222.3	6.6	.....	.....	7.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,668.2	.....	.....	.....	.....	.....	.....

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

DECEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.58	60.11	60.55	58.62	58.64	60.33	59.64	22.1	21	28.9	30.6	27.4	23.8	25.6	30.8	21	96	95	71	64	76	93	82.5	.....
2..	59.42	60.21	60.22	58.56	59.13	60.06	59.60	21.9	21.1	28.5	30.4	27.5	26	25.9	30.6	20.9	97	95	74	66	80	89	83.5	0.5
3..	59.23	59.83	60.95	59.30	59.52	60.37	59.87	23.7	23.2	29	29.2	27.2	26.7	26.5	30.2	22.8	96	96	73	75	85	87	85.3	.3
4..	59.81	60.27	60.93	59.62	59.84	61.08	60.26	26	25.9	29.2	28.4	26.8	25.9	27	31.2	25.3	84	84	72	78	80	85	80.5	2.5
5..	59.86	60.14	60.07	58.22	58.48	59.27	59.34	26	26	29.1	29.3	27.3	25.6	27.2	30.8	24.8	85	86	72	74	79	88	80.7	13
6..	57.94	57.95	58.11	56.10	56.26	57.35	57.28	25.8	25.7	29	27.3	26.7	26.2	26.8	30.3	24.9	88	88	73	86	86	83	84	3.4
7..	56.10	56.79	56.75	54.81	55.65	56.56	56.11	24.4	23.1	27.3	27	26.3	25.7	25.6	29.3	22.9	90	96	84	83	86	89	88	3.8
8..	55.44	55.73	56.91	54.79	55.51	57.10	55.91	25.4	25.8	24.7	25.2	24	24.1	24.9	26.1	22.9	88	88	91	88	93	96	90.7	67.8
9..	56.21	56.84	57.97	56.39	57.72	58.94	57.34	24.9	25.8	28.5	29.2	27.6	25.8	27	30.1	24.3	92	89	75	76	84	91	84.5	.....
10..	57.88	58.04	58.52	56.26	57.18	58.19	57.68	24.4	23.5	28.8	30.3	27.4	25.5	26.6	30.4	22.5	90	94	79	72	84	91	85	.5
11..	56.99	57.67	58.32	56.17	56.62	58.13	57.32	24.4	23.6	28.4	29.6	26.8	25.6	26.4	29.8	23.4	95	97	79	73	84	91	86.5	7.1
12..	56.96	57.74	59.06	57.36	57.85	58.67	57.94	24.8	23.1	27.8	28.4	26.8	26.6	26.2	28.8	23	87	96	79	77	83	83	84.2	.....
13..	58.30	58.26	59.07	57.46	57.60	59.43	58.35	26.2	25.6	26.8	29.5	28	24.1	26.7	29.9	22.8	85	87	88	72	80	95	84.5	9.7
14..	58.24	58.12	59.81	57.95	57.70	58.92	58.46	22	21.5	28.2	30.8	28.1	24.4	25.8	30.8	21.3	96	95	78	70	79	91	84.8	.....
15..	57.95	58.66	59.23	57.39	57.57	58.59	58.23	22.7	22.4	29.5	30.2	27.1	26.5	26.4	31.1	22.2	96	95	71	68	83	85	83	2.8
16..	57.57	57.52	58.67	56.60	57.32	57.94	57.60	25.4	23.1	27.7	28.7	26.5	26.1	26.2	29.5	23	87	96	81	78	86	87	85.8	6.8
17..	57.31	57.50	58.67	56.49	57.66	58.89	57.75	25.4	23.7	28.8	30	27.2	25.5	26.8	30.3	23.5	85	93	71	71	83	88	81.8	.....
18..	58.36	58.69	59.70	57.76	58.67	59.42	58.77	23.8	22.6	29	30.8	26.6	26.1	26.5	30.9	22.2	92	88	71	65	83	86	80.8	.....
19..	58.78	59.23	59.91	58	58.68	59.51	59.02	26	25.9	26.5	27	25.6	24.9	26	27.8	24.1	85	84	86	86	90	92	87.2	58.6
20..	58.49	58.56	59.45	57.52	58.25	59.29	58.59	25.1	26	29.2	29.5	26	24.5	26.7	30.7	24.3	91	86	73	73	87	88	83	8.6
21..	58.50	59.31	59.56	57.27	57.67	58.79	58.52	25.6	23.2	28	30.4	27.4	26.4	26.8	30.8	22.7	81	92	79	72	84	88	82.7	.....
22..	58.15	58.86	60.03	57.57	57.92	58.74	58.54	25.4	21.7	28.9	30.6	27.4	26.3	26.7	30.7	21.5	85	91	74	65	81	84	80	9.1
23..	57.85	58.13	59.15	57.21	57.94	58.99	58.21	25.4	25.2	28.4	29.1	26.6	26	26.8	29.8	24.3	88	86	75	72	86	88	82.5	2.1
24..	58.05	57.92	58.53	56.55	56.74	57.78	57.60	25.6	22.7	28.8	26.2	26.3	25.3	25.8	29.4	22.6	84	94	72	84	86	85	84.2	6.9
25..	56.70	56.75	57.72	55.33	56.04	57.36	56.65	24.8	23.6	27.8	29.1	24.5	23.4	25.5	30	23.1	87	91	75	71	92	94	85	100.4
26..	56.11	56.59	57.24	55.79	56.49	57.01	56.54	24	24.4	23.7	24	23.9	24.2	24	24.8	23.3	92	93	94	96	93	91	93.2	106.4
27..	56.50	56.62	58.35	56.70	57.17	58.48	57.30	24.2	23.9	24.1	24.4	23.7	23.2	23.9	24.8	23.1	91	91	93	92	92	94	92.2	29.6
28..	57.35	57.57	59.41	57.46	57.25	58.80	57.97	23	22.9	23.7	23.3	23.4	23.2	23.2	23.9	22.5	95	95	91	92	92	92	92.8	34.8
29..	58.11	58.21	59.32	57.34	57.54	58.45	58.16	23	22.9	24	25	23.5	23.4	23.6	25.2	22.8	93	93	94	93	92	93	93	62
30..	57.60	57.42	59.49	57.29	58.06	59.08	58.16	23.1	23.4	24.2	25.4	24	23.4	23.9	25.5	22.9	95	95	95	88	88	91	92	4.9
31..	58.22	58.62	60.24	58.71	58.73	59.83	59.06	23.3	23.1	23.8	23.6	23.3	23.4	23.4	24	22.7	91	91	91	90	91	93	91.2	6.9
Mean	57.86	58.19	59.09	57.18	57.66	58.75	58.12	24.4	23.7	27.4	28.1	26.2	25.1	25.8	29	23	89.9	91.6	79.8	77.7	85.4	89.4	85.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	548.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	NE	ENE	NE	Calm	9.1	34.3	52.9	16.3	112.6	0	.....	.....	2	Ci.	Cu.
2..	Calm	Calm	NE	ENE	NE	Calm	14.3	30.8	48.9	31.7	125.7	2	Ci. SW	Cu.	2	Ci.	Cu.
3..	Calm	Calm	NNE	NNE	NNE	N	12.9	69.5	68.7	50.4	201.5	2	Ci.	Cu.	8	A.-Cu.	Cu.-N. NE
4..	N	NE	NE	NNE	NNE	N	65.7	79.9	78.9	67.8	292.3	1	Ci.	Cu. E	7	A.-Cu. NE	Cu.-N. NNE
5..	N	NE	NE	NE	NNE	N	71.8	92	99.2	73.2	336.2	7	Ci.-S.	Cu.-N. ENE	8	A.-Cu.	Cu.-N. NE
6..	N	NNE	NNE	ENE	NE	N	68.1	80.7	64.2	44.1	257.1	6	Ci. SSE	Cu. ENE	8	Ci.-S.	Cu.-N. ENE
7..	E	Calm	NE	NE	NNE	N	21.1	57.7	100.3	85.8	264.9	7	Ci.-S.	Cu. ENE	9	Ci.-S.	N. NNE
8..	NE	NE	NE	NE	NE	NNE	82.7	73.8	72.1	64.2	292.8	10	Ci.-S.	N. NE	10	Ci.-S.	Fr.-N. ESE
9..	E	NE	ENE	NE	NE	Calm	57.3	36.5	44.6	23.3	161.7	9	A.-Cu. SSW	Cu. E	10	Ci.-S.	Fr.-N. SSW
10..	Calm	Calm	NE	ENE	NNE	N	12.7	30.6	58.1	51.3	152.7	2	Ci. E	Cu.	8	Ci. ESE	Cu.
11..	Calm	Calm	NE	NE	NE	N	11	25.7	53.4	41.8	131.9	8	Ci.-S.	Fr.-N. SE	7	A.-Cu. SE	Cu. ENE
12..	Calm	Calm	NNE	NNE	N	N	16.3	38.8	61.8	54.4	171.3	1	Ci.	Cu.	9	Ci.-S.	Cu.-N. ENE
13..	N	NNE	N	NNE	NE	Calm	49.7	39.7	45.9	14.3	149.6	2	Ci.	Cu. ENE	2	A.-Cu.	Cu.-N. ENE
14..	N	N	NE	ENE	NE	Calm	18.8	28.8	35.9	11.9	95.4	4	Ci. W	Cu. NE	5	Ci.	Cu. ENE
15..	NE	NW	NNE	NNE	N	NE	25.7	30.9	63	59.7	179.3	4	Ci. ENE	Cu.	3	Ci.	Cu. NNE
16..	Calm	Calm	E	NE	NE	N	23.3	34.1	60.4	63.9	181.7	6	Ci.-S.	Fr.-N. ENE	6	Ci.	Cu. E
17..	N	Calm	NE	NE	NNE	N	22.5	35.6	52.1	40	150.2	3	Ci.	Cu. E	7	Ci. E	Cu.
18..	Calm	Calm	NNE	NE	NNE	N	15.3	54.7	69.4	51.7	191.1	2	Ci.	Cu.	7	Ci. ENE	Cu. NE
19..	N	NNE	NE	NE	NNE	NNE	52.9	65.2	73.4	53.1	244.6	3	Ci.	Cu. NE	10	Ci.-S.	N. NE
20..	N	Calm	NNE	NE	NE	N	16.9	68.1	77.2	48.8	211	5	Ci. E	Cu.-N. NE	6	Ci. ENE	Cu.-N. NE
21..	NE	Calm	NNE	ENE	NE	N	31.2	34.1	72.7	48	186	1	Ci.	Cu. E	4	Ci. NE	Cu. NE
22..	N	N	NE	NE	NE	N	20.3	41.5	57.1	54.1	173	0	.....	.....	2	Ci.	Cu. ENE
23..	Calm	Calm	NE	NE	NE	N	33.2	62.6	61.8	41.8	199.4	1	Ci.	Cu. ENE	5	Ci.-S.	Cu. ENE
24..	N	N	ENE	NNE	NE	N	23.6	52.9	60.4	57.9	194.8	3	Ci. NE	Cu.	10	Ci.-S.	N. NE
25..	N	Calm	NNE	NNE	NE	N	52.6	47.2	83.7	52.3	235.8	8	A.-Cu. ENE	Cu.	8	Ci.-S.	Cu. NE
26..	N	NE	NNE	NE	NNE	N	71.6	81.5	76.9	99.6	329.6	10	Ci.-S.	N.	10	Ci.-S.	N. NE
27..	N	NNE	NE	NNE	NE	NE	104.6	101.7	107.5	102.4	416.2	10	Ci.-S.	Fr.-N. NNE	9	Ci.-S.	Fr.-N. NE
28..	N	NNE	NNE	NNE	NE	N	96.3	105.1	115.3	103	419.7	10	Ci.-S.	N.	10	Ci.-S.	N. NE
29..	N	N	N	NNE	NNE	N	91.5	93.8	85.5	67.8	338.6	10	Ci.-S.	N.	10	Ci.-S.	N. NE
30..	N	N	NE	NNE	NE	N	39.1	35.7	108.6	129.8	313.2	10	Ci.-S.	N. NE	10	Ci.-S.	Fr.-N. NNE
31..	N	NNE	N	NNE	N	N	123.4	131.2	121.7	115.6	491.9	10	Ci.-S.	N. NE	10	Ci.-S.	N. NE
Mean	.....	.....	.....	.....	.....	.....	43.7	57.9	72	58.7	232.3	5.1	.....	.....	7.2	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,201.8	....	.....	.....	.....	.....	.....

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

JANUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm*
1..	57.95	58.65	59.98	57.78	58.34	59.60	58.72	25.5	25	27.2	28.2	26.7	26.5	26.5	28.9	24.1	91	92	84	80	85	86	86.3	.....
2..	58.43	59.08	60.42	57.95	58.86	60.35	59.18	25	23.2	27.5	28.7	27.2	25	26.1	29.8	22.3	88	96	83	78	84	92	86.8	.....
3..	59.26	59.61	61.47	59.06	60.13	61.55	60.18	24	23.5	26.3	26.6	25.4	25.4	25.2	27.2	22.7	91	91	86	86	88	87	88.2	4.8
4..	60.60	61.68	63.08	61.43	62.12	63.64	62.09	25.2	24.6	25.6	26.3	26	24.7	25.4	27.2	23	86	88	86	79	81	90	85	14.2
5..	63.08	64.11	65.26	63.14	63.91	65.56	64.18	24.3	23.3	25.2	26.4	25.2	24.1	24.8	26.8	22.8	89	93	80	73	75	82	82	1
6..	64.37	64.41	65.59	63.40	63.30	63.93	64.17	24.5	24.7	23.5	25.8	24.3	24.3	24.5	26	22.8	80	79	89	72	82	83	80.8	.....
7..	62.84	62.76	64.23	62.12	62.44	63.84	63.04	23.8	24.5	26	28	26.2	25.3	25.6	28.8	22.5	86	79	76	67	73	77	76.3	.....
8..	62.75	63.09	64.85	62.64	63.40	64.66	63.56	25.1	24.5	27.7	27.4	25.8	25.5	26	28.3	23.5	76	79	76	72	84	84	78.5	9.1
9..	63.86	64.25	65.99	63.74	64.34	65.39	64.60	25.7	24.8	24.4	24.3	24.2	23.9	24.6	25.9	22.7	81	87	87	89	88	90	87	89
10..	64.19	64.90	66.09	64.09	64.39	66.18	64.97	24.5	23	23.2	22.9	23.9	23.4	23.5	24.8	21.8	83	95	92	94	86	90	90	63.7
11..	64.59	64.92	66.03	63.60	63.86	65.01	64.67	23.6	24	24.2	23.7	23.7	23.6	23.8	25	21.9	83	79	76	81	81	82	80.3	11.7
12..	63.49	63.56	64.26	61.72	61.96	63.13	63.02	23.7	23.5	23.7	23.8	24.1	24	23.8	24.6	22	82	85	85	90	88	89	86.5	27.7
13..	62.19	61.86	62.50	60.72	60.69	62.30	61.71	24.4	24.5	25.6	26.7	25.9	25.6	25.4	27.4	23.3	88	92	87	83	87	87	87.3	.....
14..	60.99	60.83	62.13	59.85	60.50	61.48	60.96	25.5	24.9	26.2	26.4	25.6	25.4	25.7	27.7	24.2	86	90	85	82	91	88	87	4.3
15..	60.69	60.60	62.03	59.89	59.85	60.86	60.65	24.8	25.2	26.6	26.6	25.7	25.7	25.8	27.3	23.7	90	83	79	77	81	79	81.5	.....
16..	60.46	60.56	62.06	59.64	60.58	61.66	60.83	25.2	25.3	24.3	25.3	24.8	25.1	25	25.8	23.1	81	78	89	81	87	83	83.2	13.7
17..	60.25	60.31	61.41	59.41	59.93	60.70	60.34	24.9	24.5	25.3	25	25.3	25.4	25.1	25.9	23.9	89	92	85	89	88	88	88.5	1.3
18..	59.89	60.06	60.88	57.97	59.36	60.70	59.81	25.1	25.3	25.7	25.8	24.9	24	25.1	26.3	23.4	89	85	85	89	94	97	89.8	13.2
19..	59.45	59.61	60.75	58.30	58.95	59.71	59.46	24.4	24.3	24.7	25.2	25.3	24.4	24.7	25.7	23	91	91	85	83	81	87	86.3	24.2
20..	58.63	58.51	59.86	57.88	58.46	59.37	58.78	23.8	23.7	24	24.3	24.4	24.3	24.1	25.2	22.9	91	91	91	89	89	91	90.3	103.6
21..	58.29	58.57	59.81	58.03	59.57	60.45	59.12	23.3	23.6	23.8	23.6	24.2	23.7	23.7	24.5	22.5	97	96	95	95	89	91	93.8	38.5
22..	59.61	59.56	60.69	58.62	59.21	59.85	59.59	23.8	24	23.5	24.2	24	24.4	24	25.2	22.3	89	85	94	88	87	87	88.3	57.7
23..	59.08	59.11	60.32	57.97	58.82	59.73	59.17	24.1	23.4	23.6	25	24.9	24.8	24.3	25.8	22.4	87	92	90	80	79	79	84.5	52.1
24..	58.80	59.08	60.96	59.05	59.70	60.82	59.74	24.7	24	24.7	25	24.4	23.9	24.4	26.8	22.5	79	83	79	80	83	86	81.7	50.5
25..	60.29	60.36	61.44	59.79	60.95	61.60	60.74	23.3	23	22.9	23.3	23.5	23.8	23.3	24.2	22	90	94	94	91	90	89	91.3	70.1
26..	60.64	61.04	61.25	59.24	59.86	60.60	60.44	24	24	24.5	25.8	25.3	24.5	24.7	25.8	22.8	87	86	79	77	81	86	82.7	.....
27..	59.98	60.36	61.12	58.94	59.74	60.46	60.10	24.4	24.4	26.1	25.5	25	25.2	25.1	27.8	23.6	88	91	83	84	88	87	86.8	1.5
28..	59.34	60.07	60.70	58.63	59.34	60.74	59.80	23	21.5	26.4	27.4	25.8	24.4	24.8	28.3	21	91	95	81	81	87	93	88	.....
29..	60.28	59.56	61.10	59.46	60.21	62.25	60.48	23.6	25	24.5	25.4	24.8	23.4	24.4	25.8	22	92	83	86	79	83	93	86	37.3
30..	60.60	60.80	61.69	59.76	59.86	60.95	60.61	23.3	23	23.8	24	24.4	24.4	23.8	24.7	21.9	89	87	86	86	84	85	86.2	1.5
31..	59.53	59.75	60.62	58.46	59.21	60.27	59.64	24.3	24.2	26	25.4	24.2	23.6	24.6	26.8	22.6	85	84	83	86	87	90	85.8	9.1
Mean	60.79	61.02	62.21	60.07	60.70	61.85	61.11	24.3	24.1	25.1	25.5	25	24.6	24.8	26.5	22.7	86.9	87.8	85	82.6	84.9	87	85.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	699.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NW	NW	NW	NW	NW	NW	62.6	83.4	108.9	67.3	322.2	8	A.-Cu.	E S.-Cu. ENE	4	Ci.-Cu.	Cu. E
2..	SW	SSW	NW	NW	Calm	SW	48	71.9	61.8	44.8	226.5	6	Ci.	Cu. ENE	3	Ci.	Cu.
3..	SW	Calm	NbyW	N	NbyE	NNE	54.7	178.4	240.8	211.9	685.8	1	Ci.-Cu.	S.-Cu. N	9	A.-Cu.	S.-Cu. N
4..	NE	NE	NE	NE	NE	NE	118.1?	184.9	229.3	213.5	745.8	10	.....	N. NE	10	A.-Cu.	N. NE
5..	NE	NE	ENE	NNE	NE	NE	203.4	234	242.2	229.5	909.1	10	.....	N. NE	9	A.-Cu.	N. NE
6..	EbyN	NE	NE	NbyE	NE	NE	218.1	227.2	220.8	166.1	832.2	10	Ci.	N. NE	10	A.-Cu.	S.-Cu. ENE
7..	NNE	NNE	NE	NNE	NNE	NNE	139.5	115.1	170.8	110.2	535.6	9	A.-Cu.	Cu.-N. NE	7	Ci.-Cu. E	Cu.
8..	NEbyN	ENE	NNE	N	NNE	NE	116.7	124.4	195.5	167.1	603.7	6	Ci.	S.-Cu. ENE	8	A.-Cu.	Cu. ENE
9..	NE	NNE	NE	N	N	NNE	176.5	239.3	294.7	271.4	981.9	9	A.-Cu.	N. NE	10	.....	N.
10..	NbyE	NbyE	NNE	NNE	NNE	NNE	283.5	278.7	306	336.2	1,204.4	10	.....	N.	10	.....	N. NE
11..	N	NNE	N	NbyE	NNE	NNE	398.9	370.4	355.4	326.7	1,451.4	10	A.-Cu.	N. NE	10	.....	N. NE
12..	NNE	NNE	NNE	N	NNE	NNE	288.1	266.3	233.7	181.4	969.5	10	.....	N. NE	10	.....	N. NE
13..	NNE	NNE	NNE	NNE	NNE	NNE	143.2	150.8	200.1	159.3	653.4	10	A.-Cu.	N. NE	10	A.-Cu.	N. NE
14..	NbyE	NbyE	NEbyN	NNE	N	N	142.4	134.2	153.5	142.6	572.7	8	Ci.-Cu.	S.-Cu. NE	9	Ci.-Cu.	S.-Cu. NE
15..	N	NNE	NNE	N	NNE	NNE	114.9	140.2	196.5	210.5	662.2	4	Ci.	S.-Cu. NE	8	Ci.	N. NNE
16..	N	N	NbyE	NbyE	N	NNE	262.1	240.3	236.8	201.7	940.9	10	Ci.-Cu.	N. NNE	9	Ci.-Cu.	S.-Cu. NNE
17..	NNW	NbyW	NNE	N	N	N	177.3	188.5	193.3	148.4	707.5	10	Ci.-Cu.	N. N	10	A.-Cu.	N. NE
18..	N	NbyE	N	N	N	NNE	155.6	223.5	247.5	232.9	859.5	10	Ci.-Cu.	N. NE	10	A.-Cu.	N. NNE
19..	NNE	NNE	NNE	NNE	NNE	N	221.1	226.7	231.6	211.6	891	10	.....	N. NE	10	.....	N. NE
20..	NNE	NbyE	N	N	NNE	N	214.1	278.6	250	197.5	940.2	10	.....	N. NE	10	.....	N. NNE
21..	NNE	N	NbyW	N	N	N	77.5	166	252.1	195.3	690.9	10	.....	N.	10	.....	N. NNE
22..	N	NNE	NbyE	N	NNE	N	166.8	196.5	210.6	150.7	724.6	10	.....	N. NE	10	.....	N. NNE
23..	NNW	NW	N	NNW	N	N	158.7	199.1	142.7	175.4	675.9	10	.....	N.	10	Ci.	N. N
24..	NNE	NE	ENE	NEbyN	NEbyN	NNE	174.6	171.6	177.8	202.5	726.5	10	A.-Cu.	N. ENE	10	Ci.	N.
25..	NNE	NNE	NNE	NNE	NNE	NNE	173.8	197.8	223.7	159.8	755.1	10	.....	N. NE	10	.....	N.
26..	NNE	NNE	NNE	NNE	NNE	NE	116.9	122.1	162.3	106.2	507.5	10	.....	N. ENE	10	Ci.	S.-Cu. NE
27..	NNE	ENE	NNE	N	NbyE	NNE	67.4	63.3	126.5	55.3	312.5	10	A.-Cu.	N. NE	10	Ci.-Cu.	N. NNE
28..	SSW	SW	WNW	NNW	NNE	NE	58.4	62.6	135.8	66.2	323	6	Ci.	Cu.	8	A.-Cu.	S.-Cu. N
29..	Calm	NNE	N	NNE	NNE	NNE	62.5	146.2	169.8	183.3	561.8	9	A.-Cu.	N. NE	10	A.-Cu.	N. NE
30..	NEbyN	NEbyE	NNE	NNE	NNE	NNE	160.6	170.3	164.7	137.6	633.2	10	.....	N. ENE	10	Ci.-Cu.	N. NNE
31..	N	NNE	NNW	NNW	NbyW	N	92	108.9	192.3	164.5	557.7	7	A.-Cu.	S.-Cu. NE	10	A.-Cu.	N. N
Mean	.....	.....	.....	.....	.....	.....	156.4	179.4	204.1	175.1	715	8.8	.....	.....	9.2	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22,164.2	....	.....	.....	....	.....	.....

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

FEBRUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.12	59.79	60.96	58.75	59.30	60.42	59.72	23.9	23.3	24	25.2	25.3	23.7	24.2	25.6	22.2	86	89	85	80	78	88	84.3	19.3
2..	59.46	59.48	61	59.03	59.95	61.70	60.10	23.2	23.3	23.6	23.7	23.6	23	23.4	24.6	22	91	89	87	87	87	93	89	18.6
3..	60.39	60.21	62.12	60.13	60.69	62.02	60.93	23	23.3	23.6	23.8	23.6	23.7	23.5	24.5	21.9	93	90	90	91	90	88	90.3	2.3
4..	61	61.15	63.05	60.66	61.28	62.99	61.69	23.3	23.4	23.9	24.2	24.1	23.3	23.7	24.7	22	90	88	91	86	85	90	88.3	6.8
5..	62.09	61.91	63.43	61.26	62.20	63.70	62.43	23	23.5	24.4	24	23.3	23.1	23.6	25.6	21.8	90	87	85	90	94	97	90.5	17.5
6..	63	62.57	63.89	61.81	62.32	63.56	62.86	22.6	23	24	24.7	23.5	23.4	23.5	25.3	21.9	98	92	91	92	91	93	92.8	13.5
7..	62.24	62.37	63	60.83	61.15	62.90	62.08	23.6	23	25.7	27.6	26.8	24.6	25.2	28.8	22	91	91	87	81	82	93	87.5	.....
8..	61.92	62.01	62.67	60.23	60.44	61.88	61.52	23.9	23	26	28	26.5	24.4	25.3	29	21.9	91	89	90	81	88	91	88.3	.....
9..	60.89	61.25	62.39	60.38	60.54	61.80	61.21	22.8	22.4	26.6	26.5	25.5	25.5	24.9	27.3	21.6	98	92	83	79	81	80	85.5	2.8
10..	61.11	62.30	63.39	61.29	61.49	62.74	62.05	24.3	24	24.6	25.1	24.9	24.4	24.6	25.9	22.7	85	80	78	79	80	82	80.7	2.1
11..	62.01	62.59	63.29	60.71	61.23	62.36	62.03	23.7	23	24	24.7	24.8	24.6	24.1	25.2	22	85	87	80	79	81	80	82	.....
12..	61.59	61.62	63.01	60.91	61.61	62.60	61.89	24	24.3	23.5	24.4	24	24.6	24.1	25.2	22.4	83	83	93	88	87	85	86.5	14.5
13..	61.99	62.19	63.59	61.74	63.04	64.32	62.81	23.6	24	23.4	23.9	24.4	23.1	23.7	24.9	21.9	91	87	90	81	74	84	84.5	4.3
14..	63.87	63.16	64.29	62.61	62.52	63.75	63.37	23.4	23.9	22.6	23	23	23.5	23.2	24.6	21.2	79	73	84	80	80	78	79	5.1
15..	62.47	62.90	63.52	61.05	61.15	62.55	62.27	23	23.3	24.2	24.9	24.5	24.2	24	25.2	22	87	89	86	82	88	90	87	4.3
16..	61.26	60.99	62.39	59.81	59.90	60.99	60.89	24.3	24	25.7	26	25.6	24.6	25	27.8	23.3	89	91	86	85	87	92	88.3	7.9
17..	59.69	59.68	61.38	58.51	58.84	59.69	59.63	24	24.2	26	27	26	25.4	25.4	27.8	22.8	91	90	86	80	84	85	86	.....
18..	58.36	58.70	59.64	57.24	57.64	59.06	58.44	25.3	25	26.5	27.5	25.9	25.2	25.5	28.3	23.8	85	88	82	78	85	84	83.7	.....
19..	57.40	57.50	59.12	56.89	57.14	59.13	57.86	25.2	24.5	26.5	26.8	25.4	23.2	25.3	28.2	22	87	92	88	83	88	94	88.7	42.4
20..	59.08	59.34	61.52	60.19	60.68	61.91	60.45	23.5	23.6	24.3	25	25.2	25	24.4	25.3	21.9	90	92	82	76	74	75	81.5	1.3
21..	61	61.96	62.89	61.59	61.59	62.81	61.97	25.1	25	25.2	25.4	25.1	25	25.1	25.7	23.7	74	74	72	71	72	73	72.7	.....
22..	61.71	61.94	62.93	61.28	61.04	62.43	61.89	24.5	24.1	25.6	26.1	25.3	25	25.1	26.7	23.5	75	80	73	72	71	74	74.2	.....
23..	61.20	60.94	61.95	59.88	60.04	60.66	60.78	23.9	24.1	25.5	26	25.6	25.1	25	26.4	23.7	76	78	74	72	74	81	75.8	.....
24..	59.18	59.54	60.98	59.09	58.99	60.04	59.64	25	25	25.5	26	25.5	25.2	25.4	26.8	23.8	76	77	80	76	81	84	79	.....
25..	59.03	59.18	60.89	58.66	58.54	59.76	59.34	25.1	25	24.3	25.8	25.8	25.1	25.2	26.2	22.8	84	85	89	84	83	91	86	13.8
26..	58.81	59.03	59.60	57.61	57.61	59.39	58.68	25	24.7	26.7	27.1	26.3	25.5	25.9	28.7	23.8	90	91	85	83	84	84	86.2	.....
27..	58.21	58.61	59.60	57.30	57.09	58.11	58.15	25.1	25.1	26.6	27.7	26.3	26	26.1	27.9	24.3	97	98	85	82	84	85	88.5	.....
28..	57.12	57.98	59.35	57.62	57.67	59.14	58.15	25.8	25.4	27.7	27.8	26.8	26.1	26.6	29.2	24.5	85	88	76	79	82	85	82.5	8.6
Mean	60.54	60.75	61.99	59.90	60.20	61.51	60.82	24	23.9	25	25.6	25.1	24.5	24.7	26.5	22.6	87.1	86.8	84.2	81.3	82.7	85.7	84.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	185.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NNE	NNE	NNE	NNE	NNE	NNE	125.5	218.6	203.8	190.1	738	10	.....	N. NE	9	A.-Cu.	S.-Cu. NE
2..	NNE	NEbyN	NEbyN	NNE	NEbyN	NEbyN	197.1	209.4	210.3	167.3	784.1	10	A.-Cu.	N. NE	10	A.-Cu.	N. NE
3..	NNE	NNE	NEbyN	NNE	NNE	NNE	138.7	169.1	171.6	139	618.4	10	.....	N. NE	10	.....	N. NE
4..	NNE	NNE	NEbyN	NNE	NNE	NNE	86.1	112.5	164.9	170.1	533.6	10	Ci.-Cu.	S.-Cu. NE	10	.....	N. NE
5..	NNE	NbyE	NNW	NNW	NNW	NNE	110.2	75.8	241.9	289.3	717.2	9	A.-Cu.	N. NE	10	.....	N. N
6..	NNE	NNE	NNE	NW	Calm	NW	264.5	149.6	92.3	51.2	557.6	10	Ci.-Cu.	N. ENE	10	Ci.-Cu.	N. E
7..	Calm	Calm	NWbyN	NW	NNW	WNW	27.2	49.4	118.3	66.5	261.4	8	A.-Cu.	S.-Cu. ESE	3	Ci.	Cu.
8..	SW	SW	NW	NNW	NWbyN	SW	49.4	65.5	77.9	52.5	245.3	3	A.-Cu.	Cu.	4	Ci.	Cu.-N.
9..	SW	WSW	NW	NbyW	NNE	NE	65.8	98.7	168.6	160.4	493.5	5	A.-Cu.	S.-Cu. NW	9	A.-Cu.	S.-Cu. N
10..	N	N	NbyW	NNW	NbyW	NNE	209.7	191.7	180.2	180.2	761.8	10	.....	N. NNE	10	A.-Cu.	S.-Cu. N
11..	N	NbyW	NbyW	NbyW	NEbyN	NE	172.2	178.8	175.7	141	667.7	10	.....	N. NE	10	A.-Cu.	N. NNE
12..	NNE	NbyW	NNE	WNW	Calm	NE	145.8	108.1	68.4	107.6	429.9	10	.....	N. NNE	10	.....	N.
13..	NNE	NNE	N	NNE	NNE	NNE	159.3	266.9	309.1	309	1,044.3	10	.....	N. NNE	10	.....	N. NNE
14..	NNE	NNE	NNE	NNE	NbyE	NbyE	317.4	314.9	314.6	268.1	1,215	10	A.-Cu.	N. NNE	10	.....	N. NNE
15..	NE	NNE	NNE	NbyE	N	NE	222	163.8	144	67.8	597.6	10	A.-Cu.	N. NE	10	Ci.	S.-Cu. NE
16..	NNW	NbyW	NW	NNW	NW	NW	85	80.8	109.4	90.4	365.6	10	A.-Cu.	S.-Cu. NE	8	A.-Cu.	S.-Cu. ENE
17..	SW	NWbyW	NWbyN	NWbyN	N	NbyE	39.6	76.9	100.6	81.3	298.4	10	Ci.	S.-Cu. N	8	A.-Cu.	Cu.
18..	NNE	NNE	NNW	NWbyN	NNW	NW	77.7	40.5	120.5	112.1	350.8	9	A.-Cu.SW	S.-Cu. NW	4	A.-Cu.	Cu.-N.
19..	NNW	NWbyN	NWbyW	NW	NNW	Calm	93	92.2	96.4	49.1	330.7	8	A.-Cu.	S.-Cu. NNE	10	A.-Cu.	S.-Cu. NNW
20..	NW	NEbyN	NNE	NbyE	N	N	124.9	222	257	259.7	863.6	10	.....	N. NNE	10	Ci.-Cu.	N. NE
21..	NNE	NNE	NNE	N	NbyE	N	265	242	220.9	195.7	923.6	10	A.-Cu.	S.-Cu. NNE	10	Ci.-S.	Cu.-N. NNE
22..	N	N	NbyE	NbyE	NbyE	N	174	182.6	171.5	138.2	666.3	9	A.-Cu.	Cu.-N. NNE	6	A.-Cu.	Cu. NNE
23..	N	NbyE	N	NbyE	NNE	N	128.5	137.9	138.2	114.9	519.5	9	Ci.-Cu.	S.-Cu. N	8	Ci.-Cu.	Cu.-N. NNE
24..	N	N	NNW	NNW	NNW	NNE	113.5	116.1	138.4	119.3	487.3	10	Ci.-Cu.	S.-Cu. NNE	9	Ci.-S.	S.-Cu. N
25..	N	NbyE	NbyE	NNE	N	N	135.6	137.1	125	87.4	485.1	10	Ci.-S.	N. N	10	Ci.-S.	S.-Cu. NE
26..	NW	NNE	NNE	N	NbyE	N	60.4	77	122.8	82.4	342.6	4	A.-Cu.	S.-Cu. ENE	4	Ci.	S.-Cu. ENE
27..	N	NbyW	NbyE	N	NNE	N	79.9	90.7	128.5	106	405.1	9	A.-Cu.	S.-Cu. NE	8	Ci.	Cu. NE
28..	N	NNE	NbyE	NW	N	N	66	56.9	143	113	378.9	5	Ci.	S.-Cu. NE	7	Ci.-Cu.	Cu.-N. NNW
Mean	.....	.....	.....	.....	.....	.....	133.4	140.2	161.2	139.6	574.4	8.9	.....	.....	8.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16,082.9	.....	.....	.....	.....	.....	.....

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

MARCH, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.09	58.71	60.18	57.82	57.95	59.04	58.63	26.1	25.1	26.6	28	26.8	26.1	26.4	29.3	23.8	82	88	86	74	82	86	83	.....
2..	58.12	58.65	59.61	57.50	57.49	59.23	58.43	25.9	26	27.8	27.2	26.5	26.2	26.6	28.3	25	84	82	78	81	84	91	83.3	2.3
3..	58.31	58.79	60.02	57.93	57.79	58.81	58.61	26	26	27	28.1	26	26	26.5	28.8	24.7	94	96	86	80	89	90	89.2	1.5
4..	58.30	57.67	58.99	57.29	57.66	59.11	58.17	25.9	25.7	27	27	25	25.7	26	28.2	23.6	90	89	86	84	88	87	87.3	5.3
5..	58.58?	58.52	60.02	57.63	58.10	59.53	58.73	25.4	25.3	26.6	26.1	26	26	25.9	28.2	24.2	87	86	84	86	84	82	84.8	1.5
6..	58.91	59.36	60.28	58.39	58.34	59.43	59.12	25.4	25.6	27.2	27.6	26.9	26.3	26.5	29.6	24.3	88	91	83	79	81	82	84	.....
7..	58.71	59.43	60.58	58.43	58.09	59.44	59.11	26	26	27.9	28	27	26.6	26.9	28.8	25.2	82	82	76	75	79	78	78.7	.....
8..	58.50	58.70	59.69	57.44	57.50	58.76	58.43	25.9	26.1	27.1	27.3	25.5	25.9	26.3	28.7	24.3	85	81	80	77	88	85	82.7	12.2
9..	58	58.13	59.75	57.84	57.74	59.39	58.48	25.6	25.8	27.7	28	26.9	26.6	26.8	29.3	24.7	87	86	79	76	81	83	82	.....
10..	58.17	59.14	60.52	58.22	57.76	59.40	58.87	26	26	27.1	28	27	26.8	26.8	28.8	25.3	86	86	79	77	83	84	82.5	8.9
11..	58.18	58.81	60.21	58.28	58.35	59.47	58.88	25.2	25.5	28.5	28	27	25.7	26.6	28.9	23.3	92	94	76	77	78	93	85	.....
12..	58.50	58.49	59.72	57.68	57.41	58.45	58.38	25.4	26	25.5	26.6	26.2	25.1	25.8	28.3	24.7	88	85	88	87	82	91	86.8	13.9
13..	58.12	58.53	59.96	58.40	58.82	60.14	59	24.9	25.1	24.3	25.2	24	24.7	24.7	26.7	23.3	89	89	93	91	98	95	92.5	31.6
14..	59.29	59.38	60.73	59.43	59.54	60.85	59.87	25	25.1	26.9	27.1	26.6	26.1	26.1	28.8	23.6	93	95	86	86	85	85	88.3	.....
15..	60.10	60.76	62.26	60.16	60.78	61.94	61	25.5	25.1	27.5	27.5	26.4	25.3	26.2	28.8	23.5	88	89	81	77	83	87	84.2	4.1
16..	60.69	60.99	62.03	59.77	59.72	60.95	60.69	25.3	25.2	25.4	27.3	26.1	25.2	25.8	28.6	23.8	83	83	86	77	83	88	83.3	.....
17..	59.90	60.33	61.23	59.25	59.24	61.15	60.18	24.8	24.5	26	25.4	25.1	25.3	25.2	27.9	24.2	89	90	86	95	95	94	91.5	3.8
18..	59.60	60.41	61.74	59.59	59.43	60.87	60.27	25.2	25.1	28.5	27.5	25.9	25.7	26.3	30.2	24.8	89	88	80	81	85	87	85	3.6
19..	59.29	60.04	60.79	58.88	58.93	60.12	59.68	25.6	25.3	26.7	26.6	26	26	26	30.3	25.1	88	92	95	86	92	90	90.5	.....
20..	58.79	59.47	61.31	59.14	59.17	60.89	59.80	25.7	25.5	28.7	28.4	26.9	26.4	26.9	30.7	25.3	92	92	80	78	82	82	84.3	.....
21..	59.72	60.17	61.76	60.03	60.29	61.77	60.62	26	25.6	28.3	28.8	26.9	26.4	27	29.8	25.3	85	87	77	73	79	81	80.3	.....
22..	60.99	61.19	62.43	60.69	60.47	61.87	61.27	25.9	25.7	28	28	26.6	26.4	26.8	29.8	25.3	84	84	74	80	83	82	81.2	2.3
23..	59.99	60.06	61.67	60.09	60.38	60.92	60.52	25.9	25.2	27.1	26.8	23.2	24.8	25.5	29	22	84	87	80	78	90	84	83.8	29.2
24..	59.71	59.69	61.13	59.52	59.72	61.08	60.14	24.7	25	27.7	27.8	25.2	25	25.9	28.8	23.9	83	87	78	77	87	87	83.2	.....
25..	59.90	59.98	61.37	59.63	59.96	61.10	60.32	24.7	25.1	28.9	28.8	24.2	24.3	26	31.8	22	84	83	74	70	98	82	81.8	90.1
26..	59.70	59.78	60.80	59.45	59.91	61.38	60.17	24.6	22.9	26.8	25	23.7	24.1	24.5	29.8	22.3	88	93	82	90	94	96	90.5	17.3
27..	59.80	60.19	61.30	59.72	59.62	61.42	60.34	23.8	22.5	26.8	28.1	27	24.2	25.4	29.9	22.2	97	96	84	78	83	95	88.8	1.8
28..	60.29	60.84	62.53	61.14	61.20	62.77	61.46	25	25.1	26.2	26	25.8	25.6	25.6	27.2	22.8	83	91	84	86	85	83	85.3	.....
29..	61.19	61.66	62.82	60.81	60.57	62.07	61.52	24.4	22.8	27.3	28.5	26.6	26.3	26	29.8	22.1	82	92	81	75	82	82	82.3	1.5
30..	60.61	60.95	61.94	59.57	58.99	60.48	60.42	25.3	25	27.7	29	27	26.1	26.7	29.9	23.7	87	87	74	76	79	83	81	.....
31..	59.09	59.93	61.34	59	59.18	61.45	60	25.6	25.7	28.8	29.8	27.3	26.4	27.3	30.7	25	83	78	68	65	76	79	74.8	.....
Mean	59.26	59.64	60.93	58.99	59.04	60.43	59.71	25.4	25.2	27.2	27.5	26	25.7	26.2	29.2	24	87	88	81.4	79.7	85.1	86.3	84.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	230.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NNW	NNW	NNE	N	N	NbyW	95.2	93.3	108	121.5	418	9	Ci.	N. N	6	Ci.-Cu.ENE	Cu.
2..	NNE	NEbyN	NEbyN	NbyE	NbyW	NNE	122.9	115.6	127.6	105.1	471.2	5	A.-Cu.	Cu.-N. ENE	9	Ci.-Cu.	S.-Cu. NE
3..	NE	NbyW	NNW	NNW	NWbyN	N	86.3	87.9	115.6	80.8	370.6	8	A.-Cu.	S.-Cu.NNE	8	Ci.-Cu. E	S.-Cu. NW
4..	N	NbyW	NbyW	NNE	NNE	NNE	78.3	108.3	142.6	106.8	436	8	A.-Cu.	S.-Cu.NNE	10	.....	N. NE
5..	N	N	NNW	NW	NbyW	N	55.5	85.3	134.5	98.8	374.1	9	A.-Cu.	S.-Cu. E	9	A.-Cu.	N. NNW
6..	NE	NbyW	NbyE	N	NbyE	NNE	74.3	68.6	142.2	134.8	419.9	9	A.-Cu.	S.-Cu.NNE	8	Ci.	Cu. N
7..	NE	NNE	NNE	NbyE	NNE	NEbyN	124.4	122.3	176.5	161.5	584.7	2	Ci.	Cu.-N. NNE	3	Ci.	Cu.
8..	NE	NNE	NE	NEbyN	NNE	NbyE	114.3	160.1	159.8	109.6	543.8	9	A.-Cu.	S.-Cu. NE	9	Ci.-S.	N. ENE
9..	N	NbyW	NE	N	N	NE	81	92.3	114.5	114.8	402.6	7	.....	Cu.-N.NNW	8	Ci.-Cu.	Cu.-N. ENE
10..	NNE	N	NNE	NNE	NNE	N	92	109.2	165.9	152.7	519.8	8	A.-Cu.	S.-Cu.	9	Ci.-S.	S.-Cu. NE
11..	NE	NNW	NE	NNE	NNE	NNE	85.3	115.7	198.9	145.8	545.7	7	A.-Cu.	Cu. NNE	6	A.-Cu.	Cu. ENE
12..	NE	N	NE	NNE	N	ENE	106.4	108.9	134.5	90.9	440.7	9	Ci.-Cu.	N. NNE	6	A.-Cu.	Cu.-N.
13..	NE	NNE	NW	NNW	Calm	NW	82.1	104.3	89.3	79.4	355.1	8	A.-cu.ENE	Cu.-N.	10	Ci.-S.	N. N
14..	NW	N	N	NW	N	NE	91.2	75.4	126.1	108.1	400.8	6	A.-Cu.	Cu.-N.	9	Ci.	Cu.-N.NNW
15..	NE	NE	NE	NE	NE	NE	108.3	131.1	212.2	182.9	634.5	5	A.-Cu.	Cu.-N. NNE	4	Ci.	Cu.
16..	ENE	NE	NE	NE	NE	NE	186.4	182.6	182.3	127.4	678.7	7	A.-Cu.	Cu.-N. ENE	9	A.-Cu.	Cu.-N. NNE
17..	ENE	NE	N	N	N	NE	96.6	104	124.9	82.3	407.8	10	Ci.-S.	N. NNE	10	Ci.-S.	N. NNW
18..	ENE	NE	E	NE	NE	NE	94.4	101.6	143.2	115.4	454.6	8	Ci.-S.	S.-Cu.	8	A.-Cu.	Cu.-N. ENE
19..	ENE	E	NE	NE	N	NE	90.3	61.2	117.7	79.9	349.1	8	Ci.-S.	Cu.-N.	9	A.-Cu.	Cu.-N. ENE
20..	NE	E	Calm	NNE	NNE	NE	63.1	34	126.8	117.8	341.7	7	A.-Cu.	Cu.-N. ENE	4	A.-Cu.	Cu.-N.
21..	ENE	NE	NE	N	NE	NE	109.9	98	148.2	126	482.1	2	.....	Cu.-N. NNE	3	.....	Cu. NNW
22..	ENE	NE	NE	N	NNE	NE	99.2	94.1	144	139.7	477	1	A.-Cu.	Cu.	8	A.-Cu.	Cu.-N.NNW
23..	NE	NE	N	N	S	N	125.8	113.7	159.1	101.6	500.2	7	A.-Cu.	S.-Cu.NNE	10	Ci.-S.	N. NNW
24..	N	NE	NE	N	N	NE	124.4	86.9	145.9	131.1	488.3	4	A.-Cu.	Cu.-N.	9	Ci.-S.	S.-Cu. NNE
25..	ENE	NE	E	N	NNW	N	97.7	52.9	117.7	78.7	347	7	A.-Cu.	Cu.	7	A.-Cu.	Cu. NNW
26..	N	W	N	ENE	NNW	E	74.2	41.6	96.4	94.1	306.3	5	A.-Cu.	Cu.-N. E	10	Ci.-S.	N. NE
27..	E	SW	N	N	NNW	SW	69.8	52.1	74	52	247.9	8	A.-Cu.	S.-Cu. S	3	.....	Cu.-N.
28..	NNW	NNE	NE	NNE	N	N	134.2	197.4	150.9	144.2	626.7	10	Ci.-S.	N. N	10	Ci.-S.	S.-Cu. N
29..	N	WSW	NNW	N	NE	N	66.2	92	103	121.8	383	8	A.-Cu.	Cu.-N. N	3	A.-Cu.	Cu.
30..	N	NNW	N	Calm	NE	NE	152.7	132.9	64.2	111.6	461.4	10	Ci.-S.	N. N	8	A.-Cu.	Cu. NNE
31..	NNE	NNE	N	N	NE	N	95.6	81.1	92	190.2	458.9	8	Ci.-S.	S.-Cu.	3	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	99.3	100.1	133.5	116.4	449.3	7.1	.....	.....	7.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13,928.2	.....	.....	.....	.....	.....	.....

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

APRIL, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	60.22	60.28	61.12	58.86	59.22	60.88	60.10	26.2	25.8	27.2	27.1	26.5	26.4	26.5	28.2	24.6	81	84	81	84	90	89	84.8	33
2	59.48	59.57	60.70	58.87	58.83	59.97	59.57	26.2	25.2	26.6	28.5	27	26.2	26.6	29.3	24.7	85	90	86	78	84	90	85.5	.....
3	58.91	59.04	60.16	58.19	58.02	60.03	59.06	26.2	26.1	28.8	29	27.8	27.2	27.5	30.6	25.7	90	91	79	78	81	82	83.5	.....
4	58.79	59.17	60.33	58.68	58.73	60.13	59.30	26.3	23.7	30.3	30.6	27.7	27.1	27.6	31.3	23.3	86	97	70	62	78	80	78.8	.....
5	59.09	59.38	60.88	58.81	58.40	60.23	59.46	26.8	26.5	29.1	29	27.8	27.3	27.8	30.5	26	81	81	75	76	77	82	78.7	3.6
6	58.61	58.59	59.98	58.05	58.30	60.05	58.93	26.8	26.5	30.7	30.8	26.3	27.3	28.1	32.2	25.5	85	88	69	69	91	88	81.7	.5
7	58.09	58.50	59.78	57.95	57.59	59.39	58.55	27	26.5	29.7	30.3	27.1	26.7	27.9	31.3	25.9	83	84	72	71	83	86	79.8	3.3
8	57.90	57.72	58.76	57.20	57.44	59.30	58.05	26.3	26.2	29.3	27.6	27.1	27.1	27.3	30.8	24.3	90	90	77	83	84	83	84.5	20.3
9	58.10	58.54	59.48	57.69	57.68	59.62	58.52	25.6	26.3	28.7	29.2	26.5	24.9	26.9	30.8	24.5	93	86	78	76	84	92	84.8	.....
10	58.61	58.81	59.96	57.79	57.27	59.08	58.67	24.3	24	29.4	29.7	27.8	26	26.9	31.2	23.1	96	96	75	77	80	85	84.8	2.5
11	57.62	57.86	58.30	56.53	56.95	58.21	57.58	24.8	23.8	28.7	30	23.2	22.8	25.6	31.2	22.5	90	96	80	73	93	97	88.2	35.3
12	56.89	57.26	58.38	56.19	56.28	58.21	57.20	22.5	22.3	29.2	29.8	28.1	24.4	26	31.8	21.8	98	97	78	79	77	93	87	3
13	56.89	57.91	59.28	57.25	56.97	59.13	57.90	23	22.9	29.7	31.6	29	26.3	27.1	32.8	22.2	97	96	79	54	66	82	79	.....
14	58.08	58.67	59.53	57.45	57.81	59.89	58.57	24.1	23.5	30.3	32.6	29.2	25.4	27.5	33.2	23	96	94	75	66	68	90	81.5	.....
15	58.42	58.63	58.96	56.45	56.67	58.78	57.98	24.2	23.4	30.3	23.8	28.6	25.2	27.6	34.1	22.9	93	95	63	59	75	94	79.8	.....
16	56.99	57.56	58.28	56.07	56.22	58.16	57.21	24.6	24	30.6	32.2	28.7	25.2	27.6	34	23.7	93	96	65	53	76	94	79.5	.....
17	57.20	57.53	59	57.15	57.25	58.87	57.83	24.3	24	30.7	26.8	27.6	25.4	26.5	33.1	23.6	95	96	69	89	84	93	87.7	2
18	57.31	58.15	59.32	57.13	57.07	58.94	57.99	24.7	23.8	30.7	30.7	28.5	25.6	27.3	32.8	23.1	96	97	76	71	79	94	85.5	.....
19	57.89	57.87	59.10	57.15	56.93	59.42	58.06	24.6	26.5	30.1	31.6	29	26	28	32.7	23.9	94	86	75	68	77	94	82.3	.....
20	57.32	57.86	58.92	57.04	56.91	58.47	57.75	24.9	23.9	31.3	31.6	29.1	28	28.1	33.3	23.5	96	96	71	66	72	77	79.7	.....
21	57.31	57.46	58.52	56.42	56.54	58.40	57.44	24.3	23.4	30.2	31.8	29	27.5	27.7	32.8	23	96	97	74	59	74	78	79.7	.....
22	57	57.60	58.66	56.61	56.76	58.20	57.47	23.8	23.1	30.2	32.3	29	25.9	27.4	32.8	22.8	91	95	71	63	74	92	81	.....
23	56.71	57.01	58.24	56.76	56.46	58.15	57.22	24.4	23.7	31	32.3	30.2	26	27.9	33.7	23.2	94	95	70	63	71	89	80.3	.....
24	57.12	57.98	59.16	57.12	56.90	59.07	57.89	24.2	23.8	31.3	34.3	29.8	26.3	28.3	35.2	23.1	97	93	73	63	75	90	81.8	.....
25	58	58.14	59.42	57.74	57.62	59.21	58.36	25	25	30.2	29.3	28.8	28.2	27.8	31.5	24.3	97	95	75	79	78	80	84	2.8
26	57.20	57.94	58.98	57.26	57.25	58.38	57.84	27.3	27	30.1	31.3	28.7	28	28.7	32.8	26.6	84	84	71	66	76	79	76.7	.....
27	57.91	57.70	58.91	57.19	57.14	58.21	57.68	26.9	27	29.6	31.7	29.6	25.7	28.4	32.8	24.9	82	80	72	67	72	94	77.8	.....
28	56.29	57.46	58.58	56.55	56.78	58.17	57.30	24.5	23.5	28.7	31.1	28.8	28	27.4	32.6	23	95	95	83	68	79	79	83.2	6.6
29	56.78	57.49	58.25	56.45	56.18	58.08	57.20	27.1	26.1	30.7	31.4	28.8	28.4	28.8	32.6	25.5	83	89	72	68	78	75	77.5	.....
30	55.98	57	58.27	56.85	56.70	58.45	57.21	26.9	25	30.4	29.1	27.4	25.6	27.4	30.8	24.5	83	92	72	78	85	93	83.8	1.3
Mean	57.72	58.16	59.24	57.32	57.31	59.04	58.13	25.3	24.8	29.8	30.6	28.1	26.3	27.5	32.1	24	90.7	91.7	74.2	70.2	78.7	87.1	82.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	84.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	N	N	N	N	191.3	208.6	181	105.2	686.1	10	Ci.-S.	N. NNW	10	Ci.-S.	S.-Cu. NNE
2	NNE	NE	N	N	NNE	NNE	100.1	110.5	135.3	89.9	435.8	8	A.-Cu.	N. ENE	8	A.-Cu.	Cu.-N. NNE
3	N	N	N	N	NNE	NE	64.4	74.8	104.8	65.2	309.2	9	Ci.-S.	S.-Cu.	10	A.-Cu.	Cu.-N. NNE
4	NE	W	Calm	NW	NNE	NE	33.5	34.1	112.9	103	283.5	5	A.-Cu.	S.-Cu.	2	Ci.	Cu.
5	NNE	NE	N	N	N	NE	74.2	93.6	139.2	105.7	412.7	8	Ci.-S.	Cu.-N. E	9	Ci.	Cu. NNE
6	NE	N	NE	N	NW	NE	74.2	63.9	133.1	123.3	394.5	8	Ci.-S.	Cu.-N.NE	3	Ci.	Cu.-N.
7	NE	ENE	NE	NE	N	NE	95.3	67.1	110.8	90.7	363.9	10	Ci.-S.	S.-Cu.	10	A.-Cu.	S.-Cu. NNE
8	NE	N	NE	NNE	NE	NE	88.8	88.2	134.2	97.9	409.1	8	Ci.-S.	N.	10	Ci.-S.	N. NE
9	N	N	N	N	SE	SW	103	77.2	120.4	39.9	340.5	9	A.-Cu.	Cu.-N.NE	9	A.-Cu.	S.-Cu. NNE
10	SW	NNE	N	N	NNW	W	50.5	54.5	91.5	50.2	246.7	5	Ci.-S.	Cu.	7	Ci.	Cu.
11	SW	SW	N	NNW	SW	SW	45.9	43.7	78.3	62	229.9	8	Ci.-S.	cu.-N. NNE	8	Ci.	Cu.-N.
12	SW	SW	NE	Calm	Calm	SW	78.3	49.9	37.8	61.8	227.8	7	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
13	WSW	SW	NE	ESE	SW	SW	83.7	42.8	48.8	60.4	235.7	7	Ci.-S.	Cu.-N.	1	A.-Cu.	Cu.
14	SW	SW	E	NE	W	SW	79.5	44.5	35.2	62	221.2	6	Ci.-S.	Fr.-Cu.	3	Ci.	Cu.-N.
15	WSW	SW	SSW	E	SW	WSW	77	48.6	47.5	59.8	232.9	4	Ci.-S.	Cu.	3	A.-Cu.	Cu.-N.
16	SW	SW	SSW	SW	SW	SW	57.9	46.9	51	68.1	223.9	4	Ci.-S.	S.-Cu.	2	Ci.	Cu.-N.
17	SW	SW	WSW	WSW	Calm	WSW	59.3	42.8	56.8	36.7	195.6	8	Ci.-S.	S.-Cu.	9	A.-Cu.	Cu.-N. W
18	SW	SW	NE	E	Calm	SW	58.4	39.1	54.2	63	214.7	5	Ci.-S. S	Fr.-Cu.	8	Ci.	Cu.-N. ENE
19	SW	NNW	N	N	N	SW	68.2	60.6	73.4	52.8	255	6	Ci.-S.	Cu.-N. N	6	Ci.-S.	Cu.-N.
20	SW	SW	NE	N	NE	N	49.3	45.7	87.9	63.1	246	5	Ci.-S.	Fr.-Cu.	2	Ci.	Cu.-N.
21	SW	SW	N	N	NNE	NE	56.9	82.9	98.7	87.9	326.4	5	Ci.-S.	Cu.	1	Ci.	Cu.
22	SW	SW	N	NW	NE	SW	65.8	64.7	85	58.5	274	6	Ci.-S.	Cu. ESE	3	Ci.	Cu.-N.
23	SW	SW	Calm	NNW	Calm	SW	67.3	28.7	57.3	51.5	204.8	6	Ci.-S.	Cu. NE	2	A.-Cu.	Cu.-N.
24	SW	SW	E	ENE	W	SW	78.3	45.9	37.5	46.9	208.6	7	Ci.-S.	Cu.	2	Ci.-S.	Cu.-N.
25	SW	Calm	NE	N	NE	NE	33.3	103.5	150.7	111.3	398.8	7	Ci.-S.	cu.-N. NNE	9	Ci.-S.	Cu.-N. NNE
26	NE	E	ENE	N	NE	NNE	63.1	65.7	115.3	98.8	342.9	8	Ci.-S.	S.-Cu.	3	A.-Cu.	Cu.
27	Calm	NE	N	NNW	NE	SW	71.3	49.6	60.4	65	246.3	9	Ci.-S.	Cu.-N. N	1	Ci.-S.	Cu.-N.
28	SW	SW	Calm	NNW	NE	NE	82.7	46.4	89.9	86.9	305.9	9	Ci.-S.	Cu.-N.NE	1	Ci.-S.	Cu.
29	NE	Calm	ENE	N	NE	NE	44.5	56.9	128.7	120.7	350.8	8	Ci.-S.	cu.-N. NNE	3	A.-Cu.	Cu. NNE
30	ENE	SW	N	NNW	Calm	W	52.8	53.6	71	36.8	214.2	10	Ci.-S.	Cu.-N. SE	9	A.-Cu.	N. N
Mean	.....	.....	.....	.....	.....	.....	71.6	64.5	91	74.2	301.2	7.2	.....	.....	5.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,037.4	....	.....	.....	....	.....	.....

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

MAY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	56.91	57.61	58.17	56.58	57.37	59.17	57.64	24.4	23.9	31	33.4	29.8	28.6	28.5	34.1	23.5	97	97	66	59	72	75	77.7	.....
2..	56.99	58.17	59.53	57.50	58.02	59.33	58.26	27.6	25	28	30	27.6	27.2	27.6	32.2	24.7	78	94	85	78	86	84	84.2	1
3..	57.21	57.11	59.17	56.47	57.19	58.62	57.63	26.1	25	29.2	27.8	27.1	25.3	26.8	31.2	24.5	90	96	78	83	89	96	88.7	1.3
4..	56.42	57.43	59.05	56.71	56.95	59.12	57.61	24.4	24	31	31.5	27.8	25.7	27.4	33	23.4	97	96	75	69	82	93	85.3	.....
5..	57.72	58.06	59.72	57.67	57.62	59.24	58.34	25.3	25.1	30.2	30.8	28.8	26.3	27.8	32.7	24.2	93	91	76	73	79	93	84.2	.....
6..	57.79	58.15	58.75	56.94	57.74	59.50	58.14	24.7	24	30.6	31.2	28.1	25.3	27.3	33.4	23.5	94	97	78	71	75	92	84.5	.....
7..	57.82	57.96	59.36	57.46	57.47	59.34	58.24	24.5	24.3	29.7	29	27.6	25.5	26.8	30.3	23.7	94	97	77	78	84	93	87.2	.....
8..	57.42	58.07	58.87	57.07	57.37	59.95	58.12	24	23.3	30.1	31.4	29.3	26.4	27.4	32.3	22.8	97	97	75	70	80	88	84.5	1.3
9..	57.84	58.25	58.75	57.01	57.87	59.57	58.22	25.3	24.2	32.2	32.4	29.5	26.5	28.4	34.5	23.7	92	96	63	56	75	89	78.5	.....
10..	57.62	58.23	58.53	56.85	57.40	59.18	57.97	25.1	24.5	31.1	31.4	29.3	26.2	27.9	33.7	23.7	94	94	64	70	71	85	79.7	.....
11..	57.29	57.28	57.77	56.10	56.25	58.15	57.14	24.7	24	32.5	34.3	29.9	26.8	28.7	34.7	23.7	93	93	62	48	71	86	75.5	.....
12..	56.78	57.83	58.81	56.95	57.52	59.10	57.83	25.1	24.2	31.7	33.7	28.6	26.8	28.4	34.2	23.6	92	91	64	62	77	87	78.8	1
13..	58.59	58.55	59.22	57.41	58.33	60.10	58.70	26.1	25.5	32.4	32.9	29.1	26.4	28.7	34.6	24.9	90	92	67	58	77	90	79	.....
14..	58.79	59.58	60.30	58.25	58.63	60.47	59.34	25.1	24.8	31.8	30.8	29.4	26	28	34.2	24.1	97	93	72	72	82	94	85	1.8
15..	59.30	60.08	60.81	58.76	58.73	60.42	59.68	25.2	24.6	30.3	33	30.4	25.2	28.1	34	24.1	94	95	73	64	76	97	83.2	6.9
16..	59.20	59.74	60.41	58.37	58.56	60.63	59.48	24.4	23.5	30.3	32	30.7	28.2	28.2	32.9	23.1	95	96	74	65	64	74	78	.....
17..	58.69	59.43	60.43	58.46	58.52	61.20	59.46	25.9	24	30.7	33	30.5	26	28.4	33.8	23.5	87	96	70	55	65	90	77.2	.....
18..	59	60.01	61.37	59.18	59.23	60.84	59.94	24.2	23.2	31.1	32	29.7	29.1	28.2	32.3	22.8	98	95	62	64	67	71	76.2	.....
19..	58.82	59.35	60.56	58.80	58.49	59.57	59.26	28	26.1	29.6	30.7	29	28.3	28.6	31.3	25.7	77	91	78	70	79	81	79.3	.....
20..	57.30	57.91	58.95	57.68	57.90	59.87	58.27	27.4	24.7	31.4	29	26.7	24.7	27.3	34.3	24.2	84	94	68	69	72	86	78.8	.....
21..	57.12	57.72	58.94	57.03	57.39	59.33	57.92	24.2	23.5	29.3	31.3	28.5	25.1	27	32.8	22.9	88	92	76	67	76	92	81.8	.....
22..	58.32	58.51	59.45	57.84	58.04	59.68	58.64	24.5	24	30.6	29.2	25.5	24.6	26.4	32.8	23.3	95	95	72	73	93	97	87.5	5.6
23..	58.18	58.70	60.22	59.12	59.04	60	59.21	24	24	26.3	26.5	27.1	25	25.5	27.8	23.1	99	96	92	88	83	92	91.7	5.8
24..	58.82	58.77	59.22	57.82	57.92	59.06	58.60	24.2	23.6	29.7	27.7	27.8	25.3	26.4	32.2	22.9	93	95	75	81	76	89	84.8	2.1
25..	58.38	58.51	58.88	57.43	57.37	58.29	58.14	24.4	24.5	28.7	25.3	27.4	25.1	25.9	29.9	23.8	94	95	77	91	84	95	89.3	11.9
26..	58.01	58.17	58.90	57.63	57.67	59.52	58.32	24.4	24.2	30.7	28.3	28.1	25.3	26.8	31.5	23.5	94	94	70	85	85	93	86.8	4.3
27..	58.02	58.92	59.80	58.37	58.37	59.32	58.80	24.4	23.5	29.7	32.1	29.7	27.4	27.8	32.8	23.1	92	97	79	68	77	88	83.5	2.3
28..	58.09	58.25	59.32	58.25	57.11	59.15	58.36	25.5	24.5	29.5	25.5	25	23.5	25.6	31.9	23.2	93	96	76	93	96	97	91.8	15.2
29..	58.08	58.18	58.72	56.41	56.57	58.38	57.72	23.1	23	30.1	32	28.2	25.5	27	32.6	22.4	97	96	77	67	82	93	85.3	.....
30..	57.01	57.72	58.79	57.01	56.88	58.59	57.67	25.1	24.3	29.3	30.7	29.3	26.2	27.5	31.6	24	92	96	79	70	81	93	85.2	.....
31..	57.42	58.26	59.31	58.25	57.86	59.48	58.43	25.1	24.5	30.3	25.9	26	24.6	26.1	32.7	24	95	96	78	93	93	97	92	3.6
Mean	57.90	58.40	59.36	57.59	57.79	59.49	58.42	25	24.2	30.3	30.5	28.4	26.1	27.4	32.7	23.7	92.4	94.8	73.5	71.3	79	89.4	83.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	64.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	SW	SW	NNE	N	NE	69.2	44	98	97.9	309.1	8	Ci.-S.	S.-Cu.	3	A.-Cu.	Cu.-N.
2..	ENE	WSW	NNW	N	NW	N	50.9	115.9	136.9	93.5	397.2	10	Ci.-S.	Cu.-N. N	10	A.-Cu.	S.-Cu. NNW
3..	SW	Calm	NW	Calm	Calm	SW	36.5	49.3	38	37.6	161.4	10	Ci.-S.	Cu.-N.	9	A.-Cu.	S.-Cu.
4..	SW	SW	Calm	E	NW	SW	62	40.8	83.4	46.1	232.3	10	Ci.-S.	S.-Cu.	9	A.-Cu.	Cu.-N.
5..	Calm	WNW	NW	NW	NNW	SW	46.9	98.2	94.6	55.3	295	10	Ci.-S.	S.-Cu.	8	A.-Cu.	Cu. NNW
6..	SW	SW	NNW	N	NW	SW	65.8	57.7	47.7	60.2	231.4	7	Ci.-S.	Cu.	8	A.-Cu.	cu.-N. NNW
7..	SW	SW	N	NW	Calm	SW	64.9	51	72.4	25.7	214	8	A.-Cu.	Cu.-N.	10	A.-Cu.	cu.-N. WNW
8..	SW	SW	Calm	NNW	E	SW	63.4	43.1	54.1	38.6	199.2	7	Ci.-S.	S.-Cu.	5	A.-Cu.	Cu.-N.
9..	SW	SW	SSW	SSW	SW	SW	62.6	48.9	70.3	57.1	238.9	7	Ci.-S.	Cu.	8	Ci.-S.	Cu.
10..	SW	SW	WSW	Calm	SW	SW	71.4	43.5	43.1	43.2	201.2	9	Ci.-S.	S.-Cu.	9	A.-Cu.	Cu.-N.
11..	SW	SW	N	WSW	SSW	SW	64.1	43.1	71.8	35.1	214.1	5	A.-cu. WNW	S.-Cu.	3	A.-Cu.	Cu.-N. W
12..	SW	SW	N	E	SSW	SW	73.2	53.7	45.4	83.1	255.4	7	Ci.-S.	Cu.	8	Ci.-S.	Cu.
13..	SW	Calm	ENE	S	Calm	SW	46.2	37.2	54.4	47.8	185.6	6	Ci.	Cu.	6	Ci.	Cu.-N. E
14..	SW	SW	NE	Calm	Calm	SW	70.8	39.9	26.2	53.9	190.8	3	Ci.	Cu.-N.	7	Ci.-S.	Cu.-N.
15..	SW	SW	N	NW	Calm	SW	58.7	46.5	72.1	78.9	256.2	5	A.-Cu.	Cu.	6	Ci.-S.	Cu.-N.
16..	SW	SW	Calm	NW	N	NE	73.8	38.8	82.4	89.3	284.3	7	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.
17..	SW	SW	N	NW	N	SW	55.2	38.9	80	47.7	221.8	1	Ci.	Cu.	2	Ci.	Cu.-N.
18..	SW	WSW	ENE	N	N	NE	54.9	80.7	127.3	95.6	358.5	5	Ci.	Cu. NNW	3	Ci.	Cu. NNW
19..	NE	SW	NNW	N	NE	NE	60.2	99.6	106.4	99.6	365.8	8	Ci.-S.	cu.-N. ESE	9	A.-Cu.	Cu.-N. NNE
20..	E	SW	Calm	SW	Calm	SW	51.5	35.1	77.9	49.6	214.1	6	Ci.-S.	S.-Cu.	8	A.-Cu.	Cu.-N.
21..	SW	SW	E	NNW	NE	SW	69.2	38.1	62.3	65.4	235	8	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
22..	SW	SW	N	ESE	SW	SW	62.6	63.4	56	69.7	251.7	8	A.-Cu.	Cu.-N.	10	Ci.-S.	N. E
23..	SW	SW	Calm	NW	Calm	SW	68.2	44	27.7	56.8	196.7	9	Ci.-S.	Cu.-N. E	9	A.-Cu.	Cu.
24..	SW	SW	N	S	Calm	SW	70	39.6	19.5	38	167.1	6	Ci.	Cu.-N.	9	A.-Cu.	N.
25..	SW	Calm	Calm	Calm	Calm	SW	51.5	25.1	15.1	37.5	129.2	9	Ci.-S.	cu.-N. ESE	10	A.-Cu.	N.
26..	SW	Calm	SSE	Calm	Calm	SW	55.8	42.3	13.5	41.2	152.8	7	A.-Cu.	Cu.-N.	7	A.-Cu.	S.-Cu.
27..	SW	SW	N	NW	N	N	70	33.3	90.3	56.5	250.1	7	A.-Cu.	Cu.-N.	7	Ci.-S.	Cu.-N.
28..	SW	SW	N	Calm	SW	SW	51.3	67.1	43.5	60.9	222.8	5	A.-Cu.	Cu.-N.	10	Ci.-S.	N. NNE
29..	SW	SW	N	NNW	Calm	SW	77.5	37.8	31.9	57.9	205.1	5	Ci.	Cu.	7	Ci.	Cu.-N.
30..	SW	SW	Calm	Calm	Calm	SW	67.4	47	17.7	34.9	167	7	Ci.-S.	Cu.-N.	9	A.-Cu.	S.-Cu.
31..	SW	SW	N	SW	SW	SW	62.3	29.6	55.5	63.3	210.7	6	Ci.-S.	Cu.	10	Ci.-S.	N.
Mean	.....	.....	.....	.....	.....	.....	61.5	50.7	61.8	58.7	232.7	7	.....	.....	7.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,214.5	....	.....	.....	....	.....	.....

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

JUNE, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.21	58.60	59.56	57.42	57.31	58.70	58.30	24	24	29.4	31.4	28.7	26.4	27.3	33	23.4	97	96	83	65	81	95	86.2	.....
2..	57.99	58.34	58.78	57.19	56.82	58	57.85	25.7	25.3	30.9	28	28.8	25.8	27.4	31	24.6	96	95	69	84	83	97	87.3	.....
3..	57.10	57.25	58.12	56.61	56.67	58	57.29	25.1	24.7	30.3	31.9	29	26.9	28	32.7	24.2	98	97	77	67	82	86	84.5	.....
4..	57.40	57.50	58.13	56.99	57.14	58.79	57.66	25.3	24.6	31.4	29.1	29.1	27.5	27.8	32.9	24.2	92	95	70	78	78	86	83.2	.....
5..	57.60	58.25	59.22	57.99	57.36	59.35	58.30	25.6	24.5	30.3	29.8	30.3	26.3	27.8	32.6	24	94	96	76	73	74	90	83.8	7.6
6..	58.40	59.01	59.57	58.02	57.72	59.57	58.72	25.3	24.5	31.2	30.5	28.7	26	27.7	32.8	24	93	97	75	68	84	87	84	1.8
7..	58.28	58.75	59.22	57.62	57.50	59.45	58.47	24.9	23.9	30.1	31.1	30	24.6	27.4	32.9	23.2	92	97	77	71	72	98	84.5	8.1
8..	58.40	58.83	59.31	57.89	58.13	59.69	58.71	23.9	23.7	30.5	32	25	24.7	26.6	33.6	23	97	97	74	69	88	90	85.8	10.6
9..	58.90	59.08	59.96	58.51	58.12	59.42	59	24	23.2	30.4	31.6	29.7	26.8	27.6	32.9	22.7	93	98	76	68	72	87	82.3	.....
10..	58.41	59.03	59.36	58.12	58.24	59.98	58.86	25	24	30.7	28.5	28	26.6	27.1	33.3	23.3	96	97	70	78	80	80	83.5	10.9
11..	58.18	58.62	59.10	57.40	57.02	58.29	58.10	24.3	23.4	29.9	31.5	29.3	28.5	27.8	33.7	23	91	97	74	69	74	77	80.3	.....
12..	57.31	57.78	58.73	57.37	57.34	58.37	57.82	25.1	24.1	29.8	31.5	26.7	28.1	27.6	32.1	23.6	97	97	76	66	88	84	84.7	4.3
13..	57.09	58.20	58.61	56.95	56.95	58.34	57.69	27.6	24	30.5	32.5	26	25	27.6	33.4	23.6	84	95	71	65	92	96	83.8	17
14..	57.50	58.28	59.08	57.30	57.14	59.09	58.06	24.7	23.5	30.6	30.6	29.5	28.3	27.9	32.9	23.2	96	98	76	68	78	82	83	.....
15..	58.41	58.86	59.43	58.64	58.22	60.08	58.94	25	24	29.8	31.8	29	28.6	28	32.6	23.6	92	95	72	66	78	77	80	.....
16..	58.52	58.48	58.65	57.25	56.66	58.36	57.99	27.8	25.5	31	32.7	29.8	28.8	29.3	33.4	25.1	79	92	72	61	73	78	75.8	.....
17..	57.21	57.65	57.74	56.11	55.82	57.81	57.06	25.9	25.3	31.7	28	29.3	26.3	27.8	33.9	24.7	90	93	74	85	83	89	85.7	11.9
18..	56.80	57.01	58.01	56.32	57.09	58.94	57.36	25	24.3	29	29.7	28.3	24.5	26.8	33.1	23.7	91	94	78	80	87	96	87.7	17.6
19..	57.82	58.75	59.28	58.03	58.29	59.93	58.68	23.9	24.6	28.8	30	28.9	26.3	27.1	31.7	23.4	97	90	71	66	74	89	81.2	1
20..	58.30	59.05	59.45	58.29	58.23	60.04	58.89	25.3	24.5	31.3	30.2	29.5	26.2	27.8	32.8	23.9	93	97	67	70	75	92	82.3	1
21..	58.42	58.45	58.67	57.61	57.72	59.04	58.32	24.8	24.8	30.5	29.4	28.5	26.2	27.4	32.8	23.5	98	95	73	73	78	90	84.5	.3
22..	58.20	58.21	57.89	56.42	56.77	58.40	57.65	23.7	24	30.3	31.1	28.8	25.5	27.2	32.4	23.1	97	97	73	66	84	90	84.5	.....
23..	56.91	57.48	57.76	56.25	56.68	58.69	57.30	24	23.2	30.1	31.8	27.5	26.2	27.1	33.2	22.6	95	93	65	61	70	77	76.8	.....
24..	57.31	57.85	58.43	57.32	57.27	58.33	57.75	24.1	23.4	29.5	30.7	30	26.2	27.3	32.7	22.9	91	93	72	71	73	85	80.8	.....
25..	57.62	57.38	57.50	56.52	56.71	57.91	57.27	24.4	23.2	28.6	28.9	25.8	26	26.2	29.8	22.8	90	94	78	78	87	85	85.3	12.7
26..	56.58	55.72	56.33	55.17	55.61	57	56.07	24.2	25.7	27	29.5	23.8	23.7	25.6	30.7	23.2	95	86	83	66	93	93	86	18.8
27..	56.08	56.83	57.99	57.09	57.31	59.14	57.41	23.5	23.5	26.7	27.5	26.8	25.2	25.5	29.1	22.6	93	96	88	73	82	91	87.2	1.8
28..	58.22	58.47	59.02	58.21	58.68	60.65	58.88	24.4	24	30	31.5	29	26.5	27.6	32.1	23.5	94	97	68	65	76	88	81.3	.....
29..	59.20	59.33	59.50	57.95	58.08	59.60	58.94	25	24	31.5	30	26.5	25.6	27.1	33.2	23.5	92	96	73	73	92	95	86.8	3
30..	58.22	58.31	59.03	57.52	56.86	58.64	58.10	24.3	24.5	31	29.1	28.7	25	27.1	31.7	23.8	97	96	75	79	80	94	86.8	41.1
Mean	57.82	58.18	58.71	57.34	57.32	58.92	58.05	24.9	24.2	30.1	30.4	28.3	26.3	27.4	32.5	23.5	93.3	95.2	74.2	70.7	80.4	88.1	83.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	169.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	SW	Calm	SW	SE	SW	74.8	23	46.4	26.6	170.8	8	A.-Cu.	S.-Cu.	7	A.-Cu.	Cu.-N.
2..	SW	SW	SSE	ESE	Calm	SW	46.9	40	30.9	35.6	153.4	5	Ci.-S.	Fr.-Cu.	9	Ci.-S.	Cu.-N.
3..	SW	SW	N	NW	Calm	SW	58.1	41.8	73.4	34.4	207.7	7	A.-Cu.	Fr.-Cu.	8	Ci.-S.	Cu.-N.
4..	WSW	SW	NE	NNE	NW	NNW	39.4	33.8	66.5	80.8	220.5	3	Ci.	Cu.	7	Ci.	Cu.
5..	SW	SW	N	NW	NNW	SW	42	49.6	62	41.3	194.9	4	Ci.	Cu. ENE	7	Ci.-S.	Cu.-N.
6..	SW	SW	E	SSE	Calm	SW	56.1	45.6	53.3	50.2	205.2	1	Ci.-S.	Cu.	7	Ci.-S.	Fr.-Cu.
7..	SW	SW	E	NW	NNE	SW	67.4	38.3	90.4	77.4	273.5	4	Ci.	S.-Cu.	2	Ci.	Cu.
8..	SW	SW	NNE	E	SW	SW	72.7	38.9	68.6	72.2	252.4	4	A.-Cu.	Cu. E	4	Ci.-S.	Fr.-Cu.
9..	SW	SW	NE	NW	NNE	Calm	68.7	45.6	83.2	48.3	245.8	2	Ci.	Cu.	3	Ci.-S.	Fr.-Cu.
10..	SW	SW	E	SW	Calm	NNW	60.9	46.9	43.7	57.9	209.4	2	Ci.	Cu.	7	Ci.-S.	Cu.-N. E
11..	SW	SW	NE	NNE	NE	E	60	47.3	99.2	81.5	288	4	A.-Cu.	S.-Cu.	8	Ci.-S.	Cu.-N.
12..	SW	SW	Calm	WSW	SW	NE	63.1	41.8	52	99.5	256.4	4	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
13..	ENE	SW	ENE	NW	SW	SW	91.5	55.3	49.6	51.5	247.9	2	Ci.	Cu.	5	Ci.	Cu.-N. E
14..	SW	SW	E	NE	NE	NE	59	49.3	90.9	90.1	289.3	2	Ci.	S.-Cu.	4	Ci.-S.	Cu.
15..	SW	SW	Calm	NW	N	NE	71.9	41.2	99.6	77.5	290.2	1	Ci.	Cu.	6	Ci.-S.	Cu.
16..	NE	SW	NE	NW	N	N	74.6	37.2	85	69	265.8	1	.....	Cu.	1	.....	Cu.
17..	SW	SW	NE	SW	Calm	SW	45.6	34.8	39.2	41.8	161.4	2	A.-Cu.	Cu.	8	Ci.-S.	Cu.-N.
18..	SW	SW	NE	ESE	Calm	WSW	71.3	42.3	42.4	38.3	194.3	4	Ci.-S.	Fr.-Cu.	8	Ci.-S.	Cu.-N.
19..	WSW	SW	SW	SSW	SW	W	48.1	61.4	42.3	30.9	182.7	5	Ci.-Cu.	Cu.	8	Ci.-S.	Cu.
20..	Calm	SW	SSW	SSW	SW	SW	38	45.7	54.9	37.5	176.1	4	A.-Cu.	Cu.	8	Ci.-S.	Cu.
21..	W	SW	WSW	SSW	SSW	W	48.8	49.9	47.5	45.9	192.1	4	Ci.-S.	Cu.	8	Ci.-S.	Cu.
22..	SW	SW	Calm	SW	Calm	SW	56.6	32.8	52.3	56.5	198.2	9	Ci.-S.	S.-Cu.	8	Ci.-S.	Fr.-Cu.
23..	SW	SW	SW	SSW	WSW	E	63.6	54.7	69.8	64.2	252.3	6	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
24..	SW	SW	NE	ENE	N	WSW	63.1	46.4	42.1	65.5	217.1	8	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
25..	SW	SW	NE	N	NNE	Calm	75.8	57.4	96	60.2	289.4	9	Ci.-S.	Cu.-N	10	Ci.-S.	Cu.-N. N
26..	SW	NW	NNE	SSW	SW	Calm	55	51.7	53.6	34	194.3	10	ci.-s. SE by E	Cu.-N. NNE	10	Ci.-S.	Cu.-N.
27..	SW	WSW	SW	SW	SW	SW	60.9	54.7	52.6	49.7	217.9	9	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N.
28..	WSW	W	SW	WSW	Calm	SW	67.3	48.6	43.5	46.9	206.3	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Fr.-Cu.
29..	SW	WSW	E	NW	SW	SW	72.2	50.2	47.2	50.7	220.3	4	Ci.-S.	Cu.	8	Ci.	Cu.-N.SSE
30..	Calm	Calm	E	NW	N	ESE	35.1	33.6	95.6	68.1	232.4	4	Ci.	Cu. NNE	8	Ci.-S.	Cu.-N. N
Mean	.....	.....	.....	.....	.....	.....	60.3	44.7	62.5	56.1	223.5	4.7	.....	.....	7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,706	.....	.....	.....	.....	.....	.....

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

JULY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.22	57.76	58.65	57.40	57	57.92	57.66	24.3	25.8	25.7	26	25.9	26.1	25.6	27.4	23.6	97	91	90	88	83	82	88.5	10
2..	56.92	57.23	57.81	56.45	56.98	58.21	57.27	24.3	23.5	29.2	31.2	28.6	26.3	27.2	31.9	23.1	91	97	70	63	76	87	80.7	.....
3..	56.69	56.88	57.15	55.77	56.02	57.98	56.75	24.6	23.6	30.5	30.9	28	25.8	27.2	32.4	23.1	92	95	73	64	88	93	84.2	.....
4..	55.89	55.85	56.71	55.69	55.37	56.56	56.01	24.9	24	30.5	28.4	28	26.5	27	31.8	23.4	90	91	69	71	82	85	81.3	1.8
5..	55.22	55.11	55.52	54.31	54.24	55.84	55.04	25.7	25.2	30.3	32.2	29.5	27.9	28.5	32.9	23.8	81	82	70	59	64	69	70.8	.....
6..	54.89	55.12	55.51	54.47	54.68	56.87	55.26	25.8	26.3	30.6	32.1	29.9	27.8	28.8	32.7	24.8	77	72	58	60	65	71	67.2	.....
7..	55.42	55.81	56.43	55.60	55.82	57.45	56.09	25.1	25.4	30	31	27.7	26.4	27.6	31.5	23.9	83	82	66	69	76	82	76.3	1.8
8..	55.08	55.73	56.41	56.07	55.32	56.27	55.81	24.3	24	29	27.6	27	25.5	26.2	32.1	23.4	90	91	83	79	80	88	85.2	1.8
9..	55.48	55.73	56.52	54.80	54.93	56.34	55.63	24	22.8	30.5	32.4	26.1	25.4	26.9	33.7	22.4	91	93	66	55	88	91	80.7	3.3
10..	55.32	55.72	56.38	54.54	55.54	56.99	55.75	24.5	24.8	31	31	25.4	25.3	27	33.2	23.2	95	91	63	64	88	91	82	8.9
11..	54.90	55.66	56.42	54.93	55.46	55.77	55.52	25.4	24.7	29.7	30.3	26.3	26.1	27.1	30.9	23.7	86	90	67	66	91	83	80.5	3.8
12..	54.52	55.05	55.29	54.23	55.24	56.46	55.13	25.9	25.1	27.5	28.4	27.6	25.1	26.6	28.8	23.5	81	84	81	75	78	85	80.7	9.1
13..	54.80	54.98	55.96	54.81	56.16	57.11	55.64	25.6	25.8	29.7	30	23.6	23.2	26.3	31.7	22.4	82	81	67	72	99	97	83	15
14..	55.29	55.98	56.54	54.89	55.87	57.56	56.02	23	23.1	30	31.4	28.2	25.8	26.9	32.8	22.2	99	97	70	65	83	93	84.5	1
15..	55.22	56.18	57.35	55.98	56.12	57.54	56.40	24.4	23.3	28.3	29.5	28.4	27.9	27	30.7	22.8	97	97	83	79	80	82	86.3	4.1
16..	55.70	55.55	56.46	54.36	54.62	55.72	55.40	27	27.1	26.7	27.7	25.7	24.7	26.5	28.1	23.7	86	87	90	84	94	92	88.8	33.1
17..	54.41	54.78	56.34	55.40	55.61	56.85	55.56	24	24	26.2	26.5	26.5	24.4	25.3	28.8	23.1	92	91	85	86	88	95	89.5	1
18..	55.01	55.58	56.13	54.93	55.43	57.54	55.77	23.4	23.6	29.3	30	28.5	25.3	26.7	31.3	22.9	97	97	74	65	74	87	82.3	2
19..	55.90	55.74	56.64	56.08	55.97	58.40	56.46	25.2	26.1	29.4	29.7	28.8	25.4	27.4	31.5	24.2	87	86	75	70	77	93	81.3	28.4
20..	57.28	57.03	57.94	57.40	57.26	59.19	57.68	24.6	23.9	30.4	30.9	28.4	26.2	27.4	31.6	23.4	96	97	73	66	78	85	82.5	.5
21..	57.02	57.15	57.76	56.81	57.22	58.79	57.46	25.1	24.2	30.5	31	29	24.8	27.4	33.1	23.8	90	95	74	65	83	92	83.2	.....
22..	58.01	58.23	59.12	57.71	58.12	59.85	58.51	23.7	23	29.1	31.3	27.8	25.7	26.8	32.1	22.1	93	97	74	62	81	91	83	.....
23..	58.62	59.17	59.33	57.94	58.72	59.97	58.96	24.7	24	28.9	31.1	25.4	25	26.5	32.2	23.1	91	93	72	68	92	92	84.7	18
24..	58.39	58.48	59.12	57.99	58.04	58.93	58.49	23.3	23.4	27.5	28	26.1	24.8	25.5	29.6	22.5	98	94	79	78	91	93	88.8	.....
25..	57.88	57.29	57.79	57.11	57.47	58.15	57.62	23.9	22.7	29.4	30	23.6	24.2	25.6	32.5	22.4	94	95	75	64	87	84	83.2	4.1
26..	56.59	56.98	57.74	56.26	56.51	57.60	56.95	23.2	23	29.1	30.3	28.5	25.4	26.6	31.3	22.1	91	96	75	73	71	87	82.2	.....
27..	56.41	56.51	56.43	54.97	54.88	57.10	56.05	24.3	24.1	30	31.9	29	26.9	27.7	32.8	23.3	94	95	71	61	74	74	78.2	.....
28..	54.91	55.20	55.99	54.72	55.39	56.74	55.49	26.1	26.7	29.5	31	26.5	25.8	27.6	32.2	25.5	73	72	75	64	84	88	76	.....
29..	55.01	55.46	56.51	55.59	56.30	57.17	56.01	26.1	26.6	28.5	24.4	27	26.2	26.5	30.3	23.3	85	80	78	87	80	83	82.2	17.1
30..	56.21	55.89	57.12	55.91	56.14	57.48	56.46	25.3	26.6	30.4	31.9	29.2	27.4	28.5	32.7	24.5	88	80	63	59	68	74	72	.....
31..	56.78	57	57.18	56.15	56.44	58.01	56.93	27.1	26.5	30	31.5	29	26.6	28.4	32.5	25.8	76	81	67	63	69	80	72.7	.....
Mean	56.03	56.28	56.98	55.78	56.09	57.50	56.44	24.8	24.6	29.3	30	27.4	25.8	27	31.5	23.4	89.1	89.4	73.4	69.2	81	86.1	81.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	164.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	NNW	NNW	NW	N	NNW	67	151.3	95	93	406.3	10	Ci.-S.	Cu.-N. N	10	Ci.-S.	Cu.-N. N
2..	SW	SW	WSW	SW	S	SW	67.6	48.8	79.4	39.9	235.7	6	Ci.-S.	Cu.	4	Ci.-S.	Fr.-Cu.
3..	SW	SW	WSW	SSW	SW	SW	67.1	48.6	70.8	44.9	231.4	4	Ci.	Cu.	6	Ci.-S.	Cu.-N. SW
4..	WSW	SW	NE	WSW	Calm	Calm	50.9	59.2	45.7	12.9	168.7	7	Ci.-s. EbyS	Cu.	10	Ci.-S.	Cu.-N. SW
5..	SW	Calm	SW	SW	WSW	SW	39.9	80.2	87.4	35.7	243.2	8	A.-Cu. W	S.-Cu.	7	Ci.-S. EbyN	Cu. WSW
6..	W	SW	WSW	SW	SW	Calm	62.2	75.6	66	28.5	232.3	10	Ci.-S.	Cu.-N. N	9	Ci.-S.	Cu.
7..	SW	W	SW	WSW	SSW	SW	48.3	46.2	46.1	33.2	173.8	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.wsw
8..	WSW	SW	SW	NNW	SW	Calm	21.1	48.8	52.6	21.4	143.9	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. W
9..	SW	WSW	WSW	SW	WSW	SW	64.4	56	79.7	68.7	268.8	10	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu. WNW
10..	WSW	WSW	WSW	SSW	SW	W	50.5	53.6	72.9	33.5	210.5	7	A.-Cu.	Cu. W	8	A.-Cu. NWbyW	Cu. W
11..	SW	W	SW	SW	W	WSW	71.6	48.3	52.1	64.7	236.7	9	A.-Cu. WbyN	S.-Cu.	9	Ci.-S.	Cu.-N.
12..	WSW	SW	SW	SSW	Calm	WSW	115.6	78.7	39.9	102.4	336.6	10	Ci.-S.	Cu.-N. W	10	Ci.-S.	Cu.-N. W
13..	SW	Calm	S	SSW	WNW	SW	68.6	71.8	93	46.1	279.5	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
14..	SW	SW	NE	S	NE	Calm	65	36.8	49.9	46.2	197.9	10	Ci.-S.	Cu.-N.	6	Ci.	Cu.-N. S
15..	SW	SW	N	N	NE	NE	52.3	48.6	76.1	97.4	274.4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
16..	N	NNW	N	NW	NW	SW	162.2	204.5	235.7	87.9	690.3	10	Ci.-S.	Cu.-N. N	10	Ci.-S.	N. NNW
17..	SW	SW	WSW	SW	Calm	SW	49.1	94.8	48	30	221.9	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
18..	SW	SW	SSE	SW	Calm	S	52.1	49.7	68.9	41.6	212.3	9	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. S
19..	SW	SSW	SSW	SSW	SSW	NW	61.4	50.9	65	56	233.3	9	Ci.-S.	Cu.	6	Ci.-S. NE	Cu.-N. ssw
20..	Calm	SW	SSW	S	Calm	SW	27.1	39.4	43.1	32.5	142.1	10	Ci.-S.	S.-Cu.	9	A.-Cu.	Cu.
21..	WSW	SW	S	NW	E	SW	36.7	39.7	44.1	63.9	184.4	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. W
22..	WSW	WSW	SSW	SSW	SW	Calm	54.2	44.6	65.8	41.8	206.4	6	A.-Cu.	S.-Cu.	8	Ci.-S. E	Cu.-N.
23..	W	Calm	SW	W	Calm	Calm	42.6	52.5	68.4	33.6	197.1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. W
24..	SW	SW	SW	SW	Calm	Calm	59.8	69.7	64.9	23.9	218.3	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. SW
25..	Calm	SW	Calm	SW	SW	SW	39.6	34.1	62.5	65.8	202	8	Ci.-S.	Cu. W	9	Ci.-S.	Cu.-N.
26..	SW	SW	N	NW	Calm	SW	69.4	50.2	61.8	32	213.4	8	A.-Cu.	Cu.-N.	7	A.-Cu.	Cu.-N. W
27..	SW	SW	NE	WSW	Calm	SW	37.2	37.3	83.2	47.7	205.4	8	Ci.-S.	Cu.-N. WSW	7	Ci.-S. E	Cu.-N. W
28..	Calm	SW	SW	WSW	S	Calm	67.8	70.2	56.5	44.3	238.8	9	Ci.-S.	N.	10	Ci.-S.	Cu.-N.wsw
29..	SW	SW	SW	Calm	Calm	SW	48	79.4	52.6	31.4	211.4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	N.
30..	Calm	SW	WSW	SW	WSW	Calm	[a]18.8	58.7?	75.6	43.7	[a]196.8	8	A.-Cu. NE	S.-Cu.	8	Ci.-S. NE	Cu.-N.wsw
31..	WSW	Calm	SW	WSW	SW	Calm	33.8	69	61.7	40	204.5	10	Ci.-S.	s.-Cu. SSW	8	Ci.-S.	Cu.-N.wsw
Mean	.....	.....	.....	.....	.....	.....	57.2	64.4	69.8	47.9	239.3	8.9	.....	.....	8.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,418.1	....	.....	.....	....	.....	.....

[a] 2 hours missing.

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

AUGUST, 1917.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P. ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	57	57.07	57.62	56.05	56.35	58.48	57.10	26.2	26	27.1	32.2	29.5	26.3	27.9	32.9	24.5	82	84	88	61	78	90	80.5	9.7
2..	56.51	57.32	57.80	56.29	56.45	57.62	57	24.8	24.5	30.7	32.3	29.6	26.9	28.1	33.4	23.3	89	88	70	59	75	86	77.8	.....
3..	57.10	56.68	57.68	56.57	56.27	57.70	57	24.7	24.5	30	30.5	27.8	26.1	27.3	32.4	23.9	96	90	70	59	82	88	80.8	.....
4..	56.20	56.65	57.52	56.46	57.21	58.52	57.09	25	24.7	27.7	28	24	24	25.6	29.9	23.4	92	93	81	78	94	93	88.5	36.6
5..	57.70	57.65	57.97	57.01	57.30	58.90	57.76	24.3	25.5	28.9	29.5	28	25.6	27	31.6	22.9	94	88	73	68	78	90	81.8	.....
6..	57.98	58.46	58.82	57.45	57.53	58.46	58.12	24.2	23.5	31	32.4	29	25.7	27.6	33.6	23	92	96	76	55	76	87	80.3	.....
7..	57.52	57.75	58.14	56.52	57.24	57.73	57.48	24.6	23.6	27.3	30.1	28.1	27.3	26.8	31.1	23.1	90	95	85	73	84	84	85.2	27.4
8..	56.42	56.87	57.58	56.09	56.08	58.21	56.88	26.8	26.4	27.7	28.6	28.4	26.3	27.4	30.4	24.3	87	90	86	80	79	90	85.3	9.9
9..	56.92	57.50	58.15	57.09	57.63	58.55	57.64	26.5	26.4	27.6	26.8	26.4	25.9	26.6	31	24.5	86	89	86	86	92	89	88	4.1
10..	57.40	57.38	57.83	55.57	55.81	56.54	56.76	24	23.4	29.3	29.9	25.9	25.8	26.4	32.2	22.9	95	95	74	76	89	87	86	8.9
11..	55.69	55.80	56.82	55.97	56.48	58.42	56.53	26.5	26.7	30.2	31.5	27.7	25.1	28	32.4	24.4	86	86	69	62	84	95	80.3	.....
12..	56.68	57.56	58.26	56.81	57.23	59.17	57.62	24.6	24.4	29.9	31.3	29.3	27.1	27.8	32.4	23.8	96	97	73	69	83	87	84.2	.....
13..	57.79	58.40	58.75	56.65	56.82	58.48	57.82	25.8	24.1	30.4	32.4	29.5	26.3	28.1	34.6	23.8	88	96	66	65	76	89	80	.....
14..	57.19	57.37	57.83	56.12	56.21	57.32	57.01	25	24	30.2	32.4	29.5	28.9	28.3	33.4	23.5	90	96	70	69	80	83	81.3	.....
15..	55.69	56.52	56.96	55.09	54.81	56.14	55.87	26.6	25.3	31.1	32.2	30.6	26.9	28.8	34.8	24.9	91	96	75	69	72	80	80.5	.....
16..	54.88	54.37	54.50	52.82	52.69	53 54	53.80	25.3	26.4	32.3	34.5	30.4	27.2	29.4	35	24.6	88	77	56	56	70	83	71.7	.....
17..	52.21	52.44	52.77	51.68	51.62	53.63	52.39	27	26.9	30.4	31.5	27.8	27.2	28.5	32.2	26.1	81	81	67	63	78	79	74.8	.....
18..	53	53.49	54.41	54.14	54.44	56.23	54.28	26.4	26.7	29.1	26.6	26.2	26.5	26.9	29.9	25.6	79	79	76	85	88	86	82.2	6.1
19..	55.11	55.71	56.74	55.93	56.09	57.69	56.21	27	27.1	28.5	29.4	28.4	26.8	27.9	31.5	25.5	83	81	75	72	78	86	79.2	25.7
20..	56.80	57.09	57.62	56.59	57.23	59.08	57.40	26.1	25.1	29.3	31.2	28.4	26.7	27.8	32.2	24.6	89	94	75	65	78	85	81	.....
21..	58.32	58.70	59.13	57.90	58.25	59.94	58.71	26	24.7	30.2	31.5	28.8	26.2	27.9	32.9	24.2	85	90	82	63	79	89	81.3	.....
22..	58.99	59.61	60.01	58.16	58.30	60.19	59.21	24.6	23.5	30.4	32	29.6	28.7	28.1	32.7	23	91	96	76	71	81	83	83	.5
23..	58.99	59.14	59.67	58.82	59.06	60.64	59.39	27.1	26.9	30.2	31.4	29.4	28.7	29	32.4	25.8	90	84	80	74	79	82	81.5	.5
24..	59.22	59.88	60.81	59.29	59.74	60.53	59.91	28.1	27.5	30.8	30.8	28.3	25.6	28.5	33.4	24.5	82	84	73	76	82	94	81.8	.....
25..	59.18	60.14	60.15	58.14	58.79	59.80	59.37	24.5	24	30.2	31.5	26.9	25.3	27.1	34.2	23.4	95	97	77	69	87	93	86.3	.....
26..	58.78	58.75	59.04	57.02	57.38	58.55	58.25	24.1	23.6	29.8	33.5	29	26	27.7	34.4	23.1	95	95	77	58	78	88	81.8	.....
27..	57.59	57.95	58.83	56.95	57.18	59.45	57.99	24.7	24	29.8	32.5	30.1	25.8	27.8	33.8	23.4	90	93	75	62	70	90	80	.5
28..	58.52	59.01	59.72	57.32	57.51	59.05	58.52	25.1	24.7	30.6	31.5	29.9	26.4	28	33.4	24 92	94	74	68	73	89	81.7	.....
29..	57.41	57.81	58.26	55.85	55.80	57.25	57.06	25.3	24.3	31.1	33.4	30.1	26.1	28.4	34.5	23.8	89	95	72	64	70	87	79.5	.....
30..	55.70	55.91	56.80	54.89	55.15	57.30	55.96	25.1	24.1	32.8	33.2	30.2	26	28.6	34	23.7	88	95	66	62	74	90	79.2	.....
31..	55.50	55.45	56.49	54.64	54.93	56.71	55.62	25.1	24.3	31.2	28.4	28.5	26	27.2	32.9	23.9	91	95	73	79	81	90	84.8	.....
Mean	56.90	57.24	57.83	56.32	56.57	58.06	57.15	25.5	25.1	29.9	31.1	28.6	26.4	27.8	32.8	24	89.1	90.6	74.7	68	79.6	87.5	81.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	129.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	WSW	SW	SW	Calm	10.8	31.9	66.3	26.9	135.9	7	Ci.-S.	Cu.	4	Ci.	Cu.-N. SW
2..	W	SW	SW	SSW	SW	Calm	31.7	65.7	65.5	32.4	195.3	5	Ci.	Cu.-N. SW	4	Ci.-S. ENE	Cu.
3..	SW	W	WSW	W	NW	W	49.4	49.1	65.8	23.6	187.9	8	Ci.-S. NE	S.-Cu.	10	Ci.-S.	Cu.-N.
4..	WSW	SW	SW	SW	S	Calm	41.6	34.3	63.1	36.8	175.8	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. WSW
5..	Calm	SSW	SW	SW	Calm	SW	34.1	44	48	29.6	155.7	10	Ci.-S.	N.	8	A.-Cu. SE	Cu.
6..	SW	SW	E	SW	Calm	SW	55.3	40.7	46.7	53.6	196.3	5	Ci.-Cu.	S.-Cu.	4	Ci.-S.	Cu. W
7..	SW	SW	NW	N	N	N	69.5	52.9	135.4	112.5	370.3	8	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu. NNE
8..	NNE	NNE	N	NE	NE	N	118.1	113.7	155.8	126.1	513.7	8	Ci.-S.	Cu.-N. NE	8	Ci.-S.	Cu.-N. NE
9..	N	E	N	NW	N	Calm	91.2	69.7	59.3	55.5	275.7	8	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
10..	SW	SW	SW	SW	SW	SW	66.3	55.3	85.1	52.6	259.3	5	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. SW
11..	SW	SW	SW	SW	WSW	SW	82.1	80.8	71.6	50.4	284.9	8	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. SSW
12..	W	WSW	SSW	SW	SW	SW	41.2	58.5	60	47	206.7	7	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. SSW
13..	SW	SW	SW	NE	W	SW	65.5	48.3	27.7	65.8	207.3	9	Ci.-S. E	Cu.	9	Ci.-S.	Cu.-N.
14..	SW	SW	Calm	NW	N	NE	75.8	34.8	97.1	67.3	275	6	Ci.	S.-Cu.	2	Ci.	Cu.
15..	SW	SW	N	Calm	SW	WSW	53.6	34	52.3	46.5	186.4	6	Ci.-S.	Cu.	8	Ci.	Cu.-N. WNW
16..	SW	WSW	NW	NW	Calm	SW	56.5	77.4	85.6	58.5	278	10	Ci.-S.	S.-Cu.	7	Ci.-S. E	Cu. WNW
17..	SW	WSW	WSW	WSW	WSW	WSW	65.5	102.5	130.8	128.7	427.5	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. WSW
18..	SW	SW	SW	SW	SW	SW	98.5	75.3	89.9	86.1	349.8	10	Ci.-S.	N. SW	10	Ci.-S.	Cu.-N. SW
19..	SW	SW	SW	SW	S	WSW	81.6	75.3	71.1	47	275	10	Ci.-S.	Cu.-N. SSW	10	Ci.-S.	Cu.-N. WSW
20..	Calm	SW	SW	S	Calm	SW	.....	[a]20.1	29.6	24.9	[b]74.6	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N.
21..	SW	SW	NE	SSW	SW	SW	55.2	45.3	58.4	40.7	199.6	8	A.-Cu.	S.-Cu.	7	A.-Cu.	Cu.-N.
22..	SW	SW	NW	NNW	N	N	67.1	47.5	92.2	76.6	283.4	6	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.-N.
23..	NE	N	N	NNW	N	N	76.9	62.6	108.4	83.5	331.4	7	Ci.-S	S.-Cu.	6	Ci.-S.	Cu.-N. NEbyN
24..	NE	NE	Calm	N	S	SW	69.2	38.6	54.5	44.3	206.6	5	Ci.-S.	Cu. NNE	8	Ci.-S.	Cu.-N.
25..	SW	SW	N	Calm	Calm	SW	66.8	37.3	37	41	182.1	2	Ci.	Cu.	8	Ci.-S.	Cu.-N.
26..	SW	SW	NE	Calm	Calm	SW	72.4	40.2	35.6	47	195.2	7	Ci.-S.	Cu.	5	Ci.-S.	Fr.-Cu.
27..	SW	SW	Calm	NW	Calm	SW	72.1	43.1	52.8	53.4	221.4	3	Ci.-S.	Cu.	3	Ci.-S.	Cu.
28..	SW	SW	Calm	N	NE	SW	67.1	23.6	54.7	48	193.4	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
29..	SW	SW	Calm	N	NE	SW	71.3	24.4	58.4	45.9	200	5	Ci.-S.	Fr.-Cu.	2	Ci.	Fr.-Cu.
30..	SW	SW	NE	N	NE	SW	66.6	42.8	80.3	52.1	241.8	7	Ci.-S.	Fr.-Cu.	9	Ci.-S.	Cu.-N.
31..	SW	SW	NE	WSW	E	SW	63	48.5	39.6	38.6	189.7	8	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	64.5	52.2	70.3	56.2	241.2	7.3	.....	.....	7.3	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,475.7	.....	.....	.....	.....	.....	.....

[a] 2 hours missing.

[b] 8 hours missing.

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

SEPTEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	55.51	55.76	56.46	55.17	55.49	56.97	55.89	24.7	24.1	31.2	27.7	26.5	25.2	26.6	31.6	23.8	93	96	74	83	95	94	89.2	15.7
2..	55.59	55.92	56.96	55.23	55.70	57.21	56.10	26	25.8	29.4	28.5	27.6	25.3	27.1	29.8	24.2	89	92	74	78	76	89	83	13.2
3..	56.10	56.26	56.89	55.67	56.27	57.39	56.43	24.8	24.9	30	31.3	29.2	26.5	27.8	32.6	23.6	91	92	67	63	78	90	80.2	.5
4..	56.48	56.47	57.22	55.76	55.72	57.30	56.49	26.8	25.4	29.7	31.4	28.4	25.6	27.9	31.7	24.6	86	93	77	72	75	85	81.3	8.2
5..	56.69	56.51	57.05	55.65	56.27	57.77	56.66	24.8	24.1	28	29.6	26.8	24.6	26.3	32.5	23.7	88	92	79	72	80	87	83	.....
6..	56.32	56.92	57.58	56.16	56.65	58.17	56.97	23.8	23	31	31	28	26.9	27.3	32.5	22.4	90	93	75	63	77	84	80.3	.....
7..	56.70	56.87	57.23	55.52	56.03	57.50	56.64	24.2	23.4	29.9	32.3	28.7	26	27.4	32.9	22.9	92	93	67	62	77	89	80	1
8..	55.89	56.13	57.06	55.43	55.71	57.70	56.32	24.9	24.5	29.3	28.5	26	25.1	26.4	31.8	24	95	96	81	77	91	95	89.2	.....
9..	55.78	56.36	58.10	56.02	56.44	57.47	56.70	24.7	24.5	24.7	28.2	27	25.3	25.7	28.4	23.4	93	93	94	83	84	88	89.2	6.6
10..	56.01	56.25	57.37	55.27	55.47	57.16	56.26	24.5	23.9	27.8	28.8	27.3	26.9	26.5	29.9	23.2	92	94	75	69	75	77	80.3	.....
11..	56	56.32	57.57	55.92	56.55	58.92	56.88	26.6	26.5	27.5	29.6	25.5	25.2	26.8	30.3	24.8	79	80	81	71	88	89	81.3	7.1
12..	57.22	57.76	58.36	57.17	57.84	58.95	57.88	25.1	25	30.5	31.4	29	25.9	27.8	32.4	24.1	88	87	65	65	74	86	77.5	.....
13..	57.89	58.57	59.46	58.15	57.62	59.24	58.49	24.7	23.9	30.4	30.1	28.4	28.1	27.6	33.4	23.2	89	95	76	71	78	78	81.2	.5
14..	58.09	58.61	60.05	58.26	58.81	60.08	58.98	25.7	24	26.7	28.5	27.4	27	26.6	29.7	23.5	86	93	87	78	81	82	84.5	14.7
15..	59.12	59.60	59.86	57.85	58.13	59.68	59.04	24.5	23.5	29.3	31.5	28.5	28	27.6	32.2	22.9	91	97	78	68	81	81	82.7	.5
16..	59.02	58.82	58.75	57.27	57.23	58.30	58.23	25.6	24	26	29.3	27.8	27	26.6	30.4	23.5	86	95	90	80	86	88	87.5	7.9
17..	56.90	57.25	58.78	57.35	58.14	59.40	57.97	27	24.3	27.4	27.5	26.4	25.9	26.4	28.5	24	85	97	86	85	90	95	89.7	21
18..	58.41	58.56	60.02	58.11	58.89	60.19	59.03	25.5	24	28.2	28.2	28.2	26	26.7	30.6	23.5	93	96	80	84	81	91	87.5	16.4
19..	59.41	59.45	60	58.21	57.80	59.82	59.12	24.7	23.6	27	29.4	27.8	25	26.2	29.7	23.2	90	97	84	76	83	97	87.8	16.8
20..	58.10	58.72	59.24	57.18	57.40	58.84	58.25	24.9	25.6	28.2	26.4	27.8	27.9	26.8	29.3	23.6	92	89	83	90	86	83	87.2	16.2
21..	57.39	58.31	59.74	58.27	58.95	59.93	58.76	25.6	25	24.4	27.7	25.2	24.9	25.5	29.1	23.7	90	89	96	79	92	89	89.2	25.7
22..	58.80	59.08	59.78	58.28	58.69	59.91	59.09	24.2	23.4	27	27.5	26.2	25	25.6	27.9	22.8	93	97	84	84	89	93	90	16.5
23..	58.21	58.32	58.97	56.76	57.22	58.58	58.01	24.2	23.4	29	30.9	26.5	24.6	26.4	31.4	23	95	97	79	74	88	93	87.7	.....
24..	57.61	58.28	59.03	56.49	56.10	57.67	57.53	24.1	23.8	28.2	28.6	26.5	25	26	30.7	23.4	95	95	84	85	90	92	90.2	2.6
25..	56.62	56.76	57.12	55.48	55.60	57.42	56.50	24.6	24.6	28.5	28.5	27.2	25	26.4	31.1	23.9	94	94	78	75	83	91	85.8	1.5
26..	55.81	56.43	57.47	55.96	57.01	58.29	56.83	24.5	24	28.9	29.5	26.5	25.2	26.4	30.2	23.3	92	95	74	72	89	90	85.3	.8
27..	56.92	57.32	58.15	56.18	56.55	57.94	57.18	24.7	24	26	30.5	26.8	25	26.2	31.7	23.5	92	94	93	72	86	89	87.7	4.1
28..	56.78	55.78	57.19	55.83	56.03	58.22	56.64	24.3	24.8	30.1	27.1	26.5	25.9	26.4	31.7	23.6	93	89	67	87	90	84	85	2.3
29..	57.02	56.55	58.02	56.20	56.92	58.64	57.22	25.6	25.5	28.1	30.4	27.5	25.2	27	30.9	24.3	87	88	85	71	79	91	83.5	.8
30..	57.28	57.52	58.57	56.81	57.34	59.45	57.83	24.6	24.3	28.9	28.2	28	26	26.7	32.5	23.9	93	95	78	80	77	84	84.5	.....
Mean	57.12	57.38	58.27	56.59	56.95	58.47	57.46	25	24.4	28.4	29.3	27.3	25.8	26.7	30.9	23.6	90.4	93.1	79.7	75.6	83.3	88.1	85	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	200.6

Day.	Wind.												Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	SW	E	SE	SW	SW	57.9	39.4	39.6	33.3	170.2	8	Ci.-S.	Cu.-N. ESE	10	Ci.-S.	Cu.-N. NE
2..	SSW	Calm	SSW	SSW	SW	Calm	44.8	41.3	68.6	28	182.7	10	Ci.-S.	Cu.-N. SSW	10	Ci.-S.	Cu.-N. S
3..	SW	SE	S	SW	Calm	SW	29.3	79.5	52.3	22.3	183 4	5	A.-Cu. EbyS	S.-Cu.	8	Ci.-S.	C.-N. SW
4..	SW	SW	NE	NE	Calm	Calm	32.7	27.7	15.5	25.5	101.4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
5..	Calm	SW	Calm	WNW	WSW	SW	35.1	21.7	49.9	66.5	173.2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. NW
6..	SW	SW	ENE	SSW	SW	Calm	75.6	45.1	75.3	35.1	231.1	5	A.-Cu. E	S.-Cu.	8	Ci.-S.	Cu.-N. SSW
7..	SW	SW	SW	SW	SW	W	46.7	48.6	69.4	20.9	185.6	5	A.-Cu.	Cu.	7	Ci.-S.	Cu.-N.
8..	SW	Calm	NE	S	SW	SW	35.9	18.5	44.8	61.7	160.9	9	Ci.-S.	Fr.-Cu.	10	Ci.-S.	Cu.-N.
9..	SW	SW	SW	SW	SW	WSW	68.1	54.4	47.8	48.9	219.2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
10..	SW	SW	SW	SW	WSW	WSW	41	89.9	96.6	93.6	321.1	10	Ci.-S.	Cu.-N. W	10	Ci.-S.	S.-Cu.
11..	WSW	SW	S	SW	SW	SW	97.7	69.2	76.9	42.8	286.6	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N. SW
12..	Calm	Calm	SW	S	Calm	W	18	42.3	39.4	35.6	135.3	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
13..	SW	SW	E	SW	Calm	NE	63.3	43.3	31.2	49.7	187.5	5	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. NE
14..	SW	SW	NW	NW	N	NE	44	61.8	111	56.8	273.6	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. N
15..	SW	SW	NNW	NW	NE	E	[a]12.1	58.7	89.3	61.4	[a]221.5	5	Ci.	Fr.-Cu. E	7	Ci.-S.	Cu.
16..	NNW	SW	NW	N	NNE	NE	56.6	54.5	117.7	81.6	310.4	8	A.-Cu. E	Cu.-N.	10	A.-Cu. SE	Cu.-N. NNE
17..	NE	SW	N	N	N	N	55.3	60.2	131.8	93.3	340.6	10	Ci.-S. NEbyE	Cu.-N.	10	Ci.-S.	Cu.-N.
18..	Calm	W	NNW	NNW	N	E	44.8	93.1	108	67.3	313.2	5	Ci.-S.	Fr.-Cu.	10	Ci.-S.	Cu.-N. NE
19..	Calm	Calm	NE	N	NNE	NE	26.2	41	100	142.4	309.6	10	Ci.-S.	N.	10	Ci.-S.	N.
20..	N	NW	N	SW	N	NE	93.6	107.6	88.8	91.7	381.7	10	Ci.-S.	N. NEbyN	10	Ci.-S.	N.
21..	Calm	WNW	Calm	N	Calm	SW	78.1	27.2	87.7	40.2	233.2	10	Ci.-S.	N. N	8	Ci.-S.	N. NbyE
22..	SW	SW	N	Calm	NW	E	54.7	39.2	38.8	20.7	153.4	5	Ci.-S. SEbyE	Cu.	10	Ci.-S.	Cu.-N.
23..	SW	SW	Calm	NNW	SW	SW	36.5	29.3	55.8	49.3	170.9	9	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
24..	SW	SW	Calm	E	Calm	SW	56.3	39.9	35.7	52.8	184.7	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
25..	SW	N	NE	NW	Calm	SW	45.9	25.4	55.5	43.7	170.5	8	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
26..	SW	SW	N	NW	NW	SW	49.4	63.6	93	36.7	242.7	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.NbyW
27..	WSW	SW	Calm	Calm	Calm	SW	48.3	40.7	30	51.5	170.5	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
28..	SW	SW	SW	WSW	Calm	SW	57.9	66	38	26.4	188.3	8	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
29..	SSW	SW	NE	SSW	SW	SW	22.5	24.7	57.3	42.4	146.9	10	Ci.-S.	Cu.-N. SSW	10	Ci.-S.	S.-Cu. SW
30..	SW	SW	Calm	NW	SW	Calm	57.3	38.9	51.2	44.8	192.2	10	Ci.-S.	S.-Cu.	8	A.-Cu. NW	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	49.5	49.8	66.6	52.2	218.1	8.5	.....	.....	9.2	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,542.1	....	.....	.....	....	.....	.....

[a] 4 hours missing.

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

OCTOBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	58.40	58.83	59.94	57.23	57.63	59.55	58.60	24.9	23.2	30	30.1	27.1	24.9	26.7	31.7	22.8	84	95	76	69	83	91	83	8.9
2..	58.31	58.64	55.47	57.28	57.38	59.39	58.41	23.9	23.	28.4	29.3	27.7	24.3	26.1	30.4	22.7	94	97	79	76	83	98	87.8	38.9
3..	57.52	58.08	58.84	56.78	57.14	58.69	57.84	23.8	23.1	28.5	30.3	28.3	27.7	27	31.2	22.7	98	97	81	75	82	83	86	.....
4..	56.72	57.21	57.63	56.13	56.70	57.12	56.92	25.5	24.5	29.8	28.5	25.1	24.7	26.4	31.2	23.7	89	92	73	75	93	93	85.8	38.4
5..	55.28	55.76	56.27	54.35	54.36	55.20	55.20	24.3	24.5	24.9	24.9	24.4	24.2	24.5	25.5	23.5	94	93	93	92	97	95	94	58.6
6..	53.08	53.55	53.94	51.21	51.56	53.13	52.74	24.1	24	24.6	26.5	25.5	24.8	24.9	26.9	23.3	95	96	96	90	91	94	93.7	5
7..	51.32	51.71	52.95	51.04	52.10	53.98	52.18	25.5	25.8	28.6	29.7	27.2	26.8	27.3	31.1	24.8	89	88	80	73	80	78	81.3	.....
8..	52.61	53.11	55.17	53.22	54.77	56.22	54.18	26.2	26.4	29.4	28.7	24.5	23.7	26.5	30.4	23.4	84	82	74	76	91	94	83.5	9.1
9..	55.38	56.51	57.86	56.50	56.97	58.22	56.91	23.3	23.1	27.8	26	24	23.9	24.7	28.4	22.6	96	95	76	87	93	94	90.2	6.9
10..	57.02	57.21	58.55	56.40	57.81	58.91	57.65	23.7	23.4	28.9	28.6	24.6	24.1	25.6	29.9	22.8	95	97	77	83	92	95	89.8	4.3
11..	58.11	58.86	59.28	57.47	58.54	60.23	58.75	24.1	24	28.3	29.4	25.5	24.2	25.9	30.2	23.5	94	96	82	78	92	97	89.8	9.9
12..	58.58	58.88	60.17	58.40	58.63	60.22	59.15	23.7	23.5	28.4	28.3	27.9	27	26.5	30.4	22.9	98	97	82	79	82	83	86.8	2.3
13..	59.30	59.53	60.44	58.77	59.43	60.49	59.66	24.7	24	29.8	27.9	24.5	24	25.8	30.7	23	93	96	76	80	95	96	89.3	12.2
14..	59.50	59.54	60.69	57.95	58.15	60.36	59.36	23.3	23	26.9	28.5	27.8	25	25.8	30.1	22.5	97	97	90	82	85	93	90.7	16.8
15..	58.80	58.93	59.91	57.71	57.94	59.81	58.85	24.1	23.2	28.3	29.2	27.9	23.9	26.1	30.6	22.8	96	97	82	78	82	97	88.7	26.7
16..	58.12	58.68	59.54	57.27	57.32	58.91	58.31	24.4	24.5	26.8	27.6	27.6	26.1	26.2	28.1	24	94	95	87	84	87	92	89.8	4.8
17..	57.72	56.85	58	56.06	57.07	58.51	57.37	25.1	25.6	27.6	26.2	26.2	24.6	25.9	29.6	23.5	93	89	82	90	86	94	89	19
18..	57.08	57.12	58.09	56.70	57.14	58.42	57.42	25.1	25.6	27.4	25.4	25.9	25.7	25.8	28.1	24.2	92	89	85	88	90	91	89.2	3.6
19..	57.52	57.56	58.54	56.64	57.29	58.31	57.64	25.7	26	26	27	26.6	26.9	26.4	28.7	24.6	92	90	82	88	86	83	86.8	9.9
20..	57.10	58	58.85	56.68	57.02	58.56	57.70	26.2	25.6	27.3	28.3	27.7	26.2	26.9	29.7	24	86	88	84	80	84	89	85.2	.....
21..	57.29	57.95	58.98	56.70	57.23	59.02	57.86	25.7	25.6	27.5	29.2	27.1	25.5	26.8	30.7	24.6	89	91	87	78	87	90	87	3.8
22..	57.42	58.26	58.68	56.93	57.94	59.26	58.08	25.3	24.5	27.6	29	26.1	24.9	26.2	30.2	24	88	92	84	81	89	93	87.8	10.7
23..	58.02	58.77	59.62	57.35	57.83	59.27	58.48	24.3	24	27.7	28.2	26.9	25.4	26.1	30.6	23.5	95	97	85	82	90	95	90.7	3.1
24..	58.32	58.60	59.27	57.42	57.74	58.83	58.36	24.6	25.7	28.8	28.7	27.7	27.3	27.1	31.4	23.9	98	94	84	81	87	87	88.5	.....
25..	57.51	58.52	58.88	56.67	57.34	58.69	57.94	27.3	24.5	29.5	29.2	28	27.5	27.7	30.9	24.1	84	97	75	78	87	88	84.8	2
26..	56.81	57.69	58.26	56.08	56.68	58.03	57.26	26.7	25	29	30.6	28	27.3	27.8	31.4	24.5	91	92	81	74	83	85	84.3	.....
27..	56.20	56.85	58.19	56.01	56.63	58.02	56.98	27.2	24.8	29.4	26.4	26.8	24.6	26.5	30.5	23.5	83	93	80	90	86	95	87.8	4.1
28..	56.51	58.39	59.22	57.34	58.14	59.60	58.20	23.7	23	29.2	30.8	28.4	27.6	27.1	31.8	22.5	97	98	73	70	77	82	82.8	.....
29..	58.69	59.19	60.19	58.44	58.79	60.09	59.23	27.2	27	29.1	27.7	27.6	26.7	27.6	30.6	26	84	85	76	79	85	88	82.8	5.6
30..	58.49	58.79	59.99	58.03	58.54	59.40	58.87	26.7	26.5	28.4	27.5	27	26.9	27.2	29.8	25.1	87	85	78	82	85	85	83.7	.....
31..	57.69	58.07	58.87	57.11	57.25	58.67	57.94	26.5	26.7	29	29.1	27.9	25.2	27.4	29.9	24	87	86	79	74	83	95	84	32.7
Mean	57.11	57.60	58.53	56.51	57.07	58.49	57.55	25.1	24.6	28.2	28.3	26.7	25.5	26.4	30	23.6	91.5	92.8	81.3	80.4	86.9	90.7	87.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	337.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	SW	NNE	SW	S	Calm	71.9	45.9	43.5	47.2	208.5	7	A.-Cu.	S.-Cu.	9	Ci.-S.	Cu.-N.
2..	SW	SW	Calm	N	NNW	Calm	58.1	35.9	100.3	38.9	233.2	7	Ci.-S.	S.-Cu.	9	A.-Cu.	Cu.-N.
3..	SW	SW	NNW	NW	N	N	48.1	76.2	107.8	108.8	340.9	7	Ci.-S.	Cu.-N. N	8	Ci.-S.	Cu.
4..	SW	SW	NW	N	NW	Calm	48.5	70	87.2	39.6	245.3	9	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
5..	Calm	WbyS	SW	SW	SW	Calm	29.6	30.6	31.1	36.5	127.8	10	Ci.-S.	N.	10	Ci.-S.	S.-Cu. NNW
6..	SW	swbyw	WSW	SW	SW	SW	59.2	55	106.4	59.3	279.9	10	Ci.-S.	N. WNW	10	Ci.-S.	S.-Cu.
7..	SW	WSW	SW	SW	SW	SW	90.7	121.8	140	140.6	493.1	10	Ci.-S.	Cu.-N.WSW	10	Ci.-S.	Cu.-N. WSW
8..	SW	SSW	SW	SW	WSW	Calm	53.1	104	77	45.7	279.8	9	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N.
9..	Calm	Calm	N	NNW	SW	SW	43.5	43.1	49.3	56.8	192.7	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
10..	SW	SW	E	EbyN	SW	SW	66	37.8	54.1	44.8	202.7	8	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
11..	SW	SW	E	NNW	Calm	SW	39.9	28	42.4	54.7	165	10	Ci.-S.	N. S	10	Ci.-S.	Cu.-N. SSE
12..	SW	SW	N	NE	NEbyN	NE	62.2	34.6	86.6	62.5	245.9	5	A.-Cu.	Fr.-Cu.	9	Ci.-S.	S.-Cu. NEbyE
13..	SW	SW	NE	NbyE	SW	SW	48.5	68.7	96.1	56.9	270.2	8	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. ENE
14..	SW	SW	N	Calm	N	NNW	66.5	40.5	37.8	49.9	194.7	7	A.-Cu. E	S.-Cu.	7	Ci.-S.	Cu.
15..	SW	SW	N	NW	N	NW	35.7	52.5	68.1	76.2	232.5	8	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
16..	W	Calm	N	NNW	N	N	46.2	43.1	104.6	133.1	327	9	Ci.-S.	N. ENE	10	Ci.-S.	N.
17..	NNE	NNE	NE	NNE	NE	N	111.5	113.5	111.2	156.4	492.6	9	Ci.-S.	Cu.-N. NNE	10	Ci.-S.	Cu.-N. NE
18..	NE	NNE	N	NNW	NNW	NNE	138.6	125.2	138.9	123.3	526	10	Ci.-S.	N. NNE	10	Ci.-S.	N.
19..	N	NNW	N	N	NE	NE	113.8	113.8	145.6	95.5	468.7	10	Ci.-S.	N. N	9	Ci.-S.	Cu.-N. N
20..	Calm	N	NNW	NNW	NE	N	59.8	100.1	99.5	64.1	323.5	7	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N. NNE
21..	NNW	NW	NW	N	N	Calm	85	86.9	122.9	63.9	358.7	9	Ci.-S.	cu.-N. ENE	8	Ci.-S.	Cu.-N. N
22..	WSW	NW	NW	NW	NW	SW	88.2	54.7	69.8	47.7	260.4	10	Ci.-S.	N. N	9	Ci.-S.	Cu.-N.
23..	NNW	Calm	Calm	N	NW	NW	32.8	15.3	60.6	45.9	154.6	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
24..	Calm	NNE	Calm	NNW	N	N	44.1	26.9	99.2	96.8	267	9	Ci.-S.	Fr.-Cu.	9	Ci.-S.	Cu.-N.
25..	E	SW	Calm	N	N	N	42.1	32.7	100.1	104.9	279.8	6	Ci.-S.	Fr.-Cu.	9	Ci.-S.	S.-Cu.
26..	NW	Calm	N	N	N	NE	50.5	56	113.7	99.8	320	7	A.-Cu. N	Cu.-N.	5	Ci.-S.	Cu.
27..	ENE	SW	N	NNE	Calm	SW	50.7	46.9	39.4	42.8	179.8	8	A.-Cu.	S.-Cu.	10	Ci.-S.	Cu.-N.
28..	SW	SW	Calm	N	NE	NE	59.2	28	88.7	80.3	256.2	4	A.-Cu.	Cu.	5	Ci.-Cu.	Cu.-N.
29..	NE	NE	NNE	ESE	NE	N	72.9	87.1	90.3	95.3	345.6	2	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. NNE
30..	NE	ENE	E	NE	NNE	NE	88.5	97.2	127.1	101.6	414.4	9	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Cu.-N.
31..	NE	NE	NE	NE	NE	NE	109.2	120.7	192.5	123.3	545.7	2	Ci.	Fr.-Cu.	8	Ci.-S.	Cu.-N. N
Mean	.....	.....	.....	.....	.....	.....	65	64.3	91.3	77.2	297.8	7.9	.....	.....	9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,232.2	....	.....	.....	....	.....	.....

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

NOVEMBER, 1917.

Day	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.39	57.64	58.84	56.94	57.02	58.10	57.66	26.1	25.9	27.9	28.3	27.5	27.3	27.2	29.4	25.1	86	85	80	80	84	84	83.2	5.8
2..	56.90	57.67	59.25	57.37	57.65	58.65	57.92	26.3	25.8	27.4	27.8	27.7	27.2	27	29.6	24.5	90	92	87	80	84	87	86.7	.....
3..	57.50	58.14	59.16	57.66	58.29	59.09	58.31	27.1	26.8	28.5	28.2	27.2	26.8	27.4	29.4	26.3	87	86	81	80	81	83	83	.....
4..	58.31	58.86	59.83	58.49	58.98	60.20	59.11	26.9	26.4	27.7	28.1	27.7	27.3	27.4	29.2	25.9	85	86	83	85	83	84	84.3	.....
5..	59	59.79	60.72	58.32	58.76	60.59	59.53	27.1	26.9	28.9	28.5	26.4	25	27.1	29.7	24.2	84	83	77	81	86	91	83.7	16.5
6..	58.62	59.64	61.52	59.14	59.05	60.35	59.72	25.2	26	26	26.2	26.5	26.6	26.1	27.1	24.9	90	85	85	86	85	83	85.7	1.8
7..	59.01	59.62	60.83	59.02	59.64	60.86	57.83	26.2	25.9	26.2	26.4	25.5	25.4	25.9	26.8	24.9	85	87	86	88	87	88	86.8	2.1
8..	59.28	59.68	60.87	59.49	59.44	59.73	59.75	25.8	26	28	26.4	24.9	26	26.2	28.8	22.1	90	91	77	83	95	89	87.5	25.4
9..	58.32	58.35	58.84	56.54	56.22	57.31	57.60	26	26.2	26.8	27	26	26.2	26.4	27.3	23.4	89	89	87	85	94	90	89	29.9
10..	56.52	57.42	58.68	56.64	57.45	59.14	57.64	25.6	24.3	28.5	29.5	27.6	26.5	27	31.1	23.6	87	93	80	77	84	88	84.8	.....
11..	57.29	57.67	59.04	57.39	58.33	59.62	58.22	26.2	26.4	27.2	28	26.7	26.8	26.9	29.2	24.8	95	87	85	81	84	85	86.2	29.2
12..	58.34	58.99	60.39	58.17	58.70	60.70	59.22	25.9	26	25.9	26.7	26.8	26.4	26.3	27.2	24.7	85	86	88	81	78	81	83.2	8.6
13..	59.11	60.08	60.95	59.07	59.32	60.32	59.81	25	25.5	27.1	26.9	26.6	26.6	26.3	27.8	24	90	87	78	77	83	83	83	6.4
14..	58.51	58.51	59.80	57.59	57.60	58.57	58.43	25.8	26	27	26.6	26.9	26.2	26.4	27.7	24.5	87	87	77	86	80	85	83.7	6.9
15..	57.42	57.74	59.17	56.81	57.18	58.01	57.72	25.3	26.5	26.9	27.4	26.9	26.7	26.6	28	24.5	91	84	83	79	81	82	83.3	1.8
16..	57.49	58.04	58.59	57.02	58.07	59.27	58.08	26.1	26.3	26.7	24.8	24.4	25	25.6	27	23.5	85	82	83	94	93	89	87.7	49.3
17..	58.01	58.35	58.88	57.11	57.65	58.45	58.08	24.1	24.5	25	25.4	25.3	25.4	25	26	23.5	96	93	91	84	88	88	90	28.2
18..	57.11	57.76	58.66	56.90	57.88	58.26	57.76	25.2	25.2	25.1	24.8	23.8	24.8	24.8	26.3	23.3	90	90	95	90	95	88	91.3	43.4
19..	57.12	57.22	58.50	56.75	57.05	58.42	57.51	24.4	23.9	27	25.9	25.4	25.2	25.3	29.3	23.5	93	97	88	93	92	92	92.5	18.8
20..	57.39	58.21	59.39	57.44	58.23	59.70	58.39	25.1	24.5	27.6	27.6	26.2	25.2	26	28.8	24	92	96	84	84	90	92	89.7	.5
21..	58.21	59.45	60.33	58.51	59.32	60.63	59.41	24.7	25.2	26.4	27.4	25.8	25.7	25.9	27.7	23.3	97	92	90	91	91	90	91.8	31.8
22..	59.26	59.61	60.68	58.66	59.16	60.15	59.59	25.3	25.2	25.8	26.7	24.7	25.6	25.6	27.3	23.7	93	95	89	86	91	88	90.3	87.8
23..	58.52	58.38	59.79	57.20	58.10	59.55	58.59	25.7	25.4	27	27.4	25.5	25.2	26	28.3	24.5	88	93	83	81	91	92	88	3.8
24..	58.12	58.11	58.74	56.80	57.29	58.52	57.93	25.2	25.3	26.8	26.8	26.3	26.2	26.1	27.8	24.4	92	90	86	87	90	89	89	3.3
25..	57.02	57.80	59.04	57.14	58.12	59.33	58.08	25.2	25	25.8	26.1	25.9	24.8	25.5	26.8	23.8	92	93	91	87	88	93	90.7	8.4
26..	57.78	58.22	59.42	57.25	58.40	59.30	58.40	24.1	22.8	26.9	28.5	24.6	25.2	25.4	29.1	22.1	91	96	89	82	94	90	90.3	2.1
27..	58.38	58.46	59.35	56.92	57.74	59.12	58.33	25	25	27.2	28.3	26.9	25.2	26.3	29.1	24	92	92	87	82	88	93	89	1.3
28..	58.51	59.30	60.54	58.82	59.20	60.37	59.46	24.3	24.8	27	27.7	26.7	26	26.1	28.3	23.4	97	93	86	84	89	89	89.7	7.1
29..	59.08	60.14	61.39	59.68	60.45	61.49	60.37	24.6	23.8	27.6	28.5	27.1	26.8	26.4	29.4	23.3	93	96	84	80	83	80	86	2.3
30..	60.39	60.34	61.54	59.34	59.15	60.62	60.23	25.9	25	24.9	27.8	26.7	25.5	26	28.6	24.1	85	92	94	79	86	89	87.5	19.1
Mean	58.13	58.64	59.76	57.81	58.31	59.48	58.69	25.5	25.4	26.9	27.2	26.2	26	26.2	28.3	24.1	89.9	89.9	85.1	83.8	87.3	87.5	87.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	441.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	NE	N	N	NE	NE	63.4	90.1	110	126.8	390.3	5	Ci.-S.	Cu.-N. NE	7	Ci.-S.	Cu.-N.
2..	NE	ENE	N	NE	NE	NE	101.2	85.8	110	99.2	396.2	10	Ci.-S.	Cu.-N. NE	6	A.-Cu.	Cu. NE
3..	NE	NNE	ENE	NE	NE	NE	104.6	139.5	150.7	119.6	514.4	6	A.-Cu.	Fr.-Cu.	10	Ci.-S.	Cu.-N. ENE
4..	ENE	NE	NE	NNE	NE	NE	88.8	53.4	130.8	117	390	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. NNE
5..	ENE	NNE	NE	NE	NE	ENE	85.1	118.6	182	161.1	546.8	9	Ci.-S.	Cu	9	Ci.-S.	Cu.-N. NNE
6..	ENE	ENE	E	NE	NE	ENE	67.3	119.9	110	150.3	447.5	10	Ci.-S.	cu.-N. ENE	10	Ci.-S.	Cu.-N. NE
7..	NE	NE	E	NE	NE	NE	139.5	113.2	136.8	91.7	481.2	10	Ci.-S.	N. ENE	10	Ci.-S.	Cu.-N E
8..	N	N	NE	NE	NNW	NNE	76.7	84.5	145.6	174.4	481.2	7	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
9..	NNE	NNE	N	NNE	N	NE	220.4	229.8	227.1	171.6	848.9	10	A.-Cu.	N. NNE	10	Ci.-S.	Cu.-N. NNE
10..	E	Calm	N	N	ENE	NE	46.4	52.8	104	79.1	282.3	8	Ci.	cu.-N. ESE	7	Ci.-S.	Cu.-N. ESE
11..	NNE	NE	NE	NE	N	NE	95.3	97.9	166.5	151.6	511.3	8	Ci.-S.	cu.-N. NNE	9	Ci.-S.	Cu.-N. N
12..	N	NNE	NNE	NNE	NNE	N	180.2	259.4	291.1	269.2	999.9	10	Ci.-S.	N. NbyE	10	Ci.-S.	Cu.-N. NNE
13..	N	NNE	N	N	N	N	227.1	248.9	270.8	236 5	983.3	8	A.-Cu.	cu.-N. NNE	8	Ci.-S.	Cu.-N. NNE
14..	N	NNE	NNE	N	N	NNE	237.9	262.1	265	186.3	951.3	10	Ci.-S.	Cu.-N. N	10	Ci.-S.	Cu.-N. N
15..	N	N	NNE	N	NNE	NNE	146.1	153.4	201.6	191.8	692.9	10	Ci.-S.	cu.-N. NNE	8	Ci.-Cu. ESE	Cu.-N. NNE
16..	NE	N	N	NE	NE	NE	204	202.7	220.2	175.9	802.8	10	A.-Cu.	cu.-N. NNE	10	Ci.-S.	Cu.-N. NNE
17..	NE	NNE	N	NNE	NNE	NE	166.5	195.5	192.8	141.1	695.9	10	Ci.-S.	cu.-N. NNE	10	Ci.-S.	N. N
18..	NE	NE	E	N	NW	N	136.5	51.5	100.4	63.1	351.5	9	Ci.-S.	cu.-N. NNE	10	Ci.-S.	Cu.-N.
19..	NE	NE	Calm	NW	NE	NE	57.9	36.5	79.4	62.8	236.6	7	A.-Cu.	cu.-N. NNE	10	Ci.-S.	N.
20..	E	Calm	Calm	Calm	NW	NNW	37	14.2	63.3	87.2	201.7	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
21..	Calm	N	NNE	N	N	N	28.2	90.7	185.6	161.9	466.4	10	Ci.-S.	cu.-N. NNE	8	Ci.-S.	Cu.-N.
22..	N	N	NNE	N	NE	N	133	101.6	146.9	128.7	510.2	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N. N
23..	N	N	NE	NE	NE	NE	140.6	120.9	135.4	100.4	497.3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. NNE
24..	N	N	NNE	NE	NE	NE	132.8	179.4	171.2	68.4	551.8	8	Ci.-S.	cu.-N. NNE	7	A.-Cu.	Cu.-N. NE
25..	N	N	N	NE	NE	SW	50.5	68.6	76.9	41	237	10	Ci.-S.	cu.-N. ESE	10	Ci.-S.	Cu.-N. ESE
26..	S	SW	NW	NW	Calm	N	37.2	43.5	74.6	113.7	269	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N.
27..	NW	NW	N	NW	NNE	W	151.9	97.6	104	55.3	408.8	7	Ci.-Cu.	Cu.-N.	7	Ci.-S.	Cu.
28..	NW	Calm	NW	NW	N	N	35.2	86.1	105.4	88.2	314.9	9	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
29..	W	SW	NNW	NNW	N	N	35.7	77.9	100.3	120.2	334.1	7	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.
30..	N	NNE	NE	NNW	N	Calm	106.8	70.6	58.2	62.6	298.2	10	Ci.-S.	N.	7	Ci.-S.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	111.1	118.2	147.2	126.6	503.1	8.9	.....	.....	8.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,098.7	.....	.....	.....	.....	.....	.....

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

DECEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.20	59.69	60.73	58.51	58.85	60.24	59.54	24.2	23	27.8	27.8	26.2	24	25.5	29.2	22.6	92	97	83	79	85	94	88.3	.....
2..	59.11	59.81	60.43	58.57	59.30	60.19	59.57	23.5	23.4	28	29.1	26.5	26.3	26.1	29.9	22.9	95	97	83	74	84	86	86.5	7.1
3..	59.41	59.68	61.27	59.42	59.53	60.88	60.03	25.1	25.8	27.8	27.7	27.4	26.2	26.7	29.2	24.2	97	90	79	82	80	85	85.5	11.7
4..	60.19	60.39	61.78	60.38	60.42	61.34	60.75	25.8	25.7	26.4	27.1	26.1	26.3	26.2	28.4	24.7	86	86	87	78	87	88	85.3	.8
5..	60.20	60.42	60.98	58.98	59.09	60	59.94	25.9	26	27.1	27.9	26.6	26.3	26.6	28.9	23.8	80	80	79	82	87	87	82.5	9.2
6..	58.90	58.60	59.37	57.10	57.29	58.81	58.34	25.8	26.4	26	25.9	25.2	24.3	25.6	27	22.1	89	85	91	90	96	98	91.5	88.6
7..	57.12	57.18	58.21	56.05	56.60	57.47	57.10	24.2	25	25.9	26.3	26.2	25.9	25.6	26.4	21.9	92	90	88	79	79	81	84.8	16.5
8..	56.32	56.42	57.97	56.02	56.12	57.65	56.75	25.3	24.8	25.4	24.5	24.8	24.3	24.8	25.9	23.2	85	92	88	92	92	95	90.7	43.1
9..	56.21	56.65	58.26	56.92	58.15	58.97	57.53	24.6	24.3	26.6	25.3	24.2	24.4	24.9	28.8	23.7	92	94	87	92	96	96	92.8	15.7
10..	58.02	58.11	58.99	56.75	57.57	58.50	57.99	24.6	24.5	26	27.5	25.7	25.7	25.7	28	23.6	94	96	92	86	90	89	91.2	15.6
11..	57.01	57.21	58.58	56.44	57.10	58.25	57.43	25.2	25.1	27	27.5	25.4	24.7	25.8	28.2	23.9	92	92	88	86	92	97	91.2	15
12..	57.02	57.80	59.19	57.53	57.92	58.94	58.07	24.9	25.5	27.3	26.9	26	25.9	26.1	28.1	23.9	94	90	86	86	89	89	89	2.1
13..	58.21	58.50	59.49	57.77	58.11	59.58	58.61	25.8	25.5	28.1	28.5	26.7	26.2	26.8	29.8	24.9	90	92	88	81	86	89	87.7	.....
14..	58.39	58.25	59.90	58.29	58.05	59.22	58.68	25.5	25.4	26.8	26.1	26.2	25.7	26	28.3	24.6	93	93	90	91	91	93	91.8	7.6
15..	58.61	58.69	60.10	58.34	58.10	59.61	58.91	25.8	25.8	26.2	25.3	25.2	25.8	25.7	27.4	23.9	89	89	90	94	89	81	88.7	8.4
16..	58.31	58.57	59.22	57.34	57.21	58.30	58.16	24.2	25	26	26.5	26.1	25.7	25.6	27.1	23	97	92	89	80	87	90	89.2	1.3
17..	57.80	58	58.83	57.29	58.29	59.38	58.26	24.8	25.5	27.9	27.3	24.6	25	25.8	29.1	23.8	97	92	83	84	96	92	90.7	43.1
18..	58.38	58.61	60.19	58.49	59.39	60.44	59.25	25	25	25.6	26.9	25.9	25.1	25.6	27.7	23	92	92	90	81	86	85	87.7	72.1
19..	59.31	59.61	60.93	58.88	59.48	60.08	59.72	24.2	24.5	24.5	25.2	25	24.5	24.6	26	23	91	92	95	92	93	96	93.2	50.8
20..	58.80	59.02	60.07	57.94	58.75	59.69	59.04	24.2	24.1	26.3	26.5	26	25.8	25.5	27.6	23.4	97	95	86	83	85	86	88.7	.....
21..	58.98	59.11	59.83	57.45	58.	59.09	58.74	24.8	24.5	27.6	27.8	26.7	26.2	26.3	28.4	23.8	89	91	83	83	86	87	86.5	.....
22..	58.41	58.71	60.17	57.77	57.90	59.22	58.70	26.1	25.4	26.6	27.3	26.5	26.2	26.4	27.8	24	88	93	87	84	86	87	87.5	.....
23..	58.11	58.16	59.39	57.61	57.97	59.57	58.47	25.5	25	27.4	25.9	25.8	25.9	25.9	29.5	24.2	89	92	81	90	92	88	88.7	7.8
24..	58.20	58.23	59.59	57.08	57.39	58.57	58.18	25	25.1	25.6	27	25.3	25.1	25.5	27.5	23.7	92	91	88	81	87	90	88.2	8.4
25..	57.68	57.45	58.83	56.47	56.70	57.91	57.51	24.8	25.2	24.5	26.4	25.5	25.3	25.3	26.8	23.8	92	91	94	85	85	84	88.5	14.5
26..	57.01	57.08	58.77	56.98	57.30	58.28	57.57	24.4	24	25.4	25.5	25.4	25.2	25	25.7	22.4	89	90	82	80	79	80	83.3	3.3
27..	57.21	57.71	59.25	57.78	58.15	59.73	58.30	25.2	25	25.2	24.5	24.5	23.1	24.6	25.6	22	80	81	78	86	79	90	82.3	5.6
28..	58.58	58.67	60.04	58.23	58.27	59.85	58.94	23.9	23.3	24.2	25.2	23.3	23.2	23.8	25.4	21.3	82	86	80	74	87	89	83	3.3
29..	59.18	58.97	60.16	58.10	58.17	59.44	59	23.8	24	24.5	25.4	23.5	23.4	24.1	26.1	21.7	86	84	82	82	90	91	85.8	12.7
30..	58.61	58.93	60.19	59.13	59.28	60.79	59.49	23.4	23.3	23.7	24	23.6	23	23.5	25	21.8	92	94	89	80	88	93	89.3	6.4
31..	59.92	60.41	61.60	59.74	59.97	61.17	60.47	23	23	24	22.9	22.7	23	23.1	24.5	21.1	93	94	79	89	90	90	89.2	10.9
Mean	58.34	58.54	59.75	57.85	58.21	59.39	58.68	24.8	24.8	26.2	26.4	25.4	25.1	25.4	27.5	23.2	90.5	90.7	86	84.1	87.7	89.2	88	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	481.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	W	W	NW	Calm	Calm	SW	32.8	49.3	47.5	52.3	181.9	7	Ci.-S.	Cu.-N.NE	7	Ci.-Cu.	Cu.
2..	SW	SW	NW	NW	N	N	59.7	50.9	100.9	80.8	292.3	7	Ci.-S.	Cu.-N.	5	Ci.	Cu.-N.
3..	NE	N	NE	NNE	NNE	NE	108.4	83.5	140.8	142.6	475.3	8	Ci.-S.	cu.-N. NNE	8	Ci.-S.	Cu.-N. NE
4..	NE	NNE	N	NNW	NE	NE	111	110.2	122.9	116.1	460.2	8	Ci.-S.	cu.-N. NNE	10	Ci.-S.	N. NNE
5..	NE	NE	NE	N	N	NE	95	136.7	163.1	138.6	533.4	6	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. NNE
6..	N	NE	NE	N	NNE	NE	123.1	162.5	196.9	135.4	617.9	7	Ci.-S.	cu.-N. NNE	10	Ci.-S.	Cu.-N. NNE
7..	NNE	N	N	NNE	N	NNE	168.1	182.8	225	255.5	831.4	10	Ci.-S.	N. N	10	Ci.-S.	Cu.-N. N
8..	NE	N	NNE	NE	NE	NE	230.1	200.6	168.9	125	724.6	10	Ci.-S.	N. N	10	Ci.-S.	N. NNE
9..	NE	N	NE	NW	NW	N	102	54.1	129.7	100.3	386.1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	N. N
10..	N	E	NW	NW	N	N	85.9	82.1	120.2	115.6	403.8	9	Ci.-S.	N.	8	Ci.-S.	Cu.-N.NNW
11..	N	N	N	NW	N	NW	128.4	85.8	119.7	65.8	399.7	9	Ci.-S.	cu.-N. NNE	8	Ci.-S.	N. NW
12..	NW	N	N	NE	NE	N	61.4	99.8	118.3	116.4	395.9	8	Ci.-S.	Cu.-N. NE	8	Ci.-S.	Cu.-N. N
13..	N	NE	NE	NNW	N	N	81.3	49.3	123.6	101.4	355.6	7	Ci.	cu.-N. ENE	2	Ci.-S.	Cu. NNW
14..	NW	NNW	NNW	N	NNW	NNW	79.1	109.1	118	126.6	432.8	9	Ci.-S.	cu.-N. NNE	8	Ci.-S.	Cu.-N.
15..	N	NNW	NNW	NNW	NE	NE	107.2	115.3	117.8	131.6	471.9	8	Ci.-S.	cu.-N.NNW	10	Ci.-S.	Cu.-N. NNE
16..	NE	N	N	NE	NE	NE	123.9	148	146.7	90.9	509.5	10	Ci.-S.	N. NNW	8	A.-Cu.	Cu.
17..	Calm	N	N	NNW	Calm	NE	43	86.3	125.5	108	362.8	9	Ci.-S.	Cu.-N. N	6	Ci.-S.	Cu.-N.
18..	N	N	N	NNE	NE	N	155.9	140	189.3	186.9	672.1	10	Ci.-S.	N. N	10	Ci.-S.	Cu.-N. NNE
19..	NE	NE	NE	NE	NE	NE	148.3	168.6	203	174.4	694.3	10	Ci.-S.	Cu.-N. N	10	Ci.-S.	Cu.-N. NNE
20..	NNE	NW	NE	NE	NE	NE	75.1	90.1	138.4	127.3	430.9	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N. NNE
21..	NE	N	N	N	NE	NE	70.2	64.2	126.9	116.5	377.8	8	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. NNE
22..	NE	N	NW	NNW	NNE	N	53.1	122.6	130	90.3	396	8	Ci.-S.	Cu.-N. N	8	Ci.-S.	Cu.-N.NNW
23..	NE	NNW	NE	NNW	N	N	66	80.3	140.6	118.6	405.5	8	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. NE
24..	NE	N	NNE	NNE	NNE	E	119.3	130.3	179.1	136.4	565.1	10	Ci.-S.	Cu.-N. N	5	Ci.-S.	Cu.-N.
25..	NE	NE	NE	NE	NE	NE	122.3	187.3	221.1	215.6	746.3	10	Ci.-S.	cu.-N. NNE	9	A.-Cu.	Cu.-N. NNE
26..	NE	NE	NE	NE	NE	NE	205.4	188.5	214.8	211	819.7	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
27..	NE	NE	NE	NE	NE	ENE	207.4	214.2	226.9	248.8	897.3	10	Ci.-S.	Cu.-N. N	10	Ci.-S.	Cu.-N. N
28..	NE	NE	NE	NE	NE	NE	241.9	247.6	214.5	183.4	887.4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. NNE
29..	NE	NE	NE	NE	NE	NE	161.5	160.7	163.8	176	662	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
30..	NE	NE	NE	NE	NE	NE	162.2	223.5	239.1	232.2	857	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N. NNE
31..	NE	NE	NE	NE	NE	NE	226.7	225.1	210	167.6	829.4	10	Ci.-S.	Cu.-N. N	10	Ci.-S.	Cu.-N. NNE
Mean	.....	.....	.....	.....	.....	.....	121.2	130.6	157.5	141.5	550.8	8.9	.....	.....	8.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,075.9	....	.....	.....	....	.....	.....

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

JANUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.76	58.11	59.05	56.60	57.74	58.74	58	22.6	24	31.2	30	26.9	24	26.4	32.2	22.2	93	93	64	66	77	91	80.7	.....
2..	57.76	58.82	59.28	56.84	57.87	59.59	58.26	23	22.7	30.7	32.4	28.8	25.3	27.2	32.5	22	95	94	61	58	65	84	76.2	.....
3..	58.24	58.32	60.09	58.18	59.32	60.15	59.05	24.6	24	30	30	26	24.8	26.6	31.5	23.5	87	91	64	66	85	85	79.7	5.6
4..	59.31	60.62	62.60	60.74	61.68	62.73	61.28	23.9	23.3	23.4	23.7	23.2	23	23.4	24	22.5	87	92	90	92	93	95	91.5	24.4
5..	61.26	62.84	63.34	61.71	62.34	63.85	62.56	22.4	22.3	25.5	26.5	23.2	22.9	23.8	26.7	22.2	93	92	88	82	90	83	88	.....
6..	62.86	63.30	64.24	61.84	62.18	62.84	62.88	22.5	22.2	25.4	25.8	23.7	22.4	23.7	26.8	22	87	86	88	88	85	88	87	.....
7..	61.95	62.34	63.19	60.74	61.29	62.84	62.06	21.4	22.7	26.4	28.8	24.4	23.1	24.5	29	21.3	87	85	81	72	88	90	83.8	.....
8..	61.86	62.19	63.75	61.24	62.25	63.56	62.48	22.3	22.6	27.4	29.4	24.8	23.7	25	29.5	21.3	88	89	74	68	85	85	81.5	.....
9..	62.85	63.38	64.24	61.99	62.99	63.79	63.21	22.6	22.3	25.3	26.3	24.3	24	24.1	28	22.1	92	92	84	82	89	91	88.3	.....
10..	62.29	63.49	64.31	62.34	62.96	64.13	63.25	24	23.3	24	24.2	22.3	22.7	23.4	26.2	21.9	91	89	91	90	88	87	89.3	.....
11..	62.21	63.32	63.44	61.83	62.36	62.85	62.67	22.5	22.9	26.3	25.7	22.7	22.6	24	27.1	22.2	87	91	82	86	85	86	86.2	.....
12..	61.54	61.96	62.26	60.34	60.94	61.51	61.42	22.6	22.5	25.3	24	23.3	23.5	23.5	25.5	22.4	86	87	89	91	89	87	88.2	.....
13..	60.46	61.23	61.16	59.54	60.42	61.24	60.68	23.4	23	28.8	29	25.9	24.3	25.7	30	22.9	89	93	72	71	85	89	83.2	.....
14..	60.24	60.31	61.34	59.13	59.93	60.87	60.30	23.8	23.1	29.2	30.7	26.1	24.5	26.2	31	23	85	94	70	61	83	87	80	.....
15..	60.15	60.23	61.27	58.89	59.40	60.29	60.04	24	23.2	27.5	30.3	26.6	23.7	25.9	30.3	23.1	91	93	73	64	84	85	81.7	.....
16..	59.19	59.75	60.65	58.96	59.90	60.49	59.82	23.7	22.8	27.6	28.9	25.6	24.3	25.5	29	22.6	85	84	73	71	87	89	81.5	.....
17..	59.25	59.34	60.02	58.22	58.91	59.74	59.25	23.4	23.1	27.8	30.1	26.5	24.3	25.9	30.2	22.9	88	94	71	64	80	89	81	.....
18..	58.96	59.16	59.21	56.34	58.59	58.74	58.50	23.6	22.6	26.7	29.3	26	24.9	25.5	29.6	22.5	87	86	80	69	84	84	81.7	.....
19..	57.89	59.01	60.06	57.64	58.62	58.97	58.70	24	23.4	25.6	26	24.9	24.2	24.7	27	23.2	91	88	87	78	84	90	86.3	.....
20..	57.21	58.02	59.19	56.76	57.24	58.71	57.86	23.8	23.4	27.7	27.3	25.3	23.7	25.2	29.6	23	88	88	72	75	81	85	81.5	.....
21..	57.21	58.08	58.79	57.04	58.64	59.04	58.13	23.6	23.5	27.5	28.3	25.4	24	25.4	28.3	23.1	93	92	73	72	80	91	83.5	.....
22..	58.16	58.45	59.12	57.35	58.39	59.83	58.55	23.5	23.3	26.3	27.2	24.7	24.4	24.9	27.3	23.2	87	89	82	75	86	88	84.5	.....
23..	58.36	58.95	59.52	57.30	58.11	59.11	58.56	23.2	22.7	27.8	29.9	25.6	24.2	25.6	30	22.6	90	90	71	65	87	90	82.2	.....
24..	57.29	58.60	59.80	57.90	58.72	59.15	58.58	23.8	24.2	28.3	28.1	24.1	23.3	25.3	28.7	23.2	85	90	71	77	91	90	84	.....
25..	58.20	59.43	60.43	58.85	59.80	59.89	59.43	23.2	23.2	23.7	23.1	22.3	22.7	23	24	22.2	90	90	86	90	92	92	90	39.3
26..	58.98	60.28	60.49	58.44	59.40	59.88	59.58	23	23	26.3	27.3	24.9	24	24.8	28.3	22.8	91	93	82	75	84	91	86	.....
27..	58.76	59.63	60.15	57.91	58.90	59.19	59.09	23.8	23.7	27	29	25.3	24.2	25.5	29.1	22.5	89	89	77	71	89	90	84.2	.....
28..	58.21	59.06	59.78	57.39	58.96	60.17	58.93	23.2	23	28.8	29.4	26.7	23	25.7	30.5	21.9	90	91	72	68	79	91	81.8	.....
29..	59.29	59.43	60.12	58.11	59.09	60.08	59.35	21.3	22.3	27.2	27.3	25	23.3	24.4	28.6	21	88	92	75	75	85	90	84.2	.....
30..	59.18	59.94	60.84	58.45	59.18	59.90	59.58	22.7	22.1	26.3	26	24	22.7	24	26.4	22	87	90	82	84	91	89	87.2	.....
31..	58.38	59.53	60.14	57.32	58.47	59.16	58.83	22	21.5	26.8	30	25.7	22.8	24.8	30.1	21.4	91	94	71	65	86	88	82.5	.....
Mean	59.52	60.23	61.03	58.90	59.83	60.68	60.03	23.1	23	27	27.9	25	23.7	25	28.6	22.4	89	90.4	77.3	74.5	85.1	88.4	84.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	69.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	NE	NE	NE	E	E	28.8	65.2	53.3	21.5	168.8	2	Ci.	.....	9	Ci.-S.	Cu.-N. E
2..	Calm	Calm	NE	SW	SW	NE	20.9	24.4	30	40.7	116	3	Ci.	.....	7	Ci.-Cu.	Cu. E
3..	E	NE	NE	ENE	NE	NE	22.7	70.2	134.4	62.2	289.5	3	Ci.	.....	7	Ci.-S.	Cu. E
4..	NE	NE	NNE	NNE	NE	NE	61	77.9	86.9	98.5	324.3	10	A.-S.	N. ENE	10	A.-S.	N. NE
5..	NE	NE	ENE	NE	ENE	NE	117.8	126	135.2	77.2	456.2	8	Ci.-S.	Cu.-N. E	8	Ci.-S.	S.-Cu. E
6..	NE	NE	NE	NE	NE	NE	66.5	98.8	117.5	71.6	354.4	7	Ci.-S.	Cu. E	8	Ci.-S.	Cu. NE
7..	NE	E	NE	NE	NE	NE	64.6	68.2	99.3	58.7	290.8	4	Ci.	Cu.	7	Ci.-S.	Cu. NE
8..	NE	NE	NE	NE	NE	NE	49.6	64.9	102.8	57.1	274.4	6	Ci.	Cu. NE	5	Ci.	Cu. NE
9..	NE	NE	NE	ENE	NE	ENE	34.4	102.8	138.7	101.2	377.1	4	Ci.	Cu.	6	Ci.	Cu. NE
10..	NE	E	ENE	ENE	ENE	ENE	101.2	106.5	118.1	122.8	448.6	10	Ci.-S. NE	Fr.-N. ENE	10	Ci.-S.	S.-Cu. ENE
11..	ENE	ENE	NE	NE	ENE	NE	160.4	193.3	142.1	97.6	593.4	7	Ci.-S.	Cu. ENE	8	Ci.-S.	Cu.-N. E
12..	NE	NE	ENE	NE	NE	NE	82.9	92	57.9	46.1	278.9	7	Ci.-Cu.	Cu. E	9	Ci.-S.	S.-Cu.
13..	NE	NE	NE	NE	ENE	NNE	51.3	74.2	88.2	30.9	244.6	4	Ci.	Cu.	7	Ci.-S.	Cu. E
14..	Calm	NE	NNE	NE	Calm	NE	28.8	47.5	66.8	32.2	175.3	6	Ci.	Cu.	7	Ci.	Cu. NE
15..	NE	Calm	ENE	NE	NE	NE	29.5	52.1	65.4	44.1	191.1	5	Ci.	Cu.	8	Ci.-S.	Cu.-N. NE
16..	NE	NE	ENE	ENE	ENE	NE	41.5	84	100.3	37.5	263.3	8	Ci.-S.	Cu.-N.NE	7	Ci.	Cu. NE
17..	Calm	NE	NE	NE	ENE	NE	26.4	56.	69.2	29.8	181.4	7	Ci.-S.	S.-Cu.	5	Ci.	Cu. ENE
18..	NE	Calm	ENE	ENE	NE	NE	25.9	64.9	107.2	42	240	7	Ci.-S. E	Cu. NE	9	Ci.-S.	Cu.-N. NE
19..	NE	NE	ENE	ENE	NE	NE	33.6	55.2	57.9	34.8	181.5	8	Ci.-S. ENE	Cu.-N. E	9	Ci.-S.	Cu.-N. E
20..	NE	NE	NE	ENE	ENE	ENE	32.8	65.8	103.2	48.3	250.1	7	Ci.	Cu. E	7	Ci.-S.	Cu. NE
21..	NE	NE	ENE	ENE	NE	NE	22.3	40.7	74	40.5	177.5	5	Ci.	Cu.	7	Ci.-S.	Cu.-N. E
22..	ENE	NE	NE	NE	NE	NE	47.3	87.4	73.2	42	249.9	8	Ci.-S. ENE	Cu.-N. E	6	Ci.-Cu.	Cu.
23..	NE	NE	NE	ENE	NE	NE	22.7	56.6	61.5	25.9	166.7	5	Ci.	Cu.	8	Ci.-S.	Cu. ENE
24..	N	NE	NE	NE	NE	NE	31.7	61.2	64.9	48.1	205.9	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu. E
25..	NE	NE	NE	NE	NE	NE	56.6	52	57.1	37.5	203.2	9	Ci.-S. E	S.-Cu. NE	10	A.-S.	N. NE
26..	NE	NE	NNE	NE	NE	ENE	32.5	53.7	57.7	34.4	178.3	10	Ci.-S.	Fr.-N. NE	8	Ci.-S.	S.-Cu. NE
27..	NE	NE	NE	NE	Calm	NE	26.2	43.7	50.5	22.7	143.1	8	Ci.-S.ESE	Cu.-N. E	9	Ci.-S.	S.-Cu. E
28..	Calm	NE	NE	Calm	Calm	Calm	20.7	28.4	23.5	15.8	88.4	4	Ci.	Cu.	8	Ci.-S.	Cu.
29..	Calm	NE	ENE	ENE	Calm	NE	19.8	48	52.1	50.9	170.8	5	Ci.	Cu.	9	Ci.-S.	Cu.-N. NE
30..	NE	NE	NE	ENE	NE	Calm	36.8	57.9	64.1	23.5	182.3	10	Ci.-S ESE	Cu.-N. E	8	Ci.-S.	Cu.-N. E
31..	NE	NE	NE	NE	NE	E	20.4	26.9	38	16.4	101.7	4	Ci.	Cu.	5	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	45.7	69.2	80.4	48.8	244.1	6.5	.....	.....	7.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,567.5	.....	.....	.....	.....	.....	.....

NOTE.—This is an approximate height of the barometer above sea level.

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

FEBRUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.32	58.90	59.51	57.54	58.66	59.31	58.71	22.9	23	26.1	28.3	24.3	23.3	24.6	28.4	22	83	91	83	75	90	89	85.2	.....
2..	58.10	58.77	60.09	57.84	59.13	60.19	59.02	23	22.7	25.8	26.4	24.3	22.8	24.2	27.2	22	91	85	85	77	89	88	85.8	.....
3..	59.22	59.48	61.03	58.92	59.62	61.13	59.90	22.3	22.3	27.3	27	24.5	23.2	24.4	27.8	21.5	89	88	75	77	87	90	84.3	.....
4..	60.04	60.44	62.16	59.65	60.76	61.89	60.82	22.5	22.8	24.7	27	24.3	23	24	27.1	22	87	84	86	77	89	91	85.7	3.3
5..	60.35	61.50	62.48	60.28	61.13	61.96	61.28	22.7	23	26.9	27.9	23.9	23	24.6	28.9	22.4	85	91	77	71	87	91	83.7	.....
6..	61.19	61.84	62.89	60.74	61.98	62.26	61.82	22.3	21.8	24.3	27.1	23.2	22.9	23.6	27.3	21.5	88	84	89	69	90	87	84.5	3.8
7..	60.89	61.70	62.39	59.87	60.69	62.50	61.34	23	22.8	29.7	30	26.7	23.3	25.9	31.8	22	91	89	67	65	82	90	80.7	.....
8..	60.43	61.31	61.68	59.21	59.99	61.39	60.67	23	23.4	28.3	32	28.3	22.8	26.3	32.3	22	91	90	75	60	75	84	79.2	.....
9..	60.59	60.96	61.80	58.88	59.39	61.25	60.48	23	24	28	32.6	27	24.7	26.6	32.7	21.9	85	91	71	58	72	86	77.2	.....
10..	60.34	61.23	61.93	59.54	60.59	61.22	60.81	23.4	22.3	26.7	28.4	24.3	23	24.7	28.8	22.3	89	88	79	75	89	91	85.2	.....
11..	60.88	61.34	61.94	60.30	60.87	61.22	61.09	22.8	22.2	26.8	28.7	24.8	23.8	24.8	29.3	22.1	84	89	78	70	85	85	81.8	.....
12..	60.88	61.06	62.22	59.96	60.85	61.85	61.14	23	23.2	28.2	30.6	26.3	23.8	25.8	30.7	22.6	88	90	69	62	80	85	79	.....
13..	60.86	61.29	62.02	60.28	61.70	62.19	61.39	22.8	23	26.7	27.4	23.7	22.3	24.3	28.1	22.3	84	84	79	76	85	88	82.7	.....
14..	61.26	61.49	62.41	60.56	61.28	62.15	61.52	22.1	22	25	26	23.8	22.8	23.6	26.1	21.7	90	91	83	76	85	84	84.8	.....
15..	60.86	62.01	62.09	59.95	60.67	61.19	61.13	22.5	23	26.2	28.2	25	24	24.8	28.4	22.3	87	91	76	72	83	90	83.2	.....
16..	60.11	60.79	61.35	58.19	59.14	60.34	59.99	23.3	23	29	31.3	26.8	22.8	26	31.7	22.3	90	91	71	58	78	84	78.7	.....
17..	59.15	59.51	60.49	57.36	58.14	59.09	58.96	23	22.3	29.7	31.5	27.7	24.2	26.4	32.1	22	91	88	67	57	72	90	77.5	.....
18..	57.35	58.17	58.83	56.11	57.24	58.26	57.66	24	23	29.8	33.3	25.9	23.7	26.6	33.4	22.6	91	91	66	55	85	85	78.8	.....
19..	56.76	57.23	58.39	56.24	57.60	59.01	57.54	22.2	21.6	29.7	26.8	25.1	23	24.7	32.9	21.5	89	92	67	78	84	91	83.5	1.5
20..	57.65	58.91	60.19	58.57	59.95	60.74	59.34	22.7	22.4	27.7	27.7	24.7	24.2	24.9	28.8	22	89	88	74	72	86	90	83.2	.....
21..	59.90	61.04	61.75	60.22	60.58	61.02	60.75	23.8	23.7	27.8	28.3	24.7	23.8	25.4	29.1	23.1	87	85	69	68	86	87	80.3	.....
22..	60.25	60.99	61.72	59.61	60.24	61.57	60.73	23.1	23.2	28.7	29.3	24.9	23.5	25.4	30.1	23	90	90	67	69	84	88	81.3	.....
23..	60.24	60.38	60.65	58.37	58.99	59.99	59.77	22.7	22.3	29.5	30.1	25.8	24	25.7	31	22.2	87	88	61	64	85	91	79.3	.....
24..	58.37	59.06	59.78	57.62	58.04	59.36	58.70	22.2	22.2	29.4	31	26.1	24.8	26	31.2	22	87	89	68	65	83	85	79.5	.....
25..	58.24	58.81	59.54	56.98	57.79	59.06	58.40	24.1	24	27.7	30	26.3	24.9	26.2	31.3	23.2	91	91	65	64	82	84	79.5	.....
26..	58.14	58.42	58.72	56.29	56.68	58.52	57.80	24.3	24	30	31.5	27.3	25.3	27.1	32.1	23.7	89	91	65	63	75	84	77.8	.....
27..	57.34	57.72	58.71	56.22	56.33	57.26	57.26	23	22.7	31.6	33.2	27	25.2	27.1	33.3	22.5	91	85	61	60	70	82	74.8	.....
28..	56.22	57.32	58.49	56.31	56.57	58.41	57.22	24.9	24	31.7	33.2	28.7	24.7	27.9	33.4	23.9	84	88	55	54	73	88	73.7	.....
Mean	59.43	60.06	60.90	58.63	59.45	60.51	59.83	23	22.9	28	29.5	25.6	23.7	25.4	30.2	22.3	88.1	88.7	72.4	67.4	82.5	87.4	81.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	NE	ENE	NE	NE	NE	21.7	77.2	72.1	29.2	200.2	6	Ci.	Cu.	8	Ci.-S.	Cu.-N.
2..	ENE	NE	NE	NE	NE	NE	38	71.6	71	41.6	222.2	10	A.-S. NNE	Fr.-N. NE	9	Ci.-S.	S.-Cu. NE
3..	NE	NE	NE	NE	NE	NE	25.9	58.7	68.1	23	175.7	5	Ci.	Cu.	8	Ci.-S.	Cu.-N. NE
4..	NE	NE	NE	NE	NE	NE	22.2	52.1	60.6	31.9	166.8	10	A.-S. E	S.-Cu. ENE	9	Ci.-S.	S.-Cu.
5..	Calm	NE	ENE	ENE	NE	ENE	22.5	56.3	113.3	79.1	271.2	7	Ci.-Cu. E	Cu. NE	9	A.-S.	N.-cf. NE
6..	NE	NE	NE	NE	E	NNE	62.6	52.8	67.9	23.3	206.6	9	A.-S.	S.-Cu.	7	Ci.-S.	Cu. NE
7..	NE	Calm	NE	NE	Calm	Calm	20.6	20.1	34.3	15.5	90.5	9	A.-S. E	S.-Cu. NE	8	Ci.-S.	Cu.-N. NE
8..	NE	Calm	Calm	SW	SE	Calm	17.5	19.6	23.6	20.1	80.8	7	ci.-cu. ENE	Cu. NE	7	Ci.-S.	Cu.
9..	Calm	NNE	NNW	Calm	NE	NE	21.1	41.8	20.4	30.8	114.1	6	Ci.	Cu. NE	7	Ci.	Cu.
10..	NE	NE	ENE	NE	NE	NE	44.1	96	85.3	63.4	288.8	5	Ci.	Cu. NE	8	A.-Cu.	Cu.
11..	NE	NE	ENE	NE	NE	NE	44.8	86.9	79.2	48.5	259.4	6	Ci.	Cu.	5	Ci.	Cu.
12..	Calm	NE	NE	NE	E	NE	22.3	31.9	37.2	20.1	111.5	9	Ci.-S.	Cu.-N.	7	Ci.	Cu. E
13..	Calm	NE	ENE	ENE	NE	ENE	28	98.2	112.5	77.7	316.4	7	Ci.-S.	S.-Cu. NE	6	Ci.	Cu. NE
14..	NE	NE	NE	ENE	ENE	NE	82.1	105.4	103.6	65.5	356.6	8	Ci.-S.	Cu.-N. NE	10	A.-S.	S.-Cu. NE
15..	NE	NE	NNE	NE	NE	NE	67.6	54.5	55.3	25.7	203.1	10	A.-S.	Cu.-N. NE	9	A.-Cu.	Cu.-N. NE
16..	NE	NE	NE	SE	Calm	Calm	18.5	36	26.4	17.9	98.8	9	A.-Cu.	Cu.-N.	9	Ci.-S.	S.-Cu.
17..	Calm	Calm	NE	ENE	Calm	Calm	17.9	23.1	23.1	15.3	79.4	8	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N NE
18..	NE	Calm	SE	SW	Calm	Calm	19.6	23.5	21.5	15.1	79.7	3	Ci.	.....	6	Ci.-Cu.	Cu. E
19..	SE	Calm	ENE	ESE	Calm	N	18.5	28.5	25.2	17.9	90.1	9	A.-cu. NNE	Cu. NE	10	A.-S.	Fr.-N. E
20..	NE	Calm	ENE	ENE	NE	NE	22.5	63.6	[a]31.2	42	[a]159.3	5	Ci.	Cu.	10	A.-S.	S.-Cu.
21..	ENE	ENE	ENE	NNE	NE	NE	40.4	70	71.1	46.5	228	10	A.-S.	S.-Cu. E	9	Ci.-S.	Cu.-N.
22..	NE	NE	NE	ENE	NE	NE	38	65.7	60	32.2	195.9	6	Ci.	Cu.	6	Ci.-Cu.	Cu. ENE
23..	NE	NE	NNE	NE	NE	NE	26.4	49.6	41	28.2	145.2	5	Ci.-Cu.	Cu.	6	Ci.	Cu. NE
24..	NE	NE	NE	NE	NE	NE	23.6	[b]34	53.6	34	[b]145.2	2	Ci.	.....	7	Ci.-S.	Cu. NE
25..	ENE	NE	NE	NE	NE	NE	24.6	54.4	55.3	24.1	158.4	4	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
26..	NE	Calm	NE	ENE	NE	NE	16.1	36	51.2	27.6	130.9	5	Ci.	Cu.	6	Ci.	Cu. E
27..	Calm	Calm	NE	NE	NE	NE	16.3	33.8	50.5	20.3	120.9	4	Ci.	Cu.	5	Ci.	Cu.
28..	NE	NE	ENE	NE	Calm	NE	17.2	21.1	37.2	26.2	101.7	10	Ci.-S.	S.-Cu. ENE	7	Ci.-S.	Cu. E
Mean	.....	.....	.....	.....	.....	.....	30	52.2	55.4	33.7	171.3	6.9	.....	.....	7.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,797.4	....	.....	.....	.....	.....	.....

[a] 3 hours missing.

[b] 2 hours missing.

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

MARCH, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.31	58.15	58.99	56.44	56.97	58.16	57.67	24.4	24.9	31	32.3	27.7	25.6	27.6	33.1	24.2	88	84	59	59	79	88	76.2	.....
2..	57.22	58.17	58.47	56.38	56.69	58.46	57.56	25.3	24	30.8	31.7	27.8	25.9	27.6	32	23.6	89	91	60	62	74	85	76.8	.....
3..	57.99	58.44	59.14	55.89	56.57	58.13	57.69	24	23.5	30	33.4	28.7	25.9	27.6	33.4	23.3	86	87	65	54	66	85	73.8	.....
4..	57.19	57.44	58.17	55.92	56.31	58.34	57.23	25	24.3	30.2	32.5	28.1	25.6	27.6	32.6	24.2	85	89	64	58	70	87	75.5	.....
5..	57.05	57.79	58.83	56.48	57.12	58.29	57.59	25	24	31.2	31.9	27.8	25.7	27.6	32.8	23.9	88	91	58	55	73	86	75.2	.....
6..	57.64	58.79	59.53	57.29	57.54	58.77	58.26	24	24.3	29.4	32.9	27.7	25.2	27.2	33.5	23.7	90	89	68	58	72	85	77	.....
7..	57.85	58.27	59.72	57.42	57.49	58.28	58.17	24	23.4	31.9	32.9	27.4	25.6	27.5	33.4	23.2	86	88	55	56	74	82	73.5	.....
8..	57.27	58.19	58.89	55.91	56.87	57.98	57.52	23.5	24.2	30.2	32.3	27.3	24.3	27	32.8	23.4	87	90	64	59	75	89	77.3	.....
9..	57.02	57.60	58.72	56.42	56.99	58.85	57.60	23.7	23	30	32.8	28.6	25.1	27.2	33.9	22.9	89	91	65	58	73	86	77	.....
10..	58.81?	58.74	59.24	56.60	57.07	58.75	58.20	24.9	24.5	30.1	32.4	27.9	26	27.6	33.5	24	86	87	62	58	71	84	74.7	.....
11..	57.51	58.50	59.52	57.25	57.56	58.59	58.16	25.2	24.6	30.1	32.5	27.6	25.1	27.5	33	24	90	87	64	58	71	83	75.5	.....
12..	57.80	57.84	58.95	56.76	56.91	57.69	57.66	24.2	23.9	28.2	32.1	27.7	25	26.8	32.2	23.8	85	86	69	60	72	86	76.3	.....
13..	56.90	58.05	59	56.34	58.50	59.21	58	24	23.3	29.9	33.3	24.4	23.8	26.4	33.3	23	87	89	65	60	88	89	79.7	14.5
14..	58.04	59	60.12	58.54	58.83	59.39	58.99	23.4	23.8	29.3	30	26.9	24.9	26.4	30.8	23.3	88	90	62	62	77	84	77.2	.....
15..	58.99	60.53	61.42	58.44	59.31	60.28	59.83	23.9	24	30.9	32.8	27.2	25	27.3	33	23.4	84	86	60	57	75	86	74.7	.....
16..	59.36	60.52	61.24	58.41	59.29	59.99	59.80	24.4	24.3	28.1	28.8	26.5	24.7	26.1	30.3	24.2	87	84	70	67	73	86	77.8	2.5
17..	59.17	59.99	60.84	58.18	58.72	60.14	59.51	24	23.2	25.2	31.3	26.3	24.8	25.8	31.3	23	86	90	85	58	82	85	81	.5
18..	58.85	59.67	60.57	58.54	58.94	59.92	59.42	24.5	24.8	29.9	32.9	28.7	26	27.8	33	24.3	87	87	65	56	73	79	74.5	.....
19..	58.69	59.55	59.98	57.53	58.50	59.28	58.92	25	25	29.7	31.8	27.8	25.4	27.4	32	24.8	85	85	67	57	74	85	75.5	.....
20..	58.07	59.35	60.41	58.04	58.64	60.17	59.11	24.9	23	30.4	33.8	28.8	26.2	27.8	34.4	23	84	91	63	55	72	82	74.5	.....
21..	58.70	59.95	61.04	58.65	59.27	60.67	59.71	25	24	31.5	33.8	29.2	25.8	28.2	34	23.9	88	91	57	57	65	78	72.7	.....
22..	59.95	60.94	61.71	59.11	59.53	61.19	60.40	23.3	23	30.7	34.8	29.3	26.1	27.9	34.8	22.5	90	91	60	52	65	83	73.5	.....
23..	59.06	59.72	61.12	58.47	59.28	59.80	59.58	25	24.3	29.3	31.3	26.2	24.6	26.8	31.8	24.2	83	84	68	58	82	87	77	.....
24..	58.74	59.55	59.97	58.27	58.98	60.04	59.26	24.3	24.4	30	31	26.6	24.8	26.8	31	23.5	89	85	65	61	80	85	77.5	.....
25..	59.14	59.70	61.07	59.05	59.16	60.15	59.71	24	23.7	25.5	27.7	26.5	24.3	25.3	29	23.6	86	85	80	70	80	89	81.7	.....
26..	59.20	59.74	59.99	58.34	58.75	60.03	59.34	23.5	23.9	30	29.9	27	24.3	26.4	31.5	23.4	87	84	66	65	71	89	77	.5
27..	59.24	59.96	60.63	57.97	59.32	60.58	59.62	23.5	22.7	30.4	32.8	27.5	24.6	26.9	35	22.5	87	89	69	57	73	87	77	.....
28..	59.50	60.59	61.63	59.66	60.61	61.89	60.65	22.4	23.3	29.7	31.8	27.2	25.2	26.6	32.3	22.3	88	89	61	57	75	82	75.3	.....
29..	60.22	61.18	61.98	59.15	59.75	61.39	60.61	24	23.8	32	33.9	29.7	26.3	28.3	35.4	23	86	85	57	56	69	82	72.5	.....
30..	59.76	60.49	60.78	58.23	57.84	59.84	59.49	24.7	21.8	30.7	35.2	29.8	25.7	28	35.3	21.5	86	86	60	51	66	84	72.2	.....
31..	59.44	59.69	60.51	57.55	57.98	59.88	59.18	23.3	22.5	31.8	34.5	29.9	26.1	28	36	21.6	89	90	55	55	65	83	72.8	.....
Mean	58.44	59.23	60.07	57.65	58.24	59.49	58.85	24.2	23.8	29.9	32.3	27.7	25.3	27.2	32.9	23.4	87	87.8	64.1	58.3	73.4	84.9	75.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	NE	NE	NE	NE	NNE	18.3	36.4	40.8	33	128.5	9	Ci.-S.	NE S.-Cu. E	5	Ci.	Cu.
2..	ENE	Calm	NE	NE	NE	NE	23	34.6	50.1	22	129.7	4	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
3..	Calm	NE	NE	NNE	NE	NNE	13.2	25.4	27.7	15.9	82.2	6	Ci.	Cu.	7	Ci.	Cu. NE
4..	NE	Calm	NE	NE	NE	NE	14.3	34.6	50.5	24.6	124	6	Ci.	Cu.	6	Ci.-Cu.	Cu.
5..	Calm	Calm	SE	Calm	NE	NE	15.3	25.7	24.3	17.1	82.4	5	Ci.	Cu.	7	Ci.-S.	Cu.-N.
6..	NE	NE	NE	NE	NE	NE	14.5	25.1	42.6	22.3	104.5	8	Ci.-S.	S.-Cu.	7	Ci.	Cu. E
7..	NE	Calm	NE	NE	NE	NNE	13.5	35.7	46.4	20.6	116.2	4	Ci.	Cu.	6	Ci.	Cu.
8..	Calm	NE	NE	ENE	NE	Calm	14.3	37.8	36.7	19.3	108.1	6	Ci.	Cu.	6	Ci.	Cu. E
9..	NE	Calm	NE	NE	NE	Calm	15.3	26	29.8	12.9	84	6	Ci.	Cu.	8	Ci.-Cu.	Cu.-N. E
10..	NE	Calm	NE	NE	NE	NE	11.3	23.3	41.3	24.9	100.8	7	Ci.-S.	NE S.-Cu. E	7	Ci.	Cu.
11..	NE	NNE	NE	NE	NE	Calm	21.9	35.1	40.8	15.9	113.7	9	Ci.-S.	S.-Cu. NE	4	Ci.	Cu.
12..	Calm	Calm	NE	NE	NE	NE	8.2	20.1	35.9	17.4	81.6	10	A.-S.	S.-Cu. E	5	Ci.-Cu.	Cu.
13..	Calm	Calm	NE	NE	NE	Calm	8.9	24.7	24.7	10.5	68.8	7	Ci.-Cu.	Cu. E	8	Ci.-S.	S.-Cu.
14..	Calm	NE	NE	NE	NE	Calm	9.4	14.2	20.1	11.5	55.2	8	Ci.-S.	Cu.-N.	9	Ci.-S.	S.-Cu. NE
15..	Calm	Calm	NE	NE	Calm	Calm	9.9	28.2	39.6	18	95.7	4	Ci.	Cu.	7	Ci.	Cu.
16..	ENE	Calm	ENE	ENE	ENE	Calm	12.1	33.2	33.3	16.4	95	7	Ci.	Cu. NE	8	Ci.-S.	S.-Cu.
17..	Calm	Calm	NE	NE	Calm	NE	6.9	22.5	27.4	21.2	78	10	A.-S.	N. NE	6	Ci.	Cu.
18..	Calm	Calm	NE	NE	NE	NNE	15.9	20.3	33.2	20.7	90.1	6	Ci.	Cu. NE	5	Ci.	Cu.
19..	Calm	Calm	NE	NE	Calm	Calm	16.4	17.7	23.5	9.7	67.3	10	Ci.-S.	Fr.-N. E	6	Ci.	Cu.
20..	Calm	Calm	Calm	Calm	NE	NE	8.2	7.7	19.5	19	54.4	9	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. E
21..	Calm	NE	ENE	NE	NE	NE	12.7	14.7	24.9	20.9	73.2	5	Ci.	Cu.	7	Ci.	Cu.
22..	Calm	Calm	Calm	NE	Calm	NE	15.1	14.7	17.7	12.9	60.4	6	Ci.	Cu. E	5	Ci.	Cu.
23..	Calm	NE	NE	ENE	NE	NE	11.5	19.8	27.2	24.4	82.9	6	Ci.	ENE Cu. E	6	Ci.	Cu.
24..	NNE	NE	NE	NE	NE	NE	21.1	23.8	37.2	26	108.1	9	Ci.-S.	s.-cu. ENE	5	Ci.	Cu.
25..	NE	Calm	NE	NE	NE	Calm	18.8	22.8	23.9	17.7	83.2	8	Ci.-S.	Cu. ENE	10	Ci.-S.	Fr.-N. E
26..	NE	Calm	NE	NE	Calm	Calm	17.9	14.2	26.6	6.6	65.3	6	Ci.	Cu. E	6	Ci.	Cu.
27..	Calm	Calm	SW	Calm	Calm	Calm	1	2.7	8.2	5.1	17	6	Ci.	Cu.	8	Ci.-S.	Cu.-N.
28..	Calm	Calm	ENE	ENE	NE	NE	3.5	29.2	33.3	14	80	9	Ci.-S.	S.-Cu. E	6	Ci.	Cu.
29..	Calm	Calm	Calm	NE	Calm	Calm	10.3	8.3	6.9	8.3	33.8	4	Ci.	Cu. E	6	Ci.	Cu.
30..	Calm	Calm	NE	NE	SW	SE	9.7	56	45.4	55.2	166.3	6	Ci.	Cu.	8	Ci.-S.	Cu.-N.
31..	E	E	SE	E	SE	NE	22.8	36.2	45.1	38.8	142.9	3	Ci.	.....	8	Ci.-S.	Cu.-N. NE
Mean	.....	.....	.....	.....	.....	.....	13.4	24.9	31.8	19.4	89.5	6.7	.....	.....	6.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,773.3	.....	.....	.....	.....	.....	.....

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

APRIL, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.07	59.85	60.43	57.66	58.06	59.88	59.16	25.3	24.8	32.1	34.9	30	27.2	29	35.3	24.8	84	84	60	52	65	79	70.7	.....
2..	57.78	58.03	59.86	56.71	57.79	59.09	58.21	25.7	25.4	31.7	32.8	28.2	25.8	28.3	34.8	24.2	84	84	56	56	73	78	71.8	.....
3..	57.89	58.62	59.28	56.95	57.20	59.07	58.17	25.2	23.5	32.5	33.7	30.5	26.9	28.7	34	23.3	85	91	58	52	62	77	70.8	.....
4..	58.04	58.67	59.49	56.75	57.83	59.05	58.30	25	24.4	31.2	35.8	31.2	25	28.8	36	24	87	88	61	48	61	87	72	.....
5..	58.29	58.92	59.84	57.35	57.12	58.49	58.34	23.4	24.8	34.2	34.8	30.6	26.9	29.1	35	23.1	88	85	55	52	62	77	69.8	.....
6..	58.10	58.06	58.86	56.60	57.59	59.05	58.04	26.3	25.3	32.7	32.3	27.2	26.8	28.4	34.9	25.2	82	87	57	57	68	78	71.5	.....
7..	57.81	58.01	58.88	56.36	56.88	58.89	57.80	25.8	24	32.8	34	30.2	26.8	28.9	35	23.9	84	88	58	55	64	78	71.2	.....
8..	57.64	57.23	58.07	56.38	56.80	58.72	57.47	26	25.4	31	26.4	26.3	25.7	26.8	34.2	25	85	85	58	81	80	84	78.8	1
9..	57.34	57.77	58.76	56.32	56.73	58.89	57.64	24.6	23.3	31.8	34.2	28.4	25.7	28	34.6	23	87	89	56	55	78	84	74.8	.....
10..	58.04	58.19	59.07	56.47	56.89	58.44	57.85	24.8	24	31.6	31.4	29.8	25.3	27.8	35.1	24	87	91	56	57	63	89	73.8	.....
11..	56.97	57.14	57.29	55.04	55.86	57.09	56.56	25.7	24.4	34.4	34.7	30	26	29.2	34.8	24	84	88	56	56	64	85	72.2	.....
12..	56.04	56.82	57.18	54.60	55.63	57.54	56.30	23.2	23	30.4	32.7	30.8	27.9	28	34.8	22.8	90	91	63	58	60	78	73.3	.....
13..	56.31	57.27	58.58	55.91	56.90	58.53	57.25	25.3	24	31	34.4	31	26.9	28.8	35	23.6	84	91	59	56	59	77	71	.....
14..	57.81	58.34	59.08	56.67	57.74	59.19	58.14	25.2	23	30.3	32.3	31.5	26.6	28.2	33.8	22.6	90	91	63	56	57	80	72.8	.....
15..	58.27	58.49	58.37	55.72	56.56	58.18	57.60	24.1	23.3	30.8	32.2	31.4	28.2	28.3	35.1	23	89	89	60	59	59	73	71.5	.....
16..	56.79	57.31	57.87	55.85	55.80	57.71	56.89	25.8	24.6	32.4	33.3	32.7	26.8	29.3	34.1	24.3	85	90	62	50	57	78	70.3	.....
17..	56.71	57.45	58.04	56.22	56.62	58.09	57.19	25	24	31.9	32.2	30	26	28.2	35.2	23.9	87	91	55	59	65	84	73.5	11.5
18..	57.08	57.88	58.67	55.69	56.69	58.07	57.35	24.3	24	31	33.7	29.1	25.7	28	34	23.8	89	91	68	52	77	86	77.2	.....
19..	57.19	57.31	58.48	55.36	55.97	58.81	57.19	26.2	24.9	31.5	35.2	31	26.8	29.3	36.2	24.5	85	87	58	51	59	78	69.7	.....
20..	56.95	57.44	57.95	55.66	55.76	57.11	56.81	25	24	34	34.8	32	25.7	29.2	26.6	23.5	87	91	56	52	60	86	72	.....
21..	56.88	57.29	57.64	55.20	55.92	57.49	56.74	24	23.8	33.6	35.8	27.3	24.2	28.1	38	23.5	91	90	60	48	75	90	75.7	46
22..	56.95	57.25	57.67	55.09	55.53	57.13	56.60	24.8	23.4	32.4	35.3	30.7	25.8	28.7	35.5	22.4	85	92	58	50	61	85	71.8	.....
23..	56.15	56.29	57.29	55.44	55.77	57.43	56.40	24.3	24	33.7	34.7	30.5	25.8	28.8	35.1	23.9	90	91	52	56	62	81	72	.....
24..	56.91	57.72	58.29	56.20	56.47	58.19	57.30	24.7	24.3	31	34	29.8	27.1	28.5	35.2	22.8	86	85	59	53	75	78	72.7	2.8
25..	57.51	57.96	58.79	56.61	56.76	58.37	57.67	25.8	26	32.7	32	30.8	27.6	29.2	35.3	25.3	85	85	58	60	60	80	71.3	.....
26..	57.14	57.79	58.35	56.13	56.37	57.94	57.29	25.3	26.2	29.7	32.1	30	26.6	28.3	33.8	25	89	85	67	56	65	80	73.7	.5
27..	56.93	57.65	58.21	55.95	56.54	57.82	57.18	24.9	25.3	32.8	33.8	28.4	28.1	28.9	34.3	24.3	84	89	54	56	76	77	72.7	7.4
28..	56.88	57.22	57.86	55.30	56.24	57.67	56.86	25.2	24.2	30.6	33.4	29.4	27.4	28.4	33.7	24.1	90	91	62	56	68	71	73	.....
29..	56.99	57.16	57.32	55	55.34	57.13	56.49	25	25.2	33	31.2	29.7	27	28.5	34.7	24.9	87	90	55	64	64	78	73	.....
30..	56.11	56.58	57.46	55.57	56.43	57.73	56.65	24.8	25.4	31.2	31.8	26.7	25.1	27.5	33.8	24.2	85	84	64	55	79	84	75.2	.....
Mean	57.29	57.72	58.43	56.03	56.59	58.23	57.38	25	24.4	32	33.3	29.8	26.4	28.5	34.9	23.9	86.5	88.5	58.8	55.6	65.9	80.7	72.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	69.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	NE	NE	NE	NE	NE	50.1	78.9	114	62	305	4	Ci.	Cu.	6	Ci.-S.	Cu.
2..	NNE	NE	NE	NE	E	Calm	46.7	73.5	60	21.1	201.3	8	Ci.-S. ENE	Cu.-N. E	9	A.-S.	S.-Cu. E
3..	NE	NE	SW	NE	E	Calm	24.4	34.9	39.2	26.8	125.3	8	Ci.-S. ENE	Cu. E	8	Ci.-S.	Cu.-N.
4..	Calm	NE	E	NE	NE	Calm	28.4	40.8	62.3	17.7	149.2	4	Ci.	Cu.	5	Ci.	Cu.
5..	Calm	NE	ESE	NE	E	NE	25.1	53.3	79.2	29.3	186.9	4	Ci.	Cu.	9	Ci.-S.	Cu.-N.
6..	NE	NE	E	NE	Calm	NE	44.6	64.9	58.1	39.7	207.3	8	Ci.-S. NNE	S.-Cu. ESE	10	Ci.-S.	S.-Cu.
7..	NE	Calm	NE	NE	NE	Calm	41.8	70.8	74.3	35.2	222.1	7	Ci.	Cu.-N.	10	A.-S.	N.-cf.
8..	Calm	NE	NE	NE	NE	Calm	36	74.6	69.2	40.5	220.3	6	Ci.	Cu.	10	A.-S.	S.-Cu.
9..	Calm	Calm	ESE	NE	E	Calm	26.6	37.3	44.5	27.4	135.8	5	Ci.	Cu.	9	Ci.-S.	N.-cf.
10..	Calm	NE	N	ESE	Calm	Calm	31.2	29.6	47.7	19.1	127.6	4	Ci.	Cu.	9	A.-S.	Cu.-N. ESE
11..	Calm	Calm	E	ENE	E	Calm	26	38.4	65.8	29.2	159.4	5	Ci.	Cu. ESE	9	Ci.-S.	Cu.-N.
12..	NE	Calm	Calm	SW	Calm	NE	28.4	26.9	46.4	23.5	125.2	5	Ci.	Cu.	9	Ci.-S.	Cu.-N.
13..	NE	Calm	SW	SW	SSE	Calm	26	28.8	55.2	28.3	138.4	8	Ci.-S. SE	S.-Cu. ENE	8	Ci.-S.	Cu.-N.
14..	Calm	Calm	SW	SW	SW	Calm	35.2	31.4	56.5	31.6	154.7	5	Ci.	Cu.	8	Ci.-S.	S.-Cu.
15..	Calm	NE	S	WNW	Calm	Calm	38.6	35.9	34.6	25.7	134.8	6	Ci.	Cu.	10	Ci.-S.	Cu.-N. SSE
16..	NE	NE	Calm	S	Calm	N	27.9	31.7	43.3	31.1	134	5	Ci.	Cu.	5	Ci.	Cu.
17..	NE	NE	Calm	Calm	Calm	E	35.1	34.1	42.1	25.1	136.4	8	Ci.-S.	S.-Cu. E	9	A.-S.	S.-Cu.
18..	NE	NE	Calm	SW	Calm	Calm	31.9	27.6	45.7	30.6	135.8	8	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.-N.
19..	Calm	Calm	S	SW	E	Calm	30.1	24.9	44.6	19.6	119.2	6	Ci.	Cu.	9	Ci.-S.	Cu.-N.
20..	Calm	NE	E	SW	Calm	Calm	25.7	43.8	39.2	30.6	139.3	6	Ci.	Cu.	5	Ci.	Cu.
21..	NE	Calm	NE	NE	N	NE	26	45.1	42.6	25.1	138.8	3	Ci.	.....	9	Ci.-S.	Cu.-N.
22..	NE	NE	NE	Calm	Calm	NE	27.1	31.9	43.3	22.3	124.6	4	Ci.	Cu.	7	Ci.	Cu.
23..	NE	Calm	NE	SW	SE	Calm	25.5	36.8	45.9	23.8	132	3	Ci.	.....	9	Ci.-S.	S.-Cu.
24..	E	Calm	SW	SSE	NE	NE	27.7	28.4	52.1	33	141.2	3	Ci.	.....	9	Ci.-S.	Cu.-N.
25..	NE	NE	NE	SW	NE	NW	30.8	72.4	69	77.7	249.9	5	Ci. ENE	Cu. E	7	Ci.	Cu. ESE
26..	Calm	NE	NE	NE	Calm	Calm	35.9	39.6	44.6	19.1	139.2	8	Ci.-S. S	S.-Cu. ESE	10	Ci.-S.	N.-cf.
27..	Calm	Calm	NE	S	Calm	E	20.3	38.9	48.9	37.6	145.7	10	A.-S.	S.-Cu. E	6	Ci.	Cu.
28..	NE	NE	Calm	SW	Calm	Calm	34.1	24.9	33.8	22	114.8	8	Ci.-S.	Cu. E	9	Ci.-S.	Cu.-N.
29..	Calm	Calm	Calm	S	NE	Calm	22.5	32.4	65.5	30.3	150.7	6	Ci.	Cu.	9	Ci.-S.	S.-Cu.
30..	Calm	NE	Calm	Calm	Calm	Calm	28.4	41.8	33.6	28.8	132.6	9	A.-S.	S.-Cu. ESE	8	Ci.-S.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	31.3	42.5	53.4	30.5	157.6	6	.....	.....	8.3	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,727.5	.....	.....	.....	.....	.....	.....

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

MAY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	56.54	57.07	57.92	55.81	56.45	58.54	57.06	24.3	23.6	30.3	34.4	31.5	27	28.5	36.3	23.2	89	90	63	56	63	78	73.2	.....
2..	57.38	57.66	58.59	56.28	57.95	58.61	57.74	25	25.2	33.2	31.7	26.1	24.9	27.7	36	24.4	85	90	60	56	83	86	76.7	8.1
3..	56.97	56.82	57.43	55.39	56.32	58.14	56.84	24.2	24	32.8	32.6	29.7	25.9	28.2	33.2	23.3	90	95	58	59	69	85	76	.....
4..	56.61	57.44	58.38	56.06	56.24	58.35	57.18	24.1	24	30.7	32	28	26.3	27.5	32.5	23.7	91	93	60	60	72	82	76.3	.....
5..	57.16	57.74	58.76	56.34	57.02	58.14	57.53	25	24.3	31.2	31	28.7	25.6	27.6	31.3	24.2	85	89	60	59	71	87	75.2	31.5
6..	57.04	57.67	57.82	56.35	57.17	58.27	57.39	24.2	23.7	30.3	27.8	28	25.3	26.6	32.8	23.5	90	92	63	79	77	89	81.7	.5
7..	57.08	57.40	58.54	56.12	57.45	58.51	57.52	24.1	24	28.7	31.2	25.8	25	26.5	31.3	23.3	91	96	73	64	84	92	83.3	15.7
8..	57.41	57.41	58.15	56.12	57.63	59.35	57.68	24	23	30	32.6	27.8	25.2	27.1	34.1	22.6	91	95	71	57	73	90	79.5	2
9..	57.71	58.09	58.48	56.19	57.84	58.91	57.87	24.2	24.3	30.5	33	26	25.1	27.2	34.1	23.9	90	89	62	55	84	91	78.5	.....
10..	57.37	58.14	58.29	56.26	56.99	58.69	57.62	24.6	24.7	30	32	28.3	26.2	27.6	32.7	23.9	87	87	64	60	71	82	75.2	.....
11..	57.15	56.99	58.18	55.39	56.52	57.64	56.98	24.5	25.3	31.5	31.1	30	26	28.1	32.3	23.4	87	89	63	65	62	84	75	.....
12..	56.89	57.62	58.54	56.05	57.40	59.33	57.64	25	24.7	30.8	32.9	30.4	27.1	28.5	33	24	92	94	62	56	63	82	74.8	.....
13..	58.02	57.91	58.37	56.96	58.44	59.34	58.17	25.8	25.4	31.9	29	27.7	25.8	27.6	33.7	25	89	92	55	67	74	85	77	.....
14..	58.41	59.52	59.63	57.47	57.81	59.14	58.66	24.5	24.6	30.8	32	30.8	26.5	28.2	33	24	87	88	60	63	69	80	74.5	.....
15..	58.29	59.84	59.68	57.67	58.08	59.58	58.86	25.2	25.1	33.7	26	30.2	27.2	27.9	34.3	24.9	90	88	57	84	70	78	77.8	41.4
16..	58.74	59.49	59.17	56.71	57.97	59.95	58.67	25.5	25.4	32.7	33.4	29.4	23.5	28.3	33.7	23	88	88	57	55	68	90	74.3	.....
17..	58.69	59.19	59.45	57.46	58.19	60.44	58.90	22.8	24.5	32.9	34	29	26	28.2	34.2	22.7	93	92	57	57	68	84	75.2	.....
18..	58.81	59.49	60.37	57.80	58.42	59.83	59.12	24	24.5	32	34	30.7	26	28.5	34.2	23.3	91	87	66	57	62	85	74.7	.....
19..	58.64	59.31	59.38	57.59	57.89	59.24	58.68	24.7	25	32.3	27.4	28.7	25.8	27.3	34.5	24.5	86	92	54	86	75	85	79.7	23.4
20..	57.11	57.40	58.08	56.24	57.20	59.25	57.55	25.1	24.9	31.4	32.6	27.3	25.1	27.7	33.2	23.8	91	84	63	56	82	91	77.8	.....
21..	56.86	57.46	58.23	55.72	56.74	58.74	57.29	22.9	22.8	29.3	33.9	29.4	25	27.2	34	22	89	88	69	51	68	92	76.2	.....
22..	57.51	58	58.61	56.17	57.35	58.87	57.75	24.6	26.4	31.4	33	26.2	24.8	27.7	33.1	24.1	87	81	63	61	90	85	77.8	15.5
23..	57.65	58.41	59.21	58.38	58.63	59.41	58.62	24.2	24.8	30.2	27.6	26.1	24.6	26.2	30.3	23.8	90	93	64	80	91	87	84.2	11.7
24..	58.31	58.37	58.84	57.14	57.73	58.74	58.19	25.3	26.4	29.9	26.4	25.5	24.6	26.4	29.9	24.4	89	89	67	89	91	87	85.3	2.8
25..	57.49	58.06	58.08	56.19	56.80	57.66	57.38	24.3	24.6	29.3	27.3	25.5	24.1	25.8	30.7	23.8	89	92	72	78	88	91	85	2
26..	57.44	57.88	58.42	56.70	57.50	58.94	57.81	24.1	24	28.8	26.5	26.2	24.6	25.7	31.8	23.4	91	91	75	90	90	87	87.3	2.6
27..	58.06	58.67	59.08	57.52	57.97	59.08	58.40	23.5	24	31.8	28	28.8	25.5	26.9	31.8	23.4	87	96	61	77	78	89	81.3	7.6
28..	57.87	57.86	58.72	56.54	56.58	58.19	57.63	24.4	24.7	32.3	28.3	26.5	24	26.7	32.5	23.5	88	86	64	82	80	91	81.8	3
29..	57.21	57.82	58.04	55.72	55.66	57.58	57	22.9	22.8	29.9	32.3	28.4	26.2	27.1	32.6	22	91	92	65	62	79	82	78.5	.....
30..	56.76	57.45	58.27	56.81	55.87	58.04	57.20	25	24.7	29.5	31	30.4	27.1	28	31.5	24.4	92	94	69	66	63	78	77	.....
31..	56.47	57.86	58.51	57.32	56.83	58.84	57.64	25.2	25	30.3	26.7	27.8	25.7	26.8	30.4	24	92	92	70	83	79	88	84	7.1
Mean	57.54	58.07	58.62	56.60	57.31	58.82	57.82	24.4	24.5	31	30.7	28.2	25.5	27.4	32.9	23.7	89.3	90.5	63.5	66.8	75.4	85.9	78.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	174.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	Calm	SW	Calm	S	Calm	29	28.2	50.5	29.2	136.9	5	Ci.	Cu.	7	Ci.	Cu.-N.
2..	E	NE	NE	SSE	W	Calm	25.5	55.8	59	21.7	162	8	Ci.-S. ENE	Cu. ESE	8	Ci.-S.	Cu.-N.
3..	E	E	ESE	S	Calm	E	25.9	31.6	57.9	27.2	142.6	8	Ci.-S. ENE	Cu.-N. E	9	Ci.-S.	Cu.-N. E
4..	NE	NE	SW	SW	NE	E	33.2	34.6	39.7	23.9	131.4	4	Ci.	Cu.	9	A.-S.	S.-Cu.
5..	E	Calm	NE	W	SE	SE	27.4	37.6	28.7	24.6	118.3	7	Ci.	Cu. E	9	A.-S.	Cu.-N. SE
6..	Calm	Calm	SW	NNE	Calm	Calm	17.1	22.7	37.3	27.2	104.3	5	Ci.	Cu.	10	A.-S.	N. NW
7..	NE	NE	NE	Calm	Calm	Calm	30.1	29	29	26.6	114.7	6	Ci. E	Cu. ENE	9	Ci.-S.	Cu.-N.
8..	NE	NE	Calm	SE	Calm	E	35.2	26.4	41.5	36.5	139.6	5	Ci.	Cu.	9	Ci.-S.	Cu.-N. E
9..	Calm	Calm	Calm	S	ENE	NE	28.7	20.3	46.7	36.5	132.2	5	Ci.	Cu.	10	A.-S.	N.
10..	NE	Calm	Calm	W	E	NE	34.6	16.9	30.9	28.8	111.2	9	Ci.-S.	S.-Cu.	10	A.-S.	S.-Cu. SE
11..	NE	NE	S	WSW	SW	Calm	40.2	58.2	66.3	30.4	195.1	5	Ci.	Cu. SE	8	Ci.-S.	Cu.-N.
12..	NE	NE	S	SW	SW	Calm	30.3	29.3	44.6	32	136.2	8	Ci.-S. NNE	Cu.-N. E	10	A.-S.	N. WSW
13..	Calm	Calm	S	N	Calm	Calm	31.2	34.1	39.7	28.7	133.7	6	Ci.	Cu.	9	A.-S.	N. SW
14..	NE	Calm	SW	S	SW	NE	32.2	23.3	68.6	36.7	160.8	8	A.-S.	S.-Cu.	9	A.-S.	Cu.-N. SE
15..	Calm	NE	NNE	NNE	Calm	E	36.7	41.6	38	25.9	142.2	6	Ci.	Cu. ESE	10	A.-S.	N.
16..	NE	NE	Calm	ENE	NE	Calm	23.6	34.4	47.5	24.6	130.1	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
17..	Calm	Calm	Calm	NE	Calm	NE	28.7	34.8	40.5	26.4	130.4	5	Ci.	Cu.	8	Ci.-S.	Cu.-N. SE
18..	Calm	Calm	NE	NE	Calm	Calm	26.9	62.5	63.6	24.6	177.6	4	Ci.	Cu.	6	Ci.	Cu.
19..	NE	Calm	Calm	Calm	Calm	NE	23.5	57.3?	25.9?	17.2	123.9	7	Ci.-S. NE	Cu. ESE	10	A.-S.	S.-Cu.
20..	Calm	Calm	ESE	SE	Calm	SE	22.3	35.9	40.4	24.6	123.2	5	Ci.	Cu.	9	Ci.-S.	Cu.-N.
21..	E	Calm	SW	E	E	E	31.2	28.2	51.8	29.2	140.4	4	Ci.	Cu.	7	Ci.	Cu.
22..	NE	Calm	Calm	E	Calm	Calm	30.8	37.6	40.5	22.7	131.6	6	Ci.	Cu.	8	Ci.-S.	Cu.-N.
23..	E	Calm	NW	Calm	Calm	SW	23.8	29.8	12.4	27.9	93.9	5	Ci.	Cu.	10	A.-S.	N.
24..	Calm	Calm	SW	E	NE	NE	25.4	19.5	38	26.6	109.5	5	Ci.	Cu.	10	A.-S.	N. SE
25..	Calm	E	NE	NE	SE	E	24.1	22.2	37.5	28.4	112.2	10	A.-S.	N. ESE	9	Ci.-S.	Cu.-N. ESE
26..	NE	Calm	SW	E	NE	N	28.2	21.5	37.6	24.6	111.9	9	A.-S.	S.-Cu.	9	Ci.-S.	Fr.-N. SE
27..	NE	Calm	NE	NE	E	NE	28.2	28	26.4	29	111.6	4	Ci.	Cu.	10	A.-S.	N. ESE
28..	NE	NE	N	E	E	NE	34.9	40.2	28.8	27.4	131.3	4	Ci.	Cu.	10	A.-S.	N. SE
29..	NE	NE	Calm	S	SE	NE	30.1	23	32.4?	28	113.5	4	Ci.	Cu.	8	Ci.-S.	Cu.-N.
30..	NE	Calm	Calm	SW	Calm	SE	26.6	16.7	24.6	19.6	87.5	5	Ci.	Cu.	8	Ci.-S.	Cu. SE
31..	E	NE	Calm	Calm	Calm	NE	30.1	24.7?	21.7?	23	99.5	6	Ci.	Cu.	10	A.-S.	N. E
Mean	.....	.....	.....	.....	.....	.....	28.9	32.4	40.3	27.1	128.7	6	.....	.....	8.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,989.3	.....	.....	.....	.....	.....	.....

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

JUNE, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.76	58.39	59.15	56.74	57.13	58.02	57.86	24.8	24.7	29.1	31.5	27	25.3	27.1	31.8	24.6	95	94	70	63	81	91	82.3	1
2..	57.27	58.02	58.29	56.58	56.67	57.15	57.33	25.2	24.8	30.8	25.3	26.5	25	26.3	31.8	24.3	92	93	67	89	88	92	86.8	9.1
3..	56.74	56.82	57.84	55.77	56.43	57.65	56.88	24.9	25.3	30	29.5	27.3	25.3	27	32	24.8	92	93	67	75	90	89	84.3	22.8
4..	56.22	56.89	57.27	55.67	56.57	58.17	56.80	24.5	24.4	32	32.7	28.3	26.8	28.1	34.3	23.9	94	96	57	62	75	86	78.3	.....
5..	57.07	57.73	58.74	56.40	56.64	58.67	57.54	25.3	25	29.7	33.7	31	25.6	28.4	34.4	24.8	96	96	76	57	63	87	79.2	1.8
6..	58.15	58.51	58.68	56.79	56.91	58.97	58	25	25.8	30.2	33.9	30.7	26.1	28.6	34	24.8	92	90	64	56	67	89	76.3	.....
7..	57.70	58	58.07	56.52	56.87	58.73	57.65	24.5	24.4	32.1	32.6	30.8	26.7	28.5	34.9	24	95	95	66	58	60	86	76.7	.....
8..	57.69	58.06	58.39	56.80	57.12	59.19	57.88	25.4	25.7	31.2	34.6	29.8	25.3	28.7	34.7	24.5	88	88	60	54	66	90	74.3	.....
9..	58.34	58.62	59.36	57.21	57.12	58.90	58.26	24.7	24.1	29.9	32.8	30.8	25.8	28	33.1	23.5	90	92	65	58	64	85	75.7	.....
10..	58.22	58.46	58.67	57.15	57.77	59.09	58.23	24.9	24.3	29.9	32.3	29.2	25.1	27.6	32.3	23.9	91	92	72	64	76	91	81	.....
11..	57.90	57.99	58.82	56.14	56.41	58.07	57.56	24.6	24.2	31.8	34.9	29.7	27	28.7	35.3	24.1	87	94	61	54	68	86	75	.....
12..	56.84	57.13	57.62	56.40	56.43	57.85	57.04	25.7	24.9	30.7	34.4	30.3	26.5	28.8	34.4	24.8	86	88	65	55	63	82	73.2	.....
13..	57.01	57.44	57.27	55.66	56	57.97	56.89	25.4	23.8	32.4	34.7	30.8	27	29	34.8	23.8	88	90	58	56	67	84	73.8	.....
14..	57.54	58.01	58.25	55.78	56.51	58.96	57.51	26	25.2	33.6	35	30.5	26.7	29.5	35.2	22.9	86	90	55	54	62	86	72.2	20.3
15..	58.59	58.66	58.94	57.45	57.67	59.15	58.41	23.2	23.3	33.6	33.8	31.2	26.3	28.6	34	22.9	93	94	58	54	64	90	75.5	.....
16..	57.94	58.06	57.84	56.02	55.95	57.72	57.26	25.8	24.8	32.7	30.9	30.4	26.8	28.6	34.7	24.7	88	93	58	62	63	85	74.8	.8
17..	57.02	57.23	57.08	54.84	56.03	57.25	56.58	24.9	24.3	31.1	31.2	26.2	25	27.1	33.2	24	91	94	61	61	83	92	80.3	1.3
18..	56.50	56.74	57.46	55.69	56.65	58.51	56.92	24.2	24	30.5	32	25.2	24.7	26.8	33	23.5	90	96	65	67	90	89	82.8	5.1
19..	58.17	58.44	58.87	57.72	58.06	59.64	58.48	24.3	24.2	29.3	29.2	24.8	25	26.1	31.3	23.7	89	95	69	66	92	92	83.8	11.2
20..	58.34	58.57	59.29	57.67	57.77	59.34	58.50	24.3	23.8	29.8	33.3	30.2	26.3	28	33.6	23.7	92	93	69	54	64	85	76.2	.....
21..	57.79	57.65	58.13	57	57.61	59.06	57.87	24.9	24.3	30.8	33.1	26.4	24.9	27.4	33.6	24	89	92	60	59	87	91	79.7	15.5
22..	57.57	57.67	57.32	56.25	56.89	58.50	57.37	24.3	24.2	30.2	28.1	26.2	24.1	26.2	31.1	23.9	95	95	70	77	86	91	85.7	.....
23..	57.14	57.23	57.49	55.65	56.73	58.31	57.09	23.9	23.3	29.4	32	23.6	24	26	32	23.3	92	96	68	63	91	91	83.5	8.9
24..	57.54	57.80	57.49	57.05	57.57	58.61	57.68	23.5	23.3	30.3	25.3	25	24.5	25.3	33.1	23	95	96	63	89	92	89	87.3	16.1
25..	57.07	57.06	57.39	55.19	56.20	57.34	56.71	24.1	23.3	29.8	32.4	26.3	24.9	26.8	32.5	22.8	91	92	66	64	87	87	81.2	2.5
26..	55.61	55.75	55.84	54.78	55.39	56.69	55.68	24	23	28.2	29.8	24.4	23.8	25.5	30	22.9	91	95	80	66	88	92	85.3	32.2
27..	55.71	56.45	57.86	56.87	57.36	58.31	57.09	23.2	23.8	25	26.2	26.7	25.1	25	27.2	23	93	93	92	85	85	91	89.8	9.4
28..	57.20	57.81	58.80	57.44	58.24	59.54	58.17	24	23.4	29.3	32.1	29.7	26	27.4	32.3	23.1	91	88	69	64	73	92	79.5	1
29..	58.82	58.64	58.68	57.17	57.37	59.03	58.28	24.5	24.6	30.3	33	29.9	26.1	28.1	33.3	24	92	93	64	55	68	91	77.2	.....
30..	57.59	57.73	58.92	57.04	56.57	58.04	57.65	24.9	25	30.3	28.8	30.3	25.8	27.5	32.5	24.6	92	93	63	72	63	85	78	.....
Mean	57.44	57.72	58.13	56.45	56.89	58.41	57.51	24.6	24.3	30.5	31.6	28.3	25.6	27.5	33	23.9	91.2	93	65.9	63.8	75.5	88.6	79.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	159

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	Calm	S	NW	NE	17.7	11.8?	26.6	27.4	83.5	4	Ci.	Cu.	9	A.-S.	Cu.-N. SE
2..	Calm	Calm	Calm	Calm	NE	Calm	31.4	25.9	31.7	30.6	119.6	10	A.-S. ENE	S.-Cu. ESE	10	A.-S.	N.
3..	Calm	NE	WSW	E	NE	Calm	26.8	38.4	35.6	21.5	122.3	9	A.-S. NNE	S.-Cu. E	10	A.-S.	Fr.-N. E
4..	SE	NE	E	NE	Calm	NE	25.9	47.8	52.9	31.2	157.8	8	Ci.-S.	Cu.	6	Ci.	Cu. E
5..	E	Calm	SE	S	Calm	E	19.5	31.7?	53.9?	24.4	129.5	6	Ci.	Cu.	6	Ci.	Cu.
6..	E	Calm	SW	Calm	E	E	26.4	24.9	39.9	24.9	116.1	5	Ci.	Cu.	6	Ci.	Cu. SE
7..	E	E	NE	Calm	Calm	Calm	27.4	37.6?	34.6	24.9	124.5	6	Ci.	Cu.	9	Ci.-S.	Cu.-N. SE
8..	Calm	Calm	Calm	Calm	Calm	N	.....	.....	.....	.....	.....	6	Ci.	Cu. SE	5	Ci.	Cu.
9..	Calm	Calm	Calm	SW	E	Calm	19	22.8	33.3	25.4	100.5	6	Ci.-Cu.	Fr.-Cu. SE	8	Ci.-S.	Cu.-N.
10..	Calm	Calm	Calm	Calm	Calm	Calm	27.2	42.1	28.7	29	127	5	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
11..	NE	E	Calm	NE	NE	NE	24.4	.....	67.6?	31.4	.....	5	Ci.	Cu.	9	Ci.-S.	Cu.-N. E
12..	NE	Calm	Calm	ESE	Calm	NE	21.7	53.4	52.3	27.7	155.1	6	Ci.	Cu. ESE	8	Ci.-S.	Cu.-N. ESE
13..	Calm	NE	Calm	Calm	Calm	Calm	28.2	63.3	.....	.....	.....	6	Ci.-Cu.	Cu. ESE	4	Ci.	Cu.
14..	Calm	Calm	ESE	ESE	NE	SE	.....	.....	77.5	30.4	.....	5	Ci.	Cu.	7	Ci.-S.	Cu. E
15..	NE	Calm	E	Calm	SE	Calm	29.2	27.4	34.8	29.2	120.6	6	Ci.	Cu.	6	Ci.	Cu.
16..	Calm	E	E	SW	Calm	E	20.9	34.8	25.4	23.3	104.4	6	Ci.	Cu. E	9	Ci.-S.	Fr.-N.
17..	E	E	SW	NE	NE	NE	29.3	25.4	62	26.6	143.3	9	A.-S.	S.-Cu. ESE	10	A.-S.	N. SE
18..	NE	NE	SW	S	Calm	NE	30.6	20.7	39.7	30.3	121.3	7	Ci.-S.	Cu. E	5	Ci.	Cu.
19..	E	E	SW	NE	Calm	NE	26.2	32.2	46.2	23.3	127.9	10	A.-S.	S.-Cu. E	10	A.-S.	N.
20..	Calm	NE	SW	SW	NE	NE	27.6	21.4	64.9	34.8	148.7	7	Ci.-S.	Cu.	7	Ci.-S.	Cu.
21..	NE	NE	S	S	NE	E	29	25.4	64.1	29.8	148.3	6	Ci.	Cu. SW	8	Ci.-S.	Cu.-N.
22..	NE	Calm	Calm	SE	S	E	22.7	24.6	41	40.5	128.8	10	A.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. SSE
23..	E	NE	W	N	NE	NE	30.6	23.1	.....	.....	.....	10	A.-S.	S.-Cu. SE	5	Ci.	Cu.
24..	NE	NE	SW	NE	Calm	E	.....	.....	41.8	24.1	.....	10	A.-S.	S.-Cu. SW	10	A.-S.	N. SW
25..	NE	Calm	E	NE	Calm	E	34	38.3	44.9	24.3	141.5	10	A.-S.	S.-Cu.	7	Ci.-S.	Cu.-N.
26..	NE	Calm	Calm	S	NE	Calm	24.1	20.1	34	30.1	108.3	10	A.-S.	S.-Cu. SW	10	A.-S.	Cu.-N. SW
27..	N	NE	SW	SW	SE	NE	32.8	34.4	29.8	27.6	124.6	10	A.-S.	S. SW	10	A.-S.	S.-Cu.
28..	NE	Calm	W	SW	SE	Calm	24.6	19.8	22.5	28.5	95.4	7	Ci.-Cu. WNW	Cu. SW	7	Ci.-S.	Cu.-N. SW
29..	E	NE	SW	S	SW	N	29.5	32.5	49.7	23.9	135.6	8	Ci.-S.	Cu. SW	6	Ci.	Cu.
30..	Calm	NE	NE	NE	Calm	NE	21.2	35.6	32	24.1	112.9	7	Ci.-S.	Cu.	9	A.-S.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	26.2	31.4	43.2	27.7	124.9	7.3	.....	.....	7.7	.....	.....

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

JULY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	56.99	57.24	57.92	57.03	56.49	57.76	57.24	24.8	24.5	29.8	30	26.6	23.7	26.6	31	23.3	90	92	66	68	80	91	81.2	0.5
2..	56.85	56.97	57.25	55.79	57.64	58.45	57.16	23	24.8	30	31.8	25.1	24.5	26.5	32	22.5	95	89	65	61	91	89	81.7	19.6
3..	56.45	56.45	57.19	55.57	55.73	58.24	56.60	23.5	23	29.9	31.8	29.8	26.1	27.4	31.8	22.8	92	96	65	61	73	85	78.7	8.4
4..	55.99	55.92	56.73	55.04	55.48	56.77	55.99	26	25.1	29.8	29.1	28.9	27	27.6	29.8	24.2	85	92	66	72	74	78	77.8	.....
5..	55.28	55.12	56.55	54.91	55.14	56.70	55.62	24.3	24.4	29.3	30.4	28.5	26.8	27.3	30.5	23.7	92	93	70	66	74	78	78.8	.....
6..	55.22	55.14	56.29	54.63	54.60	57.37	55.54	25.4	26.6	29	31	29.3	27.4	28.1	31	24.7	88	87	72	65	70	78	76.7	.....
7..	56.14	56.27	56.84	55.47	55.79	58.29	56.47	24.6	25.2	30.3	28.4	28.2	25	27	31.1	24.4	87	90	70	73	73	92	80.8	.....
8..	56.36	56.53	57.44	55.94	55.80	57.26	56.56	24.1	23.8	29.8	28.5	26.9	24.3	26.2	30.3	23.4	91	92	67	74	85	89	83	.....
9..	56.36	56.28	57.28	55.75	55.70	57.03	56.40	23.4	23.5	30	31.4	30	26.2	27.4	31.9	22.7	93	93	66	66	65	82	77.5	.....
10..	56.42	56.55	57.22	55.27	56.43	57.42	56.55	24.2	24	30.3	31.3	27.5	25.1	27.1	32	23.9	90	93	64	64	78	91	80	1.5
11..	56.30	56.65	57.13	55.51	56.34	57.59	56.59	24.2	23.7	29.9	30.6	25.3	25	26.4	31	23.4	90	94	67	68	89	92	83.3	31
12..	56.30	56.26	56.42	54.93	56.49	57.45	56.31	24.9	25.8	28.4	29.3	25.5	26	26.6	29.7	24.8	87	85	75	72	88	90	82.8	.....
13..	54.32	54.38	55.33	54.61	55.64	56.24	55.09	26.4	27	29.8	30.7	25.2	24	27.2	30.7	23.8	81	81	73	67	90	91	80.5	2.3
14..	55.44	55.31	55.95	54.34	55.11	56.81	55.49	23.1	23	29.3	31.3	25.9	25	26.3	32.6	22.4	96	96	69	70	87	92	85	1.8
15..	55.64	55.97	56.92	55.35	55.82	56.99	56.12	23.7	23.3	28.8	29.3	27.7	25.1	26.3	31.1	22.8	92	92	75	69	81	91	83.3	3.6
16..	55.54	55.67	56.19	53.76	54.24	56.06	55.24	23.6	23.3	30	26.8	27.9	23.8	25.9	32	23	93	94	66	78	78	90	83.2	61.5
17..	54.67	54.86	56.31	54.74	54.92	56.44	55.32	23.4	23.8	24.2	24.8	25.9	23.4	24.2	26	22.8	95	93	93	93	85	95	92.3	38.4
18..	55.16	55.46	56.03	54.43	55.20	56.71	55.50	22.8	23.6	25.7	27.3	26.5	24.8	25.1	27.4	22.6	92	93	86	78	82	92	87.2	7.6
19..	55.79	55.19	56.18	55.56	55.77	58.13	56.10	24.9	24.8	28.2	30.5	27.8	25.2	26.9	30.6	23.8	92	92	76	71	79	90	83.3	3.3
20..	56.84	56.70	57.44	56.53	57.04	58.71	57.21	23.5	22.8	28.5	29.8	27.9	25	26.2	31.2	22.4	92	92	74	70	82	92	83.7	.....
21..	56.84	56.88	57.54	56.37	57.21	58.54	57.23	23.8	23	28.8	32.3	30	25.3	27.2	32.4	22.5	91	97	72	64	65	89	79.7	.....
22..	57.69	57.89	58.42	57.19	58.12	59.67	58.16	24.6	23.5	29.7	30.7	27.3	25	26.8	32.3	23	93	96	67	62	82	92	82	5.1
23..	58.56	58.72	59.29	57.79	58.49	59.45	58.72	24.1	23.6	29.7	26.3	25.9	24.1	25.6	30.6	23.4	92	95	69	88	85	96	87.5	19.8
24..	58.29	58.41	58.93	58.44	58.15	58.96	58.53	23.7	23.7	29.1	23.7	23.3	23.3	24.5	29.2	22.6	94	94	73	91	91	92	89.2	30.2
25..	57.88	57.23	57.40	56.54	56.98	58.06	57.35	23	23.6	29.3	29.5	27.5	25	26.3	30	22	95	93	70	71	76	92	82.8	.....
26..	56.56	56.75	57.59	56.07	56.22	57.09	56.71	24.4	24.7	26.9	29.7	28.7	24	26.4	31.2	23.8	93	92	82	73	75	93	84.7	20.1
27..	56.54	56.69	56.86	55.32	55.02	56.64	56.18	24.1	24.2	28.5	29.8	27.8	26.3	26.8	30	23.6	93	93	81	69	79	83	83	22.9
28..	55.36	55.74	55.99	54.87	55.64	56.71	55.72	25.5	23.5	29	30.4	25	26.2	26.6	31.4	23.4	88	96	75	73	96	90	86.3	8.3
29..	55.29	55.46	56.49	55.46	56.23	57.10	56	26.3	26.7	29.6	27.5	27	25	27	29.9	24.5	90	90	74	84	84	92	85.7	6.9
30..	56.28	56	57.04	56.07	56.32	57.57	56.55	24.7	26	28.3	29.6	28.3	27.3	27.4	29.7	24.6	94	92	80	74	79	90	84.8	.....
31..	56.38	56.90	57.08	56.07	56.14	57.59	56.69	26.8	26.7	29.2	28	27.3	27	27.5	29.8	25.5	87	86	76	79	82	81	81.8	.....
Mean	56.25	56.31	57.01	55.66	56.13	57.54	56.48	24.3	24.4	29	29.4	27.2	25.2	26.6	30.7	23.4	91.1	92	72.4	72.1	80.6	89	82.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	292.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	N	NE	E	S	E	24.6	33.5	22	22.2	102.3	9	Ci.-S.	Cu.-N.	10	A.-S.	Fr.-N. NE
2..	E	E	Calm	S	E	NE	27.1	17.5	35.7	30.4	110.7	8	Ci.-S.	Cu.-N. E	10	A.-S.	N. SE
3..	NE	NE	S	SW	WSW	W	29.8	29.6	44.6	23.9	127.9	4	Ci.	Cu. SE	7	Ci.	Cu.
4..	SW	N	WSW	SW	SW	WSW	35.2	39.1	27.4	27.1	128.8	9	ci.-s. NNW	Cu.-N. WNW	8	Ci.-S.	Cu.-N.
5..	Calm	NE	WSW	WSW	WSW	Calm	28.2	45.1	70.3	22.8	166.4	4	ci.-cu. NW	Cu. W	10	A.-S.	S.-Cu.
6..	SW	Calm	SSW	SW	Calm	Calm	22.3	25.4	42.6	23.5	113.8	6	Ci.	Cu. W	6	Ci.	Cu.
7..	E	NE	SW	S	Calm	Calm	26.6	27.2	31.9	33.8	119.5	6	Ci.	Cu.	7	Ci.-S.	Cu. WSW
8..	E	NE	W	SW	SW	NE	23.5	25.7	46.5	23.6	119.3	4	Ci.	Cu.	10	A.-S.	S.-Cu. SW
9..	Calm	NE	S	SW	W	E	29.2	38.6	32.5	23	123.3	2	Ci.	.....	6	Ci.-Cu.	Cu.
10..	NE	NE	S	WSW	Calm	Calm	28.4	27.7	28.2	19.9	104.2	5	Ci.	Cu.	7	Ci.-S.	Cu. SW
11..	N	NE	SW	WSW	NE	WSW	26.6	31.4	24.4	31.9	114.3	7	Ci.	Cu. W	10	A.-Cu.	S.-Cu.
12..	SW	SSW	WSW	Calm	SW	Calm	35.2	42	74.5	30	181.7	10	A.-S.	S.	10	A.-S.	S.-Cu. WSW
13..	Calm	SSW	SSW	WSW	SW	Calm	15.9	64.9	60.9	16.7	158.4	9	A.-Cu. W	S.-Cu. SW	9	Ci.-S.	S.-Cu.
14..	N	NE	Calm	SW	Calm	Calm	24.6	23.9	25.4	21.2	95.1	10	A.-S.	S.-Cu. SW	8	Ci.-S.	Cu.-N.
15..	NE	NE	Calm	Calm	Calm	E	27.1	23.8	16.7	21.7	89.3	9	Ci.-S.	Cu.-N. SW	8	Ci.-S.	Cu.-N. SSW
16..	Calm	Calm	NE	NE	Calm	N	21.2	29.5	20.3	26.9	97.9	8	ci.-cu. NW	Fr.-Cu. WNW	10	A.-S.	N.-cf.
17..	SE	SSW	SW	SW	Calm	E	26.6	41.3	28.2	25.1	121.2	10	A.-S.	N SW	10	A.-S.	N. SW
18..	Calm	Calm	Calm	W	SW	E	25.4	20.3	30.9	23.6	100.2	10	A.-S.	S.-Cu. SW	9	A.-Cu. W	S.-Cu. SW
19..	Calm	SE	Calm	SW	SW	Calm	28.4	16.9	33.6	21.4	100.3	10	A.-S.	S. SW	7	Ci.	Cu.
20..	NE	NE	Calm	S	Calm	NE	22.5	22.8	20.6	27.4	93.3	6	Ci.	Cu.	6	Ci.	Cu.
21..	NE	NE	Calm	WSW	Calm	E	23.3	23.9	24.6	23.6	95.4	7	ci.-cu. NW	Cu. SW	6	Ci.	Cu.
22..	E	NE	SW	S	NW	NE	31.7	21.2	23.6	22.5	99 [a]	9	A.-S.	S.-Cu.	9	A.-S.	S.-Cu. SW
23..	NE	NE	NE	Calm	NE	NE	22.8	19.1	23.3	21.5	86.7	10	A.-Cu. WNW	S.-Cu. SW	10	A.-S.	Fr.-N.
24..	NE	NE	Calm	Calm	N	NW	26.4	24.7	a4.5	29	a84.6	10	A.-S.	S.-Cu.	10	A.-S.	N. W
25..	E	NE	S	WSW	Calm	Calm	35.4	22.8	18.2	25.7	102.1	9	A.-Cu. WNW	Cu. W	9	Ci.-S.	Cu.-N. W
26..	NE	NE	NW	SW	SW	NE	24.1	19.3	35.2	27.1	105.7	10	A.-S.	S.	8	Ci.-S.	S.-Cu. W
27..	NE	SW	Calm	SW	Calm	Calm	25.1	24.7	24.6	11.3	85.7	10	A.-S.	Fr.-N. SW	7	Ci.	Cu.
28..	SW	Calm	WSW	WSW	Calm	SW	15.8	15.1	46.9	20.4	98.2	10	A.-S. NW	N. W	10	A.-S.	S.-Cu.
29..	Calm	SW	SW	WSW	Calm	Calm	17.5	44.8	27.7	20.9	110.9	10	A.-Cu.	s.-cu. WSW	10	A.-S.	Fr.-N. WSW
30..	Calm	Calm	SW	WSW	SW	SW	15.5	49.1	143.2	64.7	272.5	9	A.-S.	S.-Cu.	8	Ci.-S.	Cu. SW
31..	SW	WSW	SW	WSW	WSW	SW	41.8	94.6	137.6	70.6	344.6	10	A.-Cu.	S.-Cu. SW	9	Ci.-S.	Cu.-N. SW
Mean	.....	.....	.....	.....	.....	.....	26.1	31.8	39.6	26.9	124.3	8.1	.....	.....	8.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,853.3	....	.....	.....	.....	.....	.....

[a] 5 hours missing.

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

AUGUST, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	56.47	56.53	57.24	56.19	56.26	57.90	56.76	26.5	24.7	30.4	30.3	29	25	27.6	30.6	24.4	85	91	73	70	76	92	81.2	.....
2..	56.54	56.87	57.78	56.28	56.32	57.81	56.93	23.4	23.2	29.8	31.2	29.8	27.7	27.5	31.7	22.6	94	93	73	64	73	79	79.3	.....
3..	56.70	56.33	57.55	56.12	55.98	57.27	56.66	24.7	26	29.2	29.6	28.5	25.4	27.2	30.2	24.4	86	89	76	72	78	88	81.5	.....
4..	56.29	56.46	57.48	56.14	56.28	57.66	56.72	25.3	25	26.9	27.6	26.2	24.2	25.9	28.2	23.7	95	96	77	77	87	90	87	6.1
5..	57.43	57.51	57.60	56.42	56.57	58.34	57.31	23.7	24.5	27.8	31.2	27.6	26.2	26.8	32.3	23.4	92	92	79	64	81	90	83	.5
6..	57.54	57.79	58.33	57.26	57.02	58.14	57.68	24.5	24	30.4	28.2	28.6	25	26.8	33.1	23.6	92	96	69	79	84	92	85.3	.....
7..	57.30	57.49	57.33	56.04	56.54	57.37	57.01	23.7	22.6	28.8	31.7	27	24.3	26.4	33.9	22.5	85	93	72	62	89	89	81.7	3
8..	56.45	56.46	57	55.32	55.81	57.49	56.42	24.4	24	29.3	30.4	29.2	25.4	27.1	32	23.5	93	96	69	69	76	88	81.8	.....
9..	56.38	57.14	57.38	56.25	56.52	58.09	56.96	25	24.8	29.3	27.7	28.2	25	26.7	32	23.7	92	89	76	79	86	92	85.7	3.1
10..	57.04	57.06	58.04	55.76	55.93	56.78	56.77	23.4	23.1	29.1	31.1	29	27.9	27.3	31.6	22.5	93	96	70	65	75	88	81.2	.....
11..	55.54	55.45	56.27	55.72	56.02	57.62	56.10	27.4	27.5	29.9	29.3	28.8	26.7	28.3	30.2	24.6	89	88	72	79	76	86	81.7	1.3
12..	56.80	56.96	57.87	56.31	56.68	58.60	57.20	23.9	23.5	30.6	32.4	30.2	25.3	27.6	32.9	23	92	96	72	64	70	89	80.5	.....
13..	58.07	58.04	58.32	55.80	56.44	58.12	57.46	24	23.6	29.5	31.9	29	26.7	27.4	32.4	23	93	95	75	64	78	86	81.8	.....
14..	57.10	57.09	57.41	55.27	56.23	57.15	56.71	25	23.5	31.6	34.3	28	25.3	28	34.4	23.4	92	96	62	55	77	89	78.5	.....
15..	56.05	56.21	56.98	54.92	54.97	56.32	55.91	24.8	25	30	32.3	30.2	27.6	28.3	33.2	24	92	95	67	59	70	80	77.2	.....
16..	54.99	54.51	54.71	52.93	53.16	53.49	53.96	25.1	24.5	31.2	34	29.9	28.4	28.8	34.7	24	91	92	64	56	72	82	76.2	.....
17..	52.53	52.44	53.09	51.83	51.99	53.35	52.54	26	28	30	30.3	27.9	27	28.2	30.9	25.2	92	85	71	70	83	86	81.2	4.1
18..	53.06	53.06	54.32	53.31	53.77	55.54	53.84	27	27	27.3	27.7	26.6	27	27.1	27.8	26	92	88	90	87	87	90	89	7.4
19..	55.21	55.96	56.41	55.44	55.54	57.08	55.94	26.3	26	27.2	28.9	29	26.4	27.3	29.7	25.2	90	89	83	74	78	90	84	1.3
20..	56.39	56.61	57.29	56.07	56.74	58.50	56.93	26.7	25.3	29.6	30.4	29	25.7	27.8	30.5	24.8	86	93	77	69	78	88	81.8	.....
21..	58.22	58.42	58.77	57.37	58.09	59.44	58.38	24.2	24	30.3	33.2	25	25	27	34.2	24	95	96	70	60	92	92	84.2	6.4
22..	58.81	59.09	59.44	57.51	57.82	59.28	58.66	24.4	23.6	31.4	33.7	26.7	25.5	27.6	34.6	23.5	93	95	63	57	86	88	80.3	1
23..	58.86	58.81	58.86	58.44	58.33	60.43	58.96	24	23.5	31.7	28.4	29.5	26.7	27.3	33.9	22.8	93	96	62	75	75	86	81.2	2
24..	58.91	59.48	60.14	58.42	59.02	59.92	59.32	23.7	23.8	31.8	31.2	29.7	25.8	27.7	32.8	23.2	94	93	64	67	73	87	79.7	.....
25..	59.06	59.82	59.72	58.37	58.39	59.43	59.13	24.7	24	30.3	27.3	26.6	24.2	26.2	32.2	23.4	94	96	70	90	92	90	88.7	3.3
26..	58.15	58.12	58.59	56.84	57.01	58.29	57.83	23.1	23	29.4	31.2	28.8	25.9	26.9	32.3	22.9	94	96	75	64	76	85	81.7	.....
27..	57.29	57.79	58.24	56.42	56.74	59.07	57.59	24.9	23.8	30.8	32	29.9	27	28.1	33.1	23.5	84	92	67	66	72	86	77.8	6.1
28..	58.41	58.48	59.02	56.59	56.98	58.94	58.07	25	24.8	30.4	33.9	28.5	25.3	28	34.1	24.4	93	94	69	58	74	91	79.8	1.5
29..	57.74	57.43	57.76	55.06	55.54	56.79	56.72	24.9	24.8	31.2	32.7	27.2	24.3	27.5	35	23.6	94	93	63	60	83	89	80.3	.....
30..	55.89	55.40	56.29	53.97	54.39	56.22	55.36	23.4	23	29.9	33.9	27	25	27	34.1	22.5	93	96	75	58	88	92	83.7	10.9
31..	55.22	54.89	55.89	53.80	53.82	56.15	54.96	24.4	24	31.2	29.5	29.3	25.9	27.4	32.7	23.6	93	96	71	75	76	85	82.7	3.6
Mean	56.79	56.89	57.46	55.88	56.16	57.63	56.80	24.8	24.5	29.9	30.9	28.4	25.9	27.4	32.3	23.7	91.5	93.3	71.5	68	79.4	87.9	81.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	61.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	NE	W	WSW	SW	NE	42	45.1	96.4	37.2	220.7	6	Ci.	Cu. SW	6	Ci.	Cu.
2..	NE	NE	Calm	WSW	SW	W	28.4	30.4	84.5	44.8	188.1	6	ci.-cu. NW	Cu. SW	5	Ci.	Cu.
3..	NE	W	SW	WSW	SW	SE	22.2	44.8	46.4	23.9	137.3	9	Ci.-S.	Cu.-N. SW	10	A.-S.	S.-Cu.
4..	E	Calm	Calm	WSW	SW	Calm	30.4	28.5	52	38.6	149.5	10	A.-S.	S.	10	A.-S.	s.-cu. WSW
5..	N	E	Calm	Calm	S	Calm	25.4	23.8	28.7	21.9	99.8	10	A.-S.	Fr.-N. SW	10	A.-S.	S.-Cu.
6..	E	Calm	SE	SE	Calm	NE	22.8	28.5	31.2	24.3	106.8	5	Ci.	Cu. SSW	10	A.-S.	N.
7..	NE	NE	Calm	NNE	Calm	E	29.6	21.7	41.3	21.7	114.3	5	Ci.	Cu.	10	A.-S.	N. E
8..	Calm	N	NE	NE	NE	N	31.4	48.3	69.2	46.4	195.3	4	Ci.	Cu.	9	Ci.-S.	S.-Cu.
9..	Calm	Calm	NNE	NE	Calm	Calm	33.6	41.6	29	23	127.2	8	Ci.-S. NE	Cu.-N. E	10	A.-S.	Fr.-N.
10..	NE	NE	S	S	WSW	SSW	29.8	25.4	74.6	48.8	178.6	4	Ci.	Cu. E	9	Ci.-S.	S.-Cu.
11..	SW	SW	SW	SW	WSW	W	75.9	99.6	96.6	38	310.1	8	Ci.-S. NW	Cu. SW	10	A.-S.	S.-Cu.
12..	NE	NE	SW	S	SW	NE	32.4	25.5	39.6	33.5	131	4	Ci.	Cu. SW	5	Ci.-Cu.	Cu.
13..	NE	Calm	SE	S	Calm	E	32.8	21.2	30.8	29.5	114.3	8	Ci.-S.	cu.-N. SSW	9	A.-S.	S.-Cu.
14..	NE	NE	SE	SW	SW	E	32.2	25.5	63	28.7	149.4	4	Ci.	Cu.	5	Ci.	Cu.
15..	E	NE	SW	Calm	WNW	W	34.6	42.9	44.3	24.6	146.4	6	Ci.	Fr.-Cu. NE	7	Ci.-Cu.	Cu.
16..	NE	NE	SW	W	W	SW	29.2	29.5	58.1	29.8	146.6	6	Ci.	Cu. NNE	9	A.-S.	Cu.-N.
17..	Calm	SW	SW	SW	SW	SW	32.8	85.6	92	83.5	293.9	10	A.-S.	S. WNW	10	A.-S.	S. W
18..	SW	SW	SW	SSW	SW	SW	96.3	108.9	139.7	85.1	430	10	A.-S.	Fr.-N. WSW	10	A.-S.	Fr.-S. SW
19..	SW	WSW	SW	SW	SW	Calm	56.8	104.4	62.2	46.9	270.3	10	A.-S.	N. SW	9	A.-S.	S.-Cu. SW
20..	SW	E	W	SW	SW	E	46.1	35.6	39.1	25.1	145.9	10	A.-S. NW	S.-Cu. SW	10	A.-Cu.	S.-Cu.
21..	E	Calm	S	S	NE	NE	23.9	22.2	54.1	41.5	141.7	9	A.-S.	S.-Cu. SW	8	Ci.-S.	Cu.-N. SW
22..	NE	NE	NE	SW	Calm	NNW	41.2	34.4	40.2	37.6	153.4	5	Ci.	Fr.-Cu. SW	7	Ci.-S.	Cu.-N.
23..	NE	NE	ENE	E	Calm	N	30.3	36.2	39.7	38	144.2	3	Ci.	.....	9	Ci.-S.	Fr.-N.
24..	E	NE	NE	SE	Calm	E	31.9	29.8	32.4	27.7	121.8	2	Ci.	.....	8	Ci.-S.	Cu.-N. SW
25..	Calm	NE	S	E	NE	NE	34.4	27.7	36.4	29.6	128.1	4	Ci.	Cu.	9	Ci.-S.	Fr.-N.
26..	NE	NE	Calm	W	S	E	31.9	30.9	38.1	24.3	125.2	9	Ci.-S.	S.-Cu.	10	A.-S.	N.
27..	Calm	Calm	SW	S	SW	NE	30.1	29	59	34.1	152.2	3	Ci.	.....	8	Ci.-S.	Cu.-N. SW
28..	NE	NE	S	S	Calm	E	31.1	29.8	39.7	28.8	129.4	4	Ci.	Cu.	8	Ci.-S.	N.
29..	Calm	NE	SW	SW	SE	E	34	31.6	39.6	32.4	137.6	7	A.-Cu. SE	Cu. E	9	A.-S.	S.-Cu. NE
30..	Calm	NE	SW	SW	NW	N	40	29.6	46.4	30.8	146.8	9	A.-Cu.	Cu.	5	Ci.	Cu.
31..	NE	Calm	NE	NE	NE	Calm	32.7	27.1	47	22.8	129.6	7	Ci.-S.	Fr.-Cu. E	9	A.-S.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	36.3	40.2	54.6	35.6	166.6	6.6	.....	.....	8.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,165.5	.....	.....	.....	.....	.....	.....

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

SEPTEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	55.19	54.97	55.99	54.64	54.69	56.16	55.27	24.4	24.5	29.3	28.9	25.4	25	26.2	29.8	23.8	92	92	80	79	89	92	87.3	22.6
2..	55.60	55.32	56.24	54.76	55.16	56.45	55.59	23.6	23.8	29.3	25.4	26	25.5	25.6	31.6	23.4	95	93	76	88	88	88	88	39.4
3..	55.90	55.85	56.60	54.79	55.59	56.69	55.90	24	23.5	29.8	31.2	29.8	26.8	27.5	32	23.1	93	96	73	64	74	86	81	15
4..	56.41	56.27	56.84	55.09	55.57	57.15	56.22	24.4	24	29.5	31	26.7	25.9	26.9	31.5	23.5	93	96	68	59	83	86	80.8	3.6
5..	56.44	56.41	57.03	55.40	56.06	57.34	56.45	24.2	23.5	29.2	29.5	26	24.4	26.1	30.1	23.2	93	96	70	70	85	88	83.7	5.9
6..	56.72	56.85	57.44	55.88	56.48	57.96	56.89	23.4	23.5	28.9	30.4	28	25	26.5	30.7	22.9	95	96	71	63	74	92	81.8	.....
7..	56.35	56.10	57.03	54.84	55.28	56.99	56.10	24.2	24	30	31.6	27.7	25.8	27.2	32.5	23.5	93	94	67	65	74	85	79.7	.....
8..	55.84	55.82	56.42	54.22	55.32	56.89	55.75	24.3	24.2	30.7	31.5	26.8	25.4	27.2	33	23.8	95	95	62	63	90	90	82.5	.....
9..	56.02	56.27	57.29	55.38	56	57.64	56.43	24.6	24.5	27	29	25	23.8	25.6	29.2	23.5	95	96	78	71	92	91	87.2	23.1
10..	56.49	56.38	57.66	55.35	55.60	57.04	56.42	25.6	23.5	26.9	28.5	27.5	27.2	26.5	28.9	23.2	87	96	85	81	84	90	87.2	14.5
11..	56.14	55.96	56.99	55.89	56.35	58.03	56.56	25.3	26.8	28.8	28.2	27.3	26.3	27.1	28.9	25	89	86	79	86	82	90	85.3	4
12..	57.09	57.16	57.99	56.57	57.23	58.58	57.44	25.4	26	30.8	31.1	29.5	25.3	28	31.2	24	88	89	62	65	68	89	76.8	.....
13..	57.79	58.20	58.82	57.13	57.18	58.90	58	23.7	24.2	32.2	31.2	29.2	25.4	27.6	33.1	22.7	92	94	61	65	76	88	79.3	23.6
14..	57.91	57.89	59.47	57.41	58.24	59.55	58.41	24.8	23.5	26	31.7	26.9	25.3	26.4	31.8	23.4	92	96	85	62	85	89	84.8	.8
15..	59.07	59.15	59.39	56.98	57.45	59.25	58.55	24.3	24	30	32.9	26	24.9	27	33.1	23.9	92	96	65	61	92	87	82.2	5.8
16..	58.01	58.14	58.59	56.73	56.75	58.19	57.74	24.3	24.5	29	30.2	26.5	24.9	26.6	31.8	23.7	89	92	78	64	91	91	84.2	2
17..	56.81	56.91	58.43	56.37	57.45	58.81	57.46	24.3	24	26.8	28	26.6	24.9	25.8	28.9	23.8	94	96	86	81	87	88	88.7	1.3
18..	58.06	58.16	59.09	56.92	57.90	59.52	58.28	23.3	24	29.9	31.3	26.1	24.9	26.6	33	23	96	96	67	66	91	91	84.5	1.3
19..	58.59	59.07	59.47	57.14	57.39	58.89	58.42	24.4	24.2	30.2	31	26.8	24.6	26.9	33	24	95	94	64	61	81	87	80.3	6.9
20..	58.06	57.86	58.50	56.47	56.83	58.31	57.67	23	24	29.3	28.5	27.7	25.4	26.3	30.3	22.4	94	96	72	74	79	89	84	.....
21..	57.44	57.61	59.06	57.43	58.38	59.27	58.20	25	24	28.8	30	24.8	24	26.1	30.8	23.8	92	93	74	65	89	91	84	5.7
22..	58.46	58.46	59.26	57.26	58.15	59.84	58.57	23.4	22.8	28	32.1	24.5	24	25.8	32.4	22.5	93	92	77	66	92	91	85.2	21.1
23..	58.25	57.61	58.61	56.47	56.82	58.16	57.65	23.4	22.6	28.2	29.5	27	24.9	25.9	30.3	22.4	94	93	76	72	88	86	84.8	1
24..	57.84	57.91	58.59	55.59	55.67	57.25	57.14	23.7	23.5	28	28.6	28	25	26.1	31	23.3	92	95	77	80	85	92	86.8	.....
25..	56.34	56.29	56.89	54.88	55.03	57.10	56.09	24.5	24.3	29.1	29.6	26.6	25	26.5	30	24	95	96	70	74	87	92	85.7	3.6
26..	55.71	55.91	56.98	55.02	56.35	57.76	56.29	24	23.2	30.3	30.7	26	25	26.5	30.9	23.1	93	96	67	67	92	92	83.8	5.3
27..	56.78	57.21	57.57	55.69	55.97	57.31	56.76	23.3	23	29.8	29.2	28	25.1	26.4	30	22.8	92	96	70	70	77	91	82.7	.8
28..	56.34	56	56.79	55.07	55.94	57.64	56.30	24.3	24	29.7	30.4	27.8	24.7	26.8	30.9	23.5	94	95	67	69	79	90	82.3	4.1
29..	56.51	56.42	57.64	56.15	56.65	58.63	57	24.2	24	29.3	29.6	26.1	24.8	26.3	29.7	23.5	93	96	69	70	91	85	84	.....
30..	57.10	57.17	58.25	56.88	57.28	59.31	57.66	23.8	23.5	30	27.8	25.8	24.2	25.8	31.2	23.3	92	93	66	79	90	90	85	3.6
Mean	56.98	56.98	57.83	55.95	56.49	58.02	57.04	24.2	24	29.2	30	26.9	25.1	26.5	31.1	23.4	92.7	94.2	72	70	84.5	89.2	83.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	215

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	E	NE	Calm	SW	N	NE	29.3	31.2	63.1	28.8	152.4	8	Ci.-Cu. NE	Cu. E	9	Ci.-S.	Cu.-N.
2..	NE	NE	Calm	SE	SW	SW	33.3	29.2	62.5	56.5	181.5	9	Ci.-S.	S.-Cu.	10	A.-S.	N.
3..	NE	E	S	SW	WSW	NE	33	42.9	85.3	32.2	193.4	9	A.-Cu.	S.-Cu. W	9	Ci.-S.	Cu.
4..	Calm	NE	Calm	S	Calm	Calm	38.8	22.3	56.8	40.8	158.7	10	A.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
5..	E	NE	SW	WSW	NE	NE	33.5	47.3	60.2	29.3	170.3	10	A.-S.	S.-Cu.	9	A.-S.	S.-Cu. SW
6..	NE	NE	SSW	WSW	SW	E	27.9	43.8	109.4	34.1	215.2	8	Ci.-S.	S.-Cu. SW	6	Ci.	Cu.
7..	E	NE	Calm	SW	N	N	32.5	21.7	49.4	25.9	129.5	5	Ci.	Cu. SW	8	Ci.-S.	Cu.-N. SW
8..	NE	NE	SW	SW	NE	Calm	30.8	25.4	31.6	25.2	113	8	Ci.-S.	Cu. SW	9	A.-Cu.	S.-Cu.
9..	NE	NE	NE	Calm	E	NE	35.1	19.3	21.9	36.5	112.8	10	A.-S.	S.-Cu. NW	10	A.-S.	S.-Cu.
10..	W	NE	SW	SW	SW	SW	40.2	67.6	92.5	126	326.3	10	A.-S.	S.-Cu. W	10	A.-S.	S.-Cu. W
11..	W	SW	SW	SW	SW	SW	101.2	98.4	121.3	62.3	383.2	10	A.-S. WNW	S.-Cu. SW	10	A.-S.	N. SW
12..	SE	SW	S	S	Calm	Calm	57.6	32.2	74.8	27.7	192.3	10	A.-S. W	S.-Cu. SW	7	Ci.-S.	Cu.
13..	NE	Calm	SE	E	E	E	32	27.2	40.4	24.3	123.9	4	Ci.	Cu.	9	Ci.-S.	Cu.-N. SW
14..	E	Calm	NNE	NNE	Calm	Calm	24.1	49.7	45.1	17.7	136.6	8	A.-Cu.	S.-Cu.	7	Ci.-S.	Cu.
15..	Calm	NE	SW	SW	NE	NE	23.1	30.8	44.1	30.9	128.9	4	Ci.	Cu.	6	Ci.	Cu.
16..	Calm	Calm	NE	NE	Calm	Calm	27.1	[a]35.6	30	22	[a]114.7	5	Ci.	Cu. E	9	A.-S.	Cu.-N. E
17..	Calm	NE	NE	NE	Calm	Calm	26	42	58.7	16.6	143.3	10	A.-Cu.	Fr.-Cu. E	8	Ci.-S.	Cu.-N. E
18..	E	Calm	NE	SW	Calm	Calm	24.6	51.5	50.9?	19.3	146.3	6	Ci.	Cu.	8	Ci.-S.	Cu.-N.
19..	Calm	Calm	NE	NE	Calm	E	19	42.3	51.5	19.9	132.7	10	A.-S.	S.-Cu.	10	A.-S.	N. E
20..	NE	NE	ENE	SE	Calm	NE	47.7	47.7	38.6	23.8	157.8	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. E
21..	Calm	Calm	NE	NE	NE	NE	22.7	29.8	48.5	21.4	122.4	10	A.-S.	S.-Cu. E	7	Ci.-S.	Cu.
22..	NE	NE	Calm	SW	Calm	E	19.9	23.1	35.7	16.6	95.3	9	Ci.-S.	S.-Cu. E	5	Ci.	Cu.
23..	NE	NE	S	NW	Calm	Calm	18.3	23.9	23.9	24.7	90.8	5	Ci.	Cu.	10	A.-S.	N.
24..	N	NE	Calm	Calm	W	N	30.6	23	26.8	22	102.4	9	A.-S.	S.-Cu. E	10	A.-S.	Cu.-N.
25..	Calm	NE	SW	SW	E	Calm	25.5	26.4	31.4	30.3	113.6	10	A.-Cu.	S.-Cu. E	10	A.-S.	Cu.-N. E
26..	NE	NE	S	Calm	SE	NE	27.2	25.7	35.1	23.6	111.6	8	Ci.-S.	Cu.-N. sw	9	A.-Cu.	Cu.-N.
27..	NE	Calm	S	SW	SW	Calm	26.6	28.8	36.8	27.9	120.1	9	Ci.-S.	Cu. E	10	A.-S	Fr.-N.
28..	NE	Calm	SW	WSW	SW	W	26.4	71.1	84.5	68.6	250.6	6	Ci.	Cu.	9	Ci.-S.	Fr.-Cu. WSW
29..	NE	NE	NE	SW	Calm	Calm	28.8	27.6	50.9	17.7	125	9	Ci.-S.	Cu.-N. sw	10	A.-S.	S.-Cu.
30..	NE	NE	SW	W	NE	NE	27.4	30.3	60.6	35.4	153.7	9	Ci.-S.	Cu.-N. sw	10	A.-S.	N. SW
Mean	.....	.....	.....	.....	.....	.....	32.3	37.3	54.1	32.9	156.6	8.2	.....	.....	8.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,698.3	....	.....	.....	....	.....	.....

[a] 1 hour missing.

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

OCTOBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	58.38	58.51	59.62	56.87	57.42	59.05	58.31	22.6	23	29.2	30.5	26.7	25.3	26.2	30.6	22.4	93	95	70	68	86	89	83.5	.....
2..	57.84	58.12	58.89	56.31	57.24	58.51	57.82	24.1	23.2	30.3	31.2	26	24.3	26.5	32.6	23.1	92	93	64	64	84	89	81	4.6
3..	57.44	57.78	58.33	55.73	56.99	58.11	57.40	23.7	23	30.2	31.8	25.7	24.2	26.4	33	23	92	96	64	61	86	91	81.7	8.7
4..	56.99	57.12	57.42	55.24	56.30	57.03	56.68	24	23.8	30	21.9	25	24.7	26.6	31.9	23.3	93	93	65	61	92	89	82.2	29.7
5..	55.76	55.82	56.21	54.06	53.61	55.30	55.13	24.2	24	27.4	28.7	27.6	24.9	26.1	29.1	23.9	91	91	81	78	80	87	84.7	18.3
6..	53.26	53.53	53.96	51.56	51.96	53.24	52.92	24	24.2	26.5	26.3	25.8	25.2	25.3	27	23.7	93	95	88	90	90	90	91	29.2
7..	51.95	51.97	53.20	51.30	52.24	54.59	52.54	24.5	24.4	28.5	29	26.1	26	26.4	29.7	24	89	88	84	82	91	92	87.7	4.8
8..	52.59	52.56	54.64	53.60	54.41	56	53.97	26.3	26.7	28	25.1	24	24.2	25.7	28.2	22.9	90	90	82	91	91	96	90	15.2
9..	55.21	55.96	57.13	55.71	56.60	57.67	56.38	22.8	22.2	26.7	28	25.8	24.3	25	28.6	22.1	92	95	85	79	85	91	87.8	.....
10..	56.35	56.86	57.75	56.13	56.99	58.26	57.06	23.5	23.2	29.8	27.7	23.5	23.3	25.2	31.5	23	93	94	68	79	94	94	87	5.1
11..	57.23	57.96	58.36	56.55	57.22	59.09	57.74	23.1	23.2	28.8	30.4	27.2	25.3	26.3	30.7	22.8	94	93	72	78	83	91	85.2	.....
12..	58.10	58.34	59.38	57.72	58.20	59.60	58.56	24.2	24	31.5	29.5	27.2	25.7	27	31.6	23.9	95	96	59	75	83	86	82.3	.....
13..	59.07	59.17	59.88	57.64	59.18	60.04	59.16	24.3	24	30.7	31	25.3	24.2	26.6	32.6	23.4	94	96	63	65	89	90	82.8	18.3
14..	59.14	58.92	59.55	57.42	57.74	59.79	58.76	23	22	29.4	26.8	25.7	25.1	25.3	31.6	21.8	96	96	75	86	86	91	88.3	14.3
15..	58.24	58.23	59.15	56.89	57.51	59.17	58.20	23.8	22.8	28	27	25.5	24	25.2	29.4	22.7	87	92	77	84	88	91	86.5	4.6
16..	57.72	58.01	58.72	56.04	56.53	58.26	57.55	24.2	24	29.7	29.7	26.2	25.3	26.5	31.9	23.9	94	95	73	72	89	89	85.3	.....
17..	56.62	56.34	57.19	54.93	55.85	57.24	56.36	25.3	25.5	31.5	29	25.8	24.8	27	33	24.3	89	88	63	71	85	91	81.2	10.4
18..	56.36	56.77	56.89	55.49	56.41	57.47	56.56	24.5	24.7	30.7	29.7	26.2	26	27	32.3	24.3	92	92	62	67	90	92	82.5	.5
19..	56.84	57	57.79	55.46	56.52	57.76	56.90	25.8	24.8	30.7	32.8	28.3	26.2	28.1	33	24.7	93	92	61	62	75	87	78.3	.....
20..	57.19	57.71	57.90	55.24	56.34	58	57.06	25.2	25	30.7	33.2	29.2	26.8	28.4	33.8	24.6	95	93	61	60	76	86	78.5	.....
21..	56.76	57.32	57.87	55.68	56.52	58.32	57.08	25.5	24.8	31.8	30.6	28.3	26.4	27.9	33.9	24.7	88	92	56	68	77	89	78.3	.....
22..	57.14	57.44	57.86	56.36	57.13	58.76	57.45	25.8	25	30	27.8	25	24	26.3	30.2	23.3	90	93	65	79	92	91	85	2.5
23..	57.21	58.21	58.89	56.48	57.56	58.30	57.78	23.7	24.4	28.2	27.5	24.8	24.2	25.5	30.7	23	93	95	76	88	90	93	89.2	20.1
24..	57.66	58.08	58.29	56.21	57.24	57.94	57.57	24.5	24.6	30	31.3	27.8	25.6	27.3	32	24.2	92	92	66	67	79	88	80.7	.....
25..	57.34	58.12	57.83	55.36	56.65	57.95	57.21	24.3	24.2	31.8	31.2	27.6	25	27.4	33.1	23.9	96	93	61	64	80	92	81	.....
26..	56.69	57.15	57.40	55.20	56.24	57.45	56.69	24	24	30.2	33.2	27.3	24.9	27.3	33.3	23.4	92	95	64	60	82	84	79.5	1
27..	56.22	56.41	57.29	55.28	56.20	57.25	56.44	23.4	22.6	30.5	26.7	26.5	24.9	25.8	31.2	22.5	95	93	64	86	88	88	85.7	2.8
28..	56.27	57.81	58.54	56.84	57.41	59.02	57.65	23.3	22.6	30.7	25.5	25.2	22.7	25	33.1	22.5	92	92	63	91	90	92	86.7	21.6
29..	58.38	58.76	59.81	57.16	58.33	59.14	58.60	22.6	23.2	30.3	32.2	27.4	25.1	26.8	32.3	22.4	92	93	63	59	86	91	80.7	5.1
30..	58.02	58.19	59.05	57.09	57.74	58.66	58.12	25	24.5	25.6	29.7	26.3	25.8	26.2	29.8	24.4	93	94	87	73	90	85	87	2
31..	57.11	57.27	58.02	55.94	56.33	58.32	57.16	25.1	24.5	30.7	31.5	27.7	26.8	27.7	31.8	24.2	91	92	61	63	79	86	78.7	.....
Mean	56.81	57.14	57.83	55.73	56.54	57.91	56.99	24.2	23.9	29.6	29.6	26.3	25	26.5	31.4	23.4	92.3	93.1	69.1	73.3	85.7	89.7	83.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	218.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	NE	SW	S	W	Calm	39.9	44.6	70.5	26.9	181.9	6	Ci.	Cu. SW	10	A.-S.	S.-Cu.
2..	NE	NE	SW	S	Calm	NE	31.9	26.9	22.8	38.1	119.7	5	Ci.	Cu.	9	Ci.-S.	Cu.-N.
3..	NE	NE	E	NE	Calm	NE	28.7	43.8	51.5	21.9	145.9	9	A.-Cu. ENE	Cu. E	8	Ci.-S.	Cu.-N. E
4..	NE	NE	S	SW	Calm	Calm	27.2	30.9	57.4	23	138.5	8	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.-N. E
5..	E	NE	Calm	W	W	NE	29.8	39.4	27.4	27.9	124.5	10	A.-S.	S. WNW	10	A.-S.	S.-Cu.
6..	Calm	Calm	SW	SSW	SSW	SW	25.1	38	121.3	56	240.4	10	A.-S.	S.	10	A.-S.	N. W
7..	Calm	Calm	SW	SW	SW	SW	18.8	54.7	88.2	68.4	230.1	10	A.-S.	S.-Cu. sw	10	A.-S.	Fr.-N. SW
8..	SW	SW	SW	WSW	SW	Calm	99.2	98.2	126.9	48.9	373.2	10	A.-S.	S.-Cu. sw	10	A.-S.	N. SW
9..	NE	Calm	Calm	NE	W	NE	33.5	27.6	42.6	23.3	127	10	Ci.-S.	S.-Cu. sw	9	Ci.-S.	Cu.-N.
10..	NE	NE	Calm	SW	NE	NE	26.8	22.8	41	22.3	112.9	7	Ci.	Cu. E	10	A.-S.	N.
11..	NE	NE	Calm	Calm	Calm	Calm	24.4	18.5	20.9	24.1	87.9	10	A.-S. NE	S.-Cu. E	9	Ci.-S.	Cu.-N.
12..	Calm	Calm	NE	ESE	N	NE	19.6	49.1	50.9	25.2	144.8	5	Ci.	Cu.	9	A.-S.	S.-Cu. E
13..	Calm	NE	ENE	SW	E	E	20.7	52.8	31.6	19	124.1	6	Ci.-S.	Cu. E	5	Ci.	Cu.
14..	E	Calm	SW	NE	E	NE	19.6	21.7	27.1	25.1	93.5	4	Ci.	Cu.	10	A.-S.	Fr.-N. E
15..	E	E	SW	Calm	NE	NE	21.7	23.6	23	22.2	90.5	9	Ci.-S.	S.-Cu. E	10	A.-S.	N.
16..	E	NE	N	NE	NE	NNE	20.3	40.8	49.3	44.3	154.7	8	Ci.-S. ENE	Cu. ESE	9	Ci.-S.	Cu.-N.
17..	NE	Calm	NE	NNE	NNE	NNE	53.1	79.4	78.6	80.7	291.8	9	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.
18..	NE	NNE	NE	NE	E	Calm	51.2	84.2	89.8	24.4	249.6	9	Ci.-S.	S.-Cu. E	10	A.-S.	S.-Cu.
19..	Calm	Calm	NNE	NE	NE	NE	22	66.5	62.2	42.9	193.6	6	Ci.	Cu. E	8	Ci.-S.	Cu.-N.
20..	Calm	Calm	NE	NE	NE	Calm	22.2	49.7	45.1	19.9	136.9	4	Ci.	Cu. E	8	Ci.-S.	Cu.-N. E
21..	Calm	Calm	NE	Calm	NE	NE	19.8	38.3	35.6	24.1	117.8	5	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
22..	NE	Calm	NNE	NE	NNE	NE	20.4	46.2	52.1	22.7	141.4	8	Ci.-S. NE	Fr.-N. E	10	A.-S.	Fr.-N. E
23..	NE	Calm	NE	Calm	Calm	NE	22.8	22.5	34.9	26.4	106.6	10	A.-S.	S.-Cu. ESE	10	A.-S.	N.
24..	Calm	Calm	NNE	NE	NE	Calm	23.6	49.6	44.5	20.7	138.4	9	Ci.-S. ENE	Fr.-Cu. E	8	Ci.-S.	Cu.-N. E
25..	Calm	Calm	ESE	NE	Calm	N	23.3	46.7	49.1	18	137.1	5	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
26..	Calm	Calm	N	SW	NE	NE	23	30.8	29.5	24.4	107.7	4	Ci.	Cu.	10	A.-S.	Fr.-N. E
27..	NE	Calm	SW	Calm	Calm	NE	28	24.7	23.5	21.7	97.9	4	Ci.	Cu.	9	A.-Cu.	N. E
28..	Calm	E	SW	SE	Calm	E	25.4	28.7	41.3	29.3	124.7	3	Ci.	Cu.	10	A.-S.	N. E
29..	E	Calm	NE	NE	NE	NE	19.9	61.7	56.9	33.2	171.7	4	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
30..	NE	NE	NE	ENE	NE	NE	33.3	36.7	96.6	55	221.6	9	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.
31..	NE	Calm	ENE	NE	NE	NE	27.4	76.1	107.6	53.3	264.4	7	Ci.	Fr.-Cu. E	8	Ci.-S.	Cu.-N. E
Mean	.....	.....	.....	.....	.....	.....	29.1	44.4	54.8	32.7	161	7.2	.....	.....	8.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,990.8	.....	.....	.....	.....	.....	.....

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

NOVEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p.m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.11	57.21	58.05	56.09	56.80	57.34	57.10	25.4	25.2	28.5	29	27	25.2	26.7	30.7	24.8	90	90	74	74	77	90	82.5	1.3
2..	56.99	57.37	58.34	56.24	56.83	58.19	57.31	25	24.8	27.7	30.5	27	25.2	26.7	31	24.7	92	88	79	68	84	90	83.5	4
3..	56.93	57.49	58.31	56.64	57.90	58.81	57.68	25.1	24.5	30.6	27.6	25	24.8	26.3	31.2	24.4	92	94	62	80	92	85	84.2	3.5
4..	57.10	57.62	59.01	57.64	58.29	59.39	58.18	24.7	24.6	28.2	28.5	25.8	25	26.1	29.6	24.4	93	93	79	78	85	92	86.7	1
5..	58.65	59.05	59.33	57.77	57.64	59.26	58.62	24.9	24.8	30	30.4	26.8	24.4	26.9	30.8	24	91	90	65	66	86	90	81.3	2.3
6..	57.57	58.69	59.92	57.94	58.37	59.09	58.60	24.6	24.8	26.3	26.6	25.7	25.5	25.6	27.2	24.2	87	89	90	86	86	88	87.7	.5
7..	57.94	58.28	59.82	58.06	58.94	59.65	58.78	25.2	24.7	25.8	25.4	25.3	25.2	25.3	26	24.7	90	86	88	90	90	90	89	.5
8..	58.94	59.32	60	58.91	59.16	59.45	59.30	24.4	25	29.5	26.3	24.9	25.4	25.9	30.6	24.2	93	96	68	85	84	88	85.7	9.9
9..	57.72	57.69	58.05	55.48	55.76	56.92	56.94	25	24	27.2	28.3	26.7	25.2	26.1	29.2	23.9	93	95	83	75	86	90	87	1.8
10..	55.69	56.62	57.79	55.27	56.82	58.36	56.76	25	24.8	30.9	32.5	27.5	25.8	27.8	32.8	24.4	92	90	62	58	81	87	78.3	.....
11..	56.69	56.84	58.14	56.16	57.45	59.08	57.39	25	24.7	30.3	30.8	27	25.2	27.2	32.2	24.2	92	92	63	67	84	90	81.3	4.1
12..	58.25	58.59	59.87	57.27	58.39	60.02	58.73	24.3	24.2	29.2	29.3	26.1	25	26.4	30.3	24	94	94	70	70	83	85	82.7	.....
13..	58.74	59.74	60.29	58.02	58.83	59.69	59.22	24.9	24.5	30	31	26.3	25.2	27	31.2	24	86	87	65	65	82	90	79.2	.....
14..	57.89	58.09	59.27	56.63	57.18	58.13	57.86	25	24.5	30.2	31	27	24.9	27.1	31.6	24.2	92	87	64	59	84	89	79.2	.....
15..	56.94	57.39	58.42	55.69	56.48	57.24	57.03	24.7	23.8	30.2	31.8	27.7	26	27.4	31.9	23.7	91	92	64	61	73	85	77.7	.....
16..	56.66	56.79	58.24	55.87	56.77	58.90	57.20	25.4	26	29.9	29.7	26.2	24.1	26.9	30.7	23.6	88	87	67	69	82	91	80.7	26.7
17..	57.16	57.53	58.16	56.31	57.11	56.59	57.14	23.7	24.2	27.7	26.3	24.3	24.2	25.1	28.2	23.4	92	93	72	82	91	90	86.7	4.9
18..	56.69	57.31	58.09	56.37	57.14	57.49	57.18	23.8	24	27.2	27.2	24.5	24.6	25.2	28.4	23.6	88	91	75	78	87	87	84.3	1
19..	56.21	56.68	57.11	55.66	57	57.97	56.77	24.5	25	28.2	26.3	25.2	24.2	25.6	28.3	24	87	88	80	82	90	91	86.3	2
20..	57.01	57.70	58.68	56.75	57.81	58.94	57.82	23.5	24	28.4	27.2	26.2	24.5	25.6	29.3	22.8	92	96	82	83	90	90	88.8	12.4
21..	58.15	59.16	59.49	57.84	58.86	59.84	58.89	24.3	24.4	29	29.2	25.6	24.5	26.2	30.3	23.6	94	92	74	76	88	89	85.5	.....
22..	58.66	59.64	59.89	57.85	58.67	59.55	59.04	24	24.2	24.3	27	25.7	25	25	27.3	23.7	91	90	89	77	86	90	87.2	9.7
23..	58.21	58.42	59.62	56.69	57.80	59.15	58.32	24.3	24.4	25.7	25.7	24	24.3	24.7	26.5	23.8	89	88	86	86	91	90	88.3	26.7
24..	57.51	57.56	58.06	55.79	56.75	58.24	57.32	24.1	24.2	29.5	29	26.1	25	26.3	29.7	23.9	91	90	69	78	83	92	83.8	3
25..	57.10	57.43	58.19	56.36	57.63	58.85	57.59	24.6	24.2	25.8	25.9	23.6	23.3	24.6	27	23	93	94	85	86	86	92	89.3	25.9
26..	57.75	58.18	58.71	56.37	57.60	58.59	57.87	22.8	22.6	29	28.8	25.2	23.8	25.4	30.2	22.5	92	93	81	72	90	90	86.3	10.9
27..	57.41	57.87	58.51	56.10	57.10	59.21	57.70	23.2	23	29.8	26.7	25.9	24.1	25.4	31	22.4	93	93	69	86	85	91	86.2	11.4
28..	58.68	59.16	59.89	57.43	58.58	59.53	58.88	23.5	23.2	28.5	30.3	26.8	24.2	26.1	31.9	22.9	92	93	74	70	81	90	83.3	.....
29..	59.34	59.69	60.49	58.50	59.82	61.70	59.92	23.4	23	28.9	30	26.3	24.9	26.1	31.3	22.8	95	97	71	66	90	84	83.8	9.7
30..	59.86	59.94	60.52	58.04	58.84	60.54	59.62	23.4	23.2	29.8	31.8	27	23.3	26.4	32.1	22.7	95	94	73	64	84	92	83.7	.....
Mean	57.65	58.10	58.94	56.86	57.74	58.85	58.03	24.4	24.3	28.5	28.7	25.9	24.7	26.1	30	23.8	91.3	91.4	74.1	74.6	85.4	89.3	84.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	173.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	E	NE	NE	NNE	NE	Calm	45.7	77	67.3	30.9	220.9	9	Ci.-S.	Cu.-N. E	9	Ci.-S.	S.-Cu.
2..	N	NE	NNE	NE	NE	NE	49.6	67.1	72.4	46.1	235.2	10	A.-S.	N. E	9	Ci.-S.	S.-Cu.
3..	NE	NE	NE	NE	NE	NNE	54.2	77.9	94.3	72.1	298.5	5	Ci.	Cu. E	10	A.-S.	Fr.-N. ESE
4..	NE	NNE	NNE	NE	NNE	NE	61	75.3	73.5	52.1	261.9	8	Ci.-S.	Cu.-N. ESE	10	A.-S.	Cu.-N. ESE
5..	NE	NE	NE	NE	NE	NE	60.7	91.4	81.1	72.1	305.3	8	Ci.-S.	Cu. E	10	A.-S.	N. E
6..	NE	NNE	NE	NE	NNE	NE	58.7	91.7	74	82.1	306.5	10	A.-S.	S.-Cu. E	10	A.-S.	Fr.-N.
7..	Calm	NE	NE	NE	NE	NE	.....	.....	.....	.....	.....	10	A.-S. NNE	S.-Cu. E	10	A.-S.	N. E
8..	NE	NE	NE	NE	NE	NE	.....	.....	72.4	52.6	.....	10	A.-S.	S.-Cu. E	10	A.-S.	N. E
9..	NE	NE	NE	ENE	NNE	NE	34.1	66.2	99.2	47.2	246.8	10	A.-S. NE	N. ENE	9	Ci.-S.	S.-Cu. ENE
10..	NE	Calm	E	ENE	NE	NNE	44.8	63.1	55.7	47.7	211.3	9	Ci.-S.	Cu.-N. E	6	Ci.	Cu.
11..	Calm	NE	NE	NE	NE	NE	36	69.8	62.6	47.5	215.9	5	Ci.	Cu.	8	Ci.-S.	Cu.-N.
12..	Calm	Calm	E	ENE	ENE	NE	27.9	58.7	95.3	53.9	235.8	8	Ci.-S. ENE	Cu.-N. E	6	Ci.	Cu.
13..	NE	NE	ENE	ENE	Calm	Calm	57.7	82.1	57.4	19.5	216.7	5	Ci.	Cu. E	7	Ci.-S.	Cu. E
14..	ENE	NE	ENE	NE	ENE	Calm	34.9	51.3	68.6	27.4	182.2	4	Ci.	Cu.	5	Ci.	Cu.
15..	NE	NE	ENE	NE	ENE	NE	30.3	63.4	61.5	49.3	204.5	4	Ci.	Cu.	5	Ci.	Cu.
16..	NE	NE	ENE	ENE	ENE	NE	62.2	129	129	68.7	388.9	10	A.-S. ENE	S.-Cu. E	5	Ci.	Cu. E
17..	NE	NE	ENE	NE	NE	NE	42.3	84.8	65.5	74.8	267.4	10	A.-S.	S.-Cu. E	10	A.-S.	S.-Cu. E
18..	NE	NE	NE	NE	ENE	NE	62.8	48.6	46.7	36.2	194.3	9	Ci.-S.	S.-Cu. E	10	A.-S.	N. E
19..	NE	NE	NE	NE	NE	NE	44.6	63.6	47	52.8	208	9	A.-S.	S.-Cu. E	10	A.-S.	N.
20..	Calm	NE	NE	NE	Calm	Calm	22.3	29.6	33.8	28.4	114.1	6	Ci.	Cu. E	10	A.-S.	Cu.-N. E
21..	NE	Calm	NE	NE	NE	E	29	54.2	58.1	38.6	179.9	7	Ci. ENE	Cu. E	8	Ci.-S.	Cu.-N. E
22..	NE	NE	NE	NE	NE	NE	31.6	52	45.3	38.6	167.5	9	A.-S.	S.-Cu. E	10	A.-S.	Fr.-N. E
23..	NE	NE	NE	NE	NE	NNE	41.2	55.7	56.6	55.3	208.8	10	A.-S.	Fr.-N. E	10	A.-S.	N. E
24..	NE	NE	NE	NE	NE	NE	43.1	81.6	69.5	36.2	230.4	7	Ci.	Cu. E	8	Ci.-S.	Cu.-N.
25..	NNE	NE	NNE	E	NE	Calm	57.3	53.6	31.4	29	171.3	10	A.-S.	Fr.-N. E	10	A.-S.	N.
26..	Calm	Calm	NNE	NW	NE	Calm	17.5	26.6	36.2	23.1	103.4	10	A.-S.	S.-Cu. ESE	10	A.-S.	N.
27..	E	Calm	NE	N	Calm	Calm	23.1	34.1	29	20.3	106.5	4	Ci.	Cu. E	6	Ci.-Cu.	Cu.
28..	NE	Calm	NE	N	Calm	Calm	20.6	38	27.1	15.3	101	9	Ci.-S. NNE	Cu.-N. ENE	8	Ci.-S.	Cu.-N.
29..	NE	Calm	Calm	Calm	NNE	Calm	22.8	21.4	25.2	23.6	93	4	Ci.	Cu.	8	Ci.-S.	Cu.-N. ENE
30..	Calm	Calm	NE	NE	NE	Calm	14.5	43.8	36.4	22.3	117	5	Ci.	Cu.	8	Ci.-Cu.	Fr.-Cu. E
Mean	.....	.....	.....	.....	.....	.....	40.4	62.6	61.1	43.6	206.9	7.8	.....	.....	8.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

DECEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.16	59.25	60.17	57.33	58.42	59.89	59.04	22.3	22	29.7	31.7	27.9	24.7	26.4	32.2	21.8	92	96	67	63	78	89	80.8	.....
2..	59.09	59.51	59.87	57.18	59.24	60.04	59.16	23.8	23	29	32.2	27.7	24.6	26.7	32.7	22.7	92	96	71	65	79	88	81.8	.....
3..	59.09	59.42	60.30	58.27	59.15	60.05	59.38	23.5	22.6	30	31	26.7	25.2	26.5	31.2	22.5	90	93	65	65	86	90	81.5	.....
4..	59.87	59.95	61.19	59.64	59.78	60.82	60.21	24.6	24.2	25.7	26.6	25	24.3	25.1	28.4	24	93	93	86	80	92	93	89.5	2.6
5..	59.70	59.84	60.47	58.22	59.03	59.82	59.51	24.2	23.6	28	30	26.6	25	26.2	30.3	23.5	93	92	77	71	87	92	85.3	.....
6..	58.04	58.39	58.88	56.29	56.95	58.29	57.81	23.8	23.7	27.5	29.5	25	24	25.6	29.6	23.5	92	92	78	68	92	91	85.5	5.3
7..	56.39	57.31	57.75	55.35	56.01	57.14	56.66	23.3	23.2	27.8	28.6	25.4	24.8	25.5	29.4	23	92	95	79	73	88	88	85.8	.....
8..	56.01	56.21	57.06	54.90	55.69	56.84	56.12	23.8	23.5	27.5	28.3	24.3	24	25.2	28.3	23	92	94	73	75	89	93	86	7.7
9..	56.16	56.26	57.76	56.03	57.37	58.49	57.01	22.8	23.2	26	27	25	23.8	24.6	27.2	22.7	92	93	84	81	92	90	88.7	2.6
10..	57.49	57.41	58.23	55.63	56.84	57.86	57.24	22.6	21.6	28.9	30.6	26.6	25	25.9	30.7	21.4	93	93	71	68	87	92	84	.....
11..	56.86	56.80	57.87	55.63	56.29	57.44	56.82	24	23	29.5	27.2	26.7	24.2	25.8	30.7	22.8	93	94	68	75	79	90	83.2	.....
12..	56.29	56.91	58.43	56.69	57.01	58.41	57.29	23	23.3	29.4	29	26.2	25.2	26	31.3	22.4	95	93	68	71	82	90	83.2	.....
13..	57.46	58.16	58.70	57.15	57.34	58.94	57.96	24.4	23.7	29	32	27.3	23.8	26.7	32.1	23.3	93	92	71	60	82	89	81.2	1.5
14..	57.88	58.02	59.48	57.02	57.52	58.91	58.14	23	22.3	29.2	31.7	26.9	24	26.2	31.8	21.9	92	92	70	62	82	91	81.5	.....
15..	58.21	58.43	59.55	57.27	57.48	58.93	58.31	23.5	23.2	29.5	30	25.8	25.1	26.2	30.7	23	92	93	68	65	85	91	82.3	.....
16..	57.74	57.96	58.64	56.22	57.14	58.44	57.69	24.2	24	25.7	28.7	24.7	23.4	25.1	28.8	23.4	91	91	86	73	87	92	86.7	1.5
17..	57.56	57.60	58.43	56.18	57.80	58.61	57.70	23.4	23.5	28	30.8	26.5	24.2	26.1	31.2	23.3	92	92	77	64	80	90	82.5	.....
18..	57.69	57.96	59.35	57.67	58.59	59.26	58.42	23.2	22.2	29	29.3	26.2	25.2	25.8	30.6	21.8	93	95	71	70	83	90	83.7	8.1
19..	59.19	59.05	60.29	58.34	58.94	59.28	59.18	24	23.3	25.4	25.3	24.7	24	24.4	25.5	23.2	93	94	88	89	87	91	90.3	17.1
20..	58.42	58.30	59.11	57.21	57.96	58.84	58.31	23.2	23.5	26.3	28.5	25.5	24.2	25.2	28.6	22.9	93	94	82	74	88	90	86.8	.....
21..	58.27	58.41	59.06	56.38	57.28	58.52	57.99	23.9	23.8	29	30.4	26.1	24.8	26.3	31	23.6	91	92	71	64	83	85	81	.....
22..	57.91	58.46	59.82	56.52	57.15	58.84	58.12	23.8	23.1	28	30.5	26.3	24.2	26	30.7	22.9	92	96	77	63	82	90	83.3	.....
23..	57.88	57.77	58.99	57.11	57.46	59.12	58.06	23	22.7	27.6	28.1	26	24.1	25.2	30	22.5	94	92	73	77	85	91	85.3	.....
24..	58.01	57.88	59.06	56.24	56.53	57.60	57.55	23	23.6	29.1	29.8	26.5	25.1	26.2	30	22.9	96	93	70	66	88	91	84	.....
25..	56.89	56.96	57.86	55.30	55.83	57.14	56.66	24.2	24	27.5	28.2	25	24.1	25.5	28.7	23.6	93	93	73	76	92	91	86.3	.5
26..	56.06	56.36	58.30	56.34	56.36	57.21	56.77	22.8	22.5	24.8	25.2	24	23	23.7	25.7	22.3	92	92	85	90	91	94	90.7	.....
27..	56.77	57.22	58.51	56.62	56.97	58.03	57.35	23	22.8	24.7	25.2	23.2	22.9	23.6	26.1	22.1	93	92	86	90	90	90	90.2	.....
28..	57.49	57.77	58.91	57.30	57.66	58.85	58	21.7	21.5	24	25.1	22.8	22.3	22.9	26.1	21.4	93	92	91	91	92	92	91.8	.....
29..	58.41	58.32	59.40	57.03	57.22	58.40	58.13	21.8	21.6	27.2	27.4	23.7	23.2	24.2	28.4	21.4	92	93	78	78	91	92	87.3	.....
30..	57.75	57.96	58.89	57.86	58.17	59.27	58.32	22.6	22.1	27	26.3	23.3	22.2	23.9	28.1	21.6	93	96	78	82	94	92	89.2	.....
31..	58.79	58.92	60.53	58.51	58.95	60.19	59.32	21.5	21.3	24.6	26.7	23.1	22.5	23.3	26.8	21.2	93	92	84	79	90	92	88.3	.....
Mean	57.82	58.02	59.06	56.88	57.55	58.69	58.01	23.3	23	27.6	28.7	25.5	24.1	25.4	29.4	22.6	92.6	93.2	76.3	73.2	86.5	90.6	85.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	NNE	SW	Calm	Calm	27.1	24.9	37.8	23.1	112.9	2	Ci.	.....	7	Ci.-S.	Fr.-Cu. ENE
2..	E	NE	ENE	NNE	Calm	Calm	23.5	24.6	36.8	17.1	102	5	Ci.	Cu.	4	Ci.	Cu.
3..	NE	Calm	NE	NE	NE	NE	27.1	54.9	66	47.3	195.3	5	Ci.	Cu.	4	Ci.-Cu.	Cu.-N.
4..	NE	NE	NNE	NE	NE	ENE	43.1	56.3	60.7	48	208.1	10	A.-S.	S.-Cu. E	10	A.-S.	Fr.-N. E
5..	NNE	NE	ENE	ENE	ENE	NE	43.7	55.3	69.2	36.5	204.7	8	Ci.-S. NE	Cu.-N. E	9	Ci.-S.	Cu.-N. E
6..	Calm	NE	NNE	NE	NE	NE	23.8	47.5	53.4	35.1	159.8	8	Ci.-S.	Cu.-N.	10	A.-S.	Cu.-N. E
7..	NNE	Calm	NNE	NE	ENE	ENE	31.1	41.6	75.9	67.3	215.9	9	A.-S. ENE	S.-Cu. E	8	Ci.-S.	Cu.-N. E
8..	ENE	Calm	NE	NE	NE	NE	47.8	71	100.4	47.5	266.7	9	A.-S. NE	S.-Cu. E	8	Ci.-S.	Cu.-N. E
9..	NNE	NE	NE	NE	Calm	Calm	46.9	50.4	40.7	22.7	160.7	8	Ci.-S.	Cu.-N.	6	Ci.	Cu.
10..	Calm	Calm	NE	NNE	Calm	NE	24.9	44.5	42.9	20.3	132.6	4	Ci.	Cu.	6	Ci.	Cu.
11..	Calm	Calm	NE	S	E	E	14.3	34.1	32.7	18.5	99.6	6	Ci. NE	Cu. E	9	Ci.-S.	Cu.-N.
12..	E	NE	NE	NE	NE	NE	20.4	42	39.2	45.3	146.9	4	Ci.	Cu. E	7	Ci.-S.	Cu.
13..	NNE	NE	NE	NE	ENE	Calm	29.8	38.1	30.3	17.5	115.7	4	Ci.	Cu. E	9	Ci.-S.	Cu.-N.
14..	E	E	NE	S	Calm	NE	18.5	37.2	36.8	17.4	109.9	2	Ci.	.....	8	Ci.-S.	Cu.-N.
15..	NE	N	NE	ENE	E	NE	21.7	39.1	69.4	28	158.2	2	Ci.	.....	8	Ci.-S.	Cu.-N. E
16..	NE	NE	NNE	ENE	NE	Calm	40.7	55.7	61	32.8	190.2	10	A.-S. NNE	s.-cu. ENE	8	Ci.-S.	Fr.-Cu.
17..	NE	NE	NNE	NE	NE	NE	32.8	51.2	49.6	31.9	165.5	8	Ci.-S.	S.-Cu. E	8	Ci.-S.	Cu.-N.
18..	Calm	Calm	NE	NE	ENE	NE	15.6	60.9	111.3	87.9	275.7	4	Ci.	Cu. E	8	Ci.-S.	Cu.-N. E
19..	E	NE	ENE	NE	NE	NNE	46.5	55.5	59.8	32.4	194.2	10	A.-S.	N. E	10	A.-S.	Fr.-N. E
20..	NE	NE	NE	NE	NE	NNE	48.1	[a]47.2	84.3	52.1	[a]231.7	10	A.-S.	S.-Cu.	9	Ci.-S.	Fr.-Cu. E
21..	NE	NNE	NE	NE	NE	NE	48.1	51.2	56.3	44.3	199.9	8	Ci.-S. ENE	Cu.-N. E	10	A.-S.	S.-Cu.
22..	NE	NE	ENE	NE	NE	E	26.2	47.2	63.3	34.6	171.3	2	Ci.	.....	8	Ci.-S.	Cu.-N.
23..	NE	NE	NE	NE	NE	NE	24.4	43.5	52.3	30.4	150.6	2	Ci.	.....	5	Ci.	Cu. E
24..	N	NE	NE	NE	NE	ENE	23	57.6	71.8	52.8	205.2	5	Ci.	Cu.	5	Ci.	Cu.
25..	NE	NE	NE	ENE	ENE	ENE	38.1	76.4	[b]78.6	86.1	[b]279.2	9	Ci.-S.	Cu.-N. E	6	Ci.	Cu.
26..	NE	ENE	NE	NE	NE	NE	57.6	49.4	69.2	63.3	239.5	10	A.-S.	s.-cu. ENE	10	A.-S.	S.-Cu. ENE
27..	NE	NE	NE	ENE	NE	NE	48	80.7	110.2	89.5	328.4	10	A.-S.	Cu. E	9	Ci.-S.	Cu.-N. E
28..	NE	NE	ENE	NE	ENE	NE	55	95.3	103.8	53.6	307.7	10	A.-S.	S.-Cu. E	10	A.-S.	S.-Cu. E
29..	NE	NE	NE	ENE	NE	NE	46.1	70.2	99.5	69.2	285	8	Ci.-S	Cu.-N. E	8	Ci.-S.	Cu.
30..	NE	NE	NE	NE	NE	NE	48.6	107.3	129.8	125.5	411.2	10	A.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
31..	NE	NE	NE	ENE	NE	NE	95.6	99.8	122.6	71.3	389.3	10	A.-S.	s.-cu. ENE	8	Ci.-S.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	36.7	55.2	68.2	46.8	206.9	6.8	.....	.....	7.8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,413.6	.....	.....	.....	.....	.....	.....

[a] 1 hour missing.

[b] 2 hours missing.

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

JANUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	58.32	59.02	60.02	58.19	58.54	59.87	58.99	23	22.2	28.8	27.4	25.4	24	25.1	29.9	22.2	97	98	76	83	93	97	90.7	.....
2..	59.02	59.25	60.41	58.31	59.21	60.64	59.47	22.8	21.8	27.8	29.5	26.6	23.9	25.4	30.2	21.7	97	97	82	71	87	97	88.5	.....
3..	59.32	59.96	61.56	59.06	60.51	61.77	60.36	22.8	22	27	27.4	24.8	25	24.8	28.9	22	97	98	84	84	93	90	91	37.1
4..	61.18	61.68	63.49	61.68	62.46	64.09	62.43	23.6	25.3	27	27.1	26	25.5	25.8	27.8	23.2	95	83	77	73	80	77	80.8	12.2
5..	63.48	64.43	65.58	63.84	64.45	65.26	64.51	23.2	23.2	25	26.3	25	25.4	24.7	27.9	22.7	90	90	80	70	76	70	79.3	1.5
6..	64.58	64.72	65.62	63.56	63.44	64.10	64.34	25	24.2	26.4	27	23.6	24.4	25.1	28.4	22.2	70	71	69	65	86	76	72.8	4.6
7..	63.08	63.23	64.36	62.22	62.57	63.86	63.22	24.8	24	27.8	29	25.8	25.6	26.2	29.6	23.3	72	78	67	62	70	79	71.3	.....
8..	63.08	63.40	64.96	63.11	63.53	64.77	63.81	25.2	23.7	28	27.2	26.3	26.2	26.1	28.8	22.7	74	85	70	72	69	75	74.2	1.3
9..	64.24	64.66	66.07	63.91	64.23	65.16	64.71	25.8	25.2	25.8	25.8	24.4	24.9	25.3	27.1	23	78	82	83	85	91	87	84.3	64.4
10..	64.30	64.82	65.88	64.36	64.54	65.48	64.90	23.3	23	23.8	23.3	24	24.4	23.6	24.9	22.5	97	96	96	94	87	84	92.3	88.4
11..	65.28	65.58	66.36	63.75	63.89	64.76	64.94	24	23.3	24	24.2	23.6	24.1	23.9	24.6	22.3	83	84	83	86	90	85	85.2	13.1
12..	63.48	63.53	64.37	61.90	62.10	63.01	63.06	23.8	23.9	23.6	23.4	24.2	23.4	23.7	24.4	22.7	86	88	92	97	95	97	92.5	169.6
13..	61.83	61.85	62.75	60.99	60.96	62.37	61.79	24.8	24.8	26	27.4	25.7	25.7	25.7	28.4	23.1	90	92	86	81	81	86	86	5.1
14..	61.13	61.17	61.99	59.93	60.63	61.46	61.05	25	25	27.7	26.6	25.7	25.7	26	28.9	24.5	92	92	79	80	88	88	86.5	.....
15..	60.78	60.83	62.29	60.12	60.44	61.06	60.92	25.2	25	28.2	28	26	26	26.4	28.4	23.8	90	86	77	75	80	78	81	14
16..	60.73	60.93	61.98	60.02	60.44	61.72	60.97	23.6	23.8	25.4	24.2	25.4	25.2	24.6	27.5	23.3	95	93	91	94	85	87	90.8	11.4
17..	60.45	60.73	61.41	59.33	59.87	60.66	60.41	25.2	24.6	26.2	27.8	25.8	25.8	25.9	28.2	23.8	87	92	92	80	80	88	86.5	2.8
18..	60	60.29	61.03	58.38	59.58	60.63	59.98	25.4	25.4	26.1	25.8	24.4	24.4	25.2	26.9	23.6	88	87	84	85	91	91	87.7	39.6
19..	59.22	59.80	60.90	58.38	58.94	59.78	59.50	24	24.2	25	25.7	25.4	23.8	24.7	25.8	23	93	90	88	82	83	96	88.7	52.8
20..	58.27	58.60	59.90	57.60	58.05	58.86	58.55	23.8	24	24	24.4	24.3	24	24.1	24.6	22.9	96	96	95	93	95	96	95.2	138
21..	57.70	58.22	59.62	58.17	59.47	60.45	58.94	23.6	23.4	23.9	23.7	23.2	23	23.5	24.5	22.8	97	98	96	97	91	93	95.3	67.8
22..	59.40	59.71	60.75	58.81	59.22	59.75	59.61	23.3	23.4	23.8	24.3	24.3	24.3	23.9	25	22.8	92	91	95	93	91	91	92.2	12.7
23..	58.94	59.04	60.15	58.30	59.10	59.73	59.21	24.4	24	26	25.6	25	25	25	26.9	23.7	91	96	88	88	88	92	90.5	3.3
24..	59.11	59.63	60.88	59.55	59.85	60.85	59.98	24.3	23.6	26.4	24	23.5	22.8	24.1	27.7	22.4	94	95	81	94	96	97	92.8	139.1
25..	60.08	60.21	61.19	59.98	61	61.28	60.62	23.6	22.8	23.2	23.2	22.5	24	23.2	24	22.2	95	97	98	94	97	91	95.3	116.9
26..	60.28	60.81	61.50	59.55	60.19	60.65	60.50	23.2	23	25.2	26.2	24.3	23.9	24.3	27.2	22.2	97	97	87	84	90	95	91.7	21.6
27..	60.17	60.49	61.20	59.21	59.84	60.27	60.20	24.8	25	26.7	25.4	25.3	25.2	25.4	27	24	85	83	79	88	85	87	84.5	3.5
28..	59.25	59.67	60.67	58.56	59.39	60.72	59.71	24.4	22.6	26.6	27.4	25.4	23.9	25	28.2	22.5	88	98	83	76	86	96	87.8	13.3
29..	59.78	59.85	61.29	59.49	60.18	61.74	60.39	22.6	22.4	25.5	26	25.2	24.4	24.4	26.6	22	95	96	84	80	92	85	88.7	21.3
30..	60.50	61.23	62.04	59.95	60.13	61.16	60.84	24.4	22.2	23	23	22.5	22.8	23	24.6	22	85	95	91	93	87	91	90.3	16.3
31..	59.83	59.93	60.60	58.62	58.92	60.39	59.72	23.4	22.4	26.5	24.5	24.3	23.3	24.1	26.6	22	91	96	79	97	89	97	91.5	27.5
Mean	60.86	61.20	62.28	60.28	60.83	61.82	61.21	24.1	23.7	25.8	25.8	24.8	24.5	24.8	27.1	22.8	89.6	91	84.3	83.7	86.8	88.4	87.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,099.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	E	E	Calm	Calm	5.6	22.7	23.9	2.7	54.9	6	Ci.	Cu.	10	Ci.-S.	Cu. E
2..	Calm	Calm	E	E	Calm	Calm	3.7	18.7	26.9	4	53.3	4	Ci.	Cu.	3	Ci.	Cu.
3..	Calm	Calm	NE	NE	NE	NE	6.4	33	58.4	83.4	181.2	3	Ci.	Cu.	6	Ci.	Cu. N
4..	NE	NE	NE	ENE	ENE	ENE	96.6	114.8	97.2	115.3	423.9	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. ENE
5..	ENE	ENE	ENE	ENE	ENE	ENE	124.1	125.3	118	118.9	486.3	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Cu. ENE
6..	ENE	ENE	ENE	ENE	ENE	ENE	112.3	109.4	94.3	81.1	397.1	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. ENE
7..	ENE	ENE	ENE	ENE	ENE	ENE	67.6	63.8	59.7	38.4	229.5	10	Ci.	Cu. ENE	6	Ci.	Cu. ENE
8..	ENE	Calm	ENE	ENE	NE	NE	42	58.5	74.3	86.4	261.2	7	Ci.	Cu. ENE	10	Ci.-S.	Cu. ENE
9..	NE	NE	NE	NE	ENE	ENE	99.8	104	105.2	114.9	423.9	10	Ci.-S.	Cu. NE	10	Ci.-S.	S.-Cu. NE
10..	ENE	ENE	ENE	ENE	ENE	ENE	128.1	135.4	127.4	135.8	526.7	10	Ci.-S.	N. ENE	10	.....	N. ENE
11..	NE	NE	NE	NE	NE	NE	135.7	122.3	118.3	107	483.3	10	.....	N. NE	10	.....	N. NE
12..	NE	NE	NE	NE	NE	NE	100.9	97.4	70.8	64.1	333.2	10	.....	N. NE	10	.....	N. NE
13..	NE	NE	NE	NE	NE	NE	47.8	66.5	70	60.2	244.5	10	.....	N. NE	10	Ci.-S.	Cu. NE
14..	NE	NE	ENE	ENE	ENE	ENE	31.4	58.9	44.6?	38.4?	173.3	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. ENE
15..	ENE	ENE	ENE	NE	NE	NE	48.5	53.4	63.8	80.2	245.9	3	Ci.	Cu. NE	6	Ci.	Cu. NE
16..	NE	NE	NE	ENE	ENE	ENE	94.4	86.1	54.7	53.9	289.1	10	Ci.-S.	N. NE	10	Ci.-S.	N. NE
17..	NE	NE	NE	NE	NE	NE	58.5	63.8	58.7	43.7	224.7	10	Ci.-S.	N. NE	7	Ci.	Cu. NE
18..	NE	NE	NE	NE	NE	NE	55.8	90.7	93.8	87.9	328.2	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NE
19..	NE	NE	NE	NE	NE	NE	96.6	116.5	107.3	97.1	417.5	10	Ci.-S.	Cu. NE	10	Ci.-S	Cu. NE
20..	NE	NE	NE	NE	NE	NE	85.5	94.8	88.8	83.9	353	10	.....	N. NE	10	.....	N. NE
21..	NE	Calm	Calm	Calm	NE	NE	20.9	9.2	56.3	85.1	171.5	10	.....	N. S	10	.....	N. W
22..	NE	NE	ENE	ENE	ENE	ENE	85.1	78.1	72.7	64.4	300.3	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu. ENE
23..	ENE	Calm	Calm	NE	NE	NE	38.3	24.1	61.5	65.7	189.6	10	Ci.-S.	Cu. E	10	Ci.-S.	S.-Cu. ENE
24..	ENE	ENE	ENE	ENE	ENE	ENE	68.4	69.8	84.5	92.2	314.9	10	Ci.-S.	S.-Cu. ENE	10	.....	N. ENE
25..	NE	NE	E	ENE	ENE	ENE	76.4	96.8	113.5	76.9	363.6	10	.....	N. NE	10	.....	N. ENE
26..	ENE	Calm	ENE	ENE	ENE	Calm	59.7	32.7	56.8	44.1	193.3	10	.....	N. ENE	10	Ci.-S.	Cu. ENE
27..	ENE	ENE	ENE	ENE	ENE	ENE	57.9	67.4?	46.9	37.6	209.8	10	Ci.-S.	S.-Cu. ENE	10	.....	N. ENE
28..	Calm	Calm	ENE	ENE	Calm	Calm	13.1	27.7	44.8	5.8	91.4	6	A.-Cu.	Cu.	6	Ci.-S.	Cu. ENE
29..	ENE	Calm	ENE	ENE	ENE	ENE	12.9	48.6	70.8	98	230.3	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu. NE
30..	ENE	ENE	ENE	ENE	ENE	ENE	120.2	77	75.1	43.1	315.4	10	.....	N. ENE	10	.....	N. ENE
31..	ENE	Calm	ENE	ENE	ENE	ENE	40.5	34.9	50.1	78.4	203.9	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. ENE
Mean	.....	.....	.....	.....	.....	.....	65.6	71	73.8	70.6	281.1	9	.....	.....	9.2	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,714.7	.....	.....	.....	.....	.....	.....

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

FEBRUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.65	59.72	61.48	58.92	59.47	60.44	59.95	21.3	23	23.2	25.5	24.5	23.4	23.5	27.2	21.2	97	91	94	80	83	93	89.7	35.8
2..	59.55	59.56	61.55	59.22	59.83	61.55	60.21	22.3	22.8	23.5	23.5	23.2	22.5	23	24.1	22	97	93	89	90	88	97	92.3	98.9
3..	60.50	60.46	62.21	60.23	60.78	62.36	61.09	22.3	22.2	22.3	24.2	23.2	22.3	22.8	24.2	21.6	97	98	97	94	96	96	96.3	202.7
4..	61.30	61.63	63.29	61.05	61.68	63.19	62.02	21.7	22	22.2	23.8	23.5	22.2	22.6	23.8	21.2	97	96	95	90	90	96	94	77.9
5..	61.81	62.13	63.43	61.30	61.90	63.54	62.35	22	21.7	24	25	23.6	22.8	23.2	25.3	21.3	96	98	91	85	95	97	93.7	100.3
6..	62.53	62.91	63.98	62.37	63.10	63.35	63.04	22.5	22.5	24.5	25	23.5	24	23.7	25.3	22	96	96	90	85	94	90	91.8	7.8
7..	62.50	62.70	63.39	61.39	61.56	63.02	62.43	23.2	24.4	26.5	27.4	25.5	25.2	25.4	27.6	23	95	88	83	76	85	90	86.2	.....
8..	61.60	62	62.50	60.13	60.56	61.83	61.44	22.7	22	26	29.1	26.2	24	25	29.2	22	94	98	90	74	85	96	89.5	.....
9..	61.10	61.38	62.32	60.63	60.99	62.28	61.45	22.8	21.8	26.7	26.3	25.4	25.2	24.7	27.2	21.8	95	100	84	82	80	78	86.5	5.1
10..	61.98	62.39	63.58	61.63	61.70	62.84	62.35	24.4	24.6	26	26	24	24.5	24.9	26.7	22.6	77	75	72	72	87	77	76.7	12.6
11..	62.30	62.73	63.36	61.05	61.44	62.58	62.24	22.2	22.2	24	24.6	23.2	23.4	23.3	24.8	21.7	96	96	83	81	90	88	89	37.9
12..	61.35	61.40	63.41	61.28	61.70	62.82	61.99	23	22.3	23	25.7	24.3	24	23.7	25.9	22.1	91	97	94	82	89	91	90.7	14.4
13..	62	62.48	63.64	61.93	63.18	64.33	62.93	23.8	22.4	23.8	23	23.3	23.2	23.2	24	21.2	93	96	91	91	89	87	91.2	12
14..	63.58	63.85	64.54	62.89	62.53	64	63.56	21.8	21.4	22.6	23	22.7	23	22.4	23.7	21.4	95	96	89	83	91	89	90.5	14
15..	63.08	62.66	63.54	61.16	61.35	62.52	62.38	23.3	23.8	25	26.5	25.4	24.9	24.8	27.3	22.3	89	89	90	84	87	92	88.5	9.4
16..	61.28	61.30	62.51	59.83	59.94	61.11	61	23	23	26.5	27.5	25.8	25	25.1	28.4	23	97	97	86	81	85	95	90.2	4.6
17..	59.75	59.98	61.32	58.65	59.26	60.04	59.83	23	21.8	27.5	28.1	25.2	25.1	25.1	28.6	21.7	97	97	81	75	92	88	88.3	4.1
18..	58.25	58.76	59.86	57.29	57.70	58.96	58.47	24.1	23.7	26.6	27	26	24	25.2	28.9	22.5	94	94	84	84	88	96	90	42.7
19..	57.77	57.76	59.07	57.01	58.15	59.07	58.14	21.9	21.7	26.7	27.3	23.7	22.8	24	27.8	21.5	97	98	92	82	97	97	93.8	8.9
20..	59.10	59.47	61.75	60.64	61.30	62.40	60.78	22.5	23	24.5	25	25	24.7	24.1	25.3	22.1	96	89	82	80	77	79	83.8	8.7
21..	62.10	62.25	63.32	61.88	62.08	63.27	62.48	24	24.2	26	24.6	24.7	24.8	24.7	26.1	23.4	83	79	72	79	75	75	77.2	.8
22..	62.20	62.23	63.50	61.66	61.57	62.73	62.32	24.2	24.2	25.4	26.2	25	24.8	25	28	24	78	79	73	69	73	77	74.8	.....
23..	61.40	61.34	62.07	60.11	60.28	60.89	61.02	24.2	24.5	26	27.2	25.4	25	25.4	27.2	23.6	78	78	76	69	77	80	76.3	.....
24..	59.93	59.98	60.98	59.03	59.26	60.23	59.90	24	24.4	28.1	27.8	26	25.6	26	29.1	23.1	90	88	74	75	82	85	82.3	30
25..	59.70	60.08	60.88	58.65	58.88	60.06	59.71	24.3	23.3	24.1	26.5	25.5	25.4	24.8	26.6	22.8	91	96	94	84	89	93	91.2	31.2
26..	58.95	59.16	59.99	57.94	58.19	59.74	59	24.8	24	27.6	28.4	26.2	25.2	26	28.8	23.7	95	98	84	78	82	90	87.8	12.4
27..	58.34	58.90	59.83	57.63	57.72	58.24	58.44	24.7	23.8	27.7	28	26.2	25.8	26	28.3	23.7	92	97	77	80	85	89	86.7	.3
28..	57.73	58.30	59.58	57.96	58.20	59.27	58.51	24.2	23.8	28.3	28.7	25.7	26.2	26.2	29.1	23.7	91	93	75	75	86	87	84.5	.....
Mean	60.76	60.98	62.17	60.12	60.51	61.67	61.04	23.2	23	25.3	26.1	24.7	24.2	24.4	26.7	22.4	92.3	92.5	85.1	80.7	86.3	88.9	87.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	772.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	ENE	Calm	ENE	ENE	ENE	ENE	39.9	90.9	75.9	75.6	282.3	10	.....	N. ENE	10	Ci.-S.	S.-Cu. ENE
2..	E	E	ENE	ENE	ENE	ENE	83.9	102	93.8	75.4	355.1	10	.....	N. NE	10	.....	S.-Cu. NE
3..	ENE	ENE	ENE	ENE	ENE	ENE	60.2	79.5	62.8	59.2	261.7	10	.....	N. ENE	10	.....	N. ENE
4..	ENE	ENE	ENE	ENE	ENE	ENE	41.3	62	57.9	61.4	222.6	10	.....	N. NE	10	Ci.-S.	S.-Cu. NE
5..	Calm	Calm	Calm	ENE	ENE	ENE	13.2	12.4	51	73	149.6	10	.....	N.	10	Ci.-S.	Cu. E
6..	ENE	ENE	ENE	ENE	ENE	ENE	98.8	56.5	52.1	18.2	225.6	10	.....	N. ENE	10	.....	N. ENE
7..	Calm	E	E	E	E	Calm	24.7	64.9	70.3	25.2	185.1	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
8..	Calm	Calm	Calm	E	Calm	Calm	3.7	18.7	39.6	6.9	68.9	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
9..	Calm	Calm	ENE	ENE	NE	NE	7.5	28.5	73.4	82.3	191.7	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. NE
10..	NE	NNE	NE	NE	NE	NE	78.7	81.3	78.6	107.5	346.1	10	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	Cu. NE
11..	NNE	NNE	NNE	ENE	ENE	Calm	84.8	82.1	71.9	53.4	292.2	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu. NE
12..	Calm	ENE	Calm	Calm	ENE	Calm	49.9	13.1	38.1	42.8	143.9	10	Ci.-S.	S.-Cu. S	10	Ci.-S.	Cu. E
13..	ENE	ENE	ENE	ENE	ENE	ENE	58.5	90.6	114.9	117	381	10	.....	N. NE	10	.....	N. NE
14..	ENE	ENE	ENE	ENE	ENE	ENE	113.3	111.8	97.6	90.1	412.8	10	.....	N. NNE	10	.....	N. NNE
15..	ENE	ENE	ENE	ENE	ENE	ENE	93.9	70.2	58.9	34.4	257.4	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	S.-Cu. ENE
16..	Calm	Calm	ENE	ENE	Calm	Calm	20.4	34.1	47	19	120.5	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. ENE
17..	Calm	Calm	E	E	Calm	ENE	3.4	22.2	47.2	33.6	106.4	4	A.-Cu.	Cu.	10	Ci.-S.	Cu. ENE
18..	ENE	Calm	ENE	ENE	Calm	Calm	30.6	39.9	39.7	11.3	121.5	8	Ci.-S.	Cu. E	6	Ci.	Cu. E
19..	Calm	Calm	Calm	E	Calm	Calm	6.7	17.1	23.5	4.8	52.1	10	Ci.-S.	Cu.	6	Ci.	Cu. E
20..	Calm	NNE	NNE	NNE	NNE	NNE	28.8	85	80.5	100.1	294.4	10	Ci.-S.	S.-Cu. N	10	Ci.-S.	S.-Cu. NE
21..	NNE	NNE	NNE	NNE	NNE	NNE	94.1	89.8	79.5	79.4	342.8	10	Ci.-S.	Cu. NNE	10	Ci.-S.	S.-Cu. NNE
22..	NNE	NNE	NNE	NNE	NNE	NNE	67.1	73.2	66.6	52.1	259	10	Ci.-S.	Cu. NNE	10	Ci.-S.	Cu. NE
23..	NE	NE	NE	NE	NE	NE	42	52	65.4	47	206.4	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NE
24..	Calm	Calm	ENE	ENE	ENE	ENE	28.4	39.1	55	50.7	173.2	10	A.-Cu.	Cu. NE	10	Ci.	Cu. NE
25..	Calm	ENE	ENE	ENE	Calm	Calm	36	44.1	42.6	26.2	148.9	10	.....	N.	10	Ci.-S.	Cu.
26..	Calm	Calm	ENE	ENE	ENE	Calm	16.4	36.5	54.9	18.2	126	10	Ci.-S.	S.-Cu. E	3	Ci.	Cu. E
27..	Calm	Calm	ENE	ENE	ENE	Calm	13.7	44.5	58.5	30.8	147.5	10	Ci.-S.	S.-Cu. E	6	Ci.	Cu. E
28..	Calm	Calm	ENE	ENE	Calm	Calm	7.7	30	47.5	36	121.2	3	Ci.	Cu.	3	Ci.	Cu. ENE
Mean	.....	.....	.....	.....	.....	.....	44.6	56.1	62.3	51.1	214.1	9.5	.....	.....	9.1	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,995.9	.....	.....	.....	.....	.....	.....

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

MARCH, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.48	58.98	60.39	58.19	58.32	59.39	58.96	25.2	25.2	26.8	28	26.3	25.6	26.2	28.8	24.5	90	86	80	79	86	87	84.7	.....
2..	58.73	58.95	60.07	57.63	58.10	59.49	58.82	25.5	25.4	27.3	28.4	26.6	26	26.5	29.5	25.3	86	86	82	80	82	88	84	2.3
3..	58.88	59.08	60.23	57.86	58.04	59.05	58.86	25.4	25.3	25.5	28.5	26.8	26.1	26.3	29.2	24.7	93	94	89	81	86	92	89.2	7.4
4..	58.01	58.16	59.33	57.53	57.90	59.57	58.42	25.6	25.3	28.8	25.4	25	24	25.7	29.7	23.2	90	93	79	88	93	96	89.8	32.8
5..	58.50	58.75	60.36	58.13	58.46	59.99	59.03	23.4	24	27.8	26.4	26	24	25.3	28	23.2	97	97	77	89	88	96	90.7	7.9
6..	58.70	59.43	60.56	58.63	58.90	59.77	59.33	23.3	22.8	27.7	29.5	26.5	25.7	25.9	29.9	22.7	96	97	79	75	83	84	85.7	.....
7..	59.05	59.72	61.07	58.77	58.89	59.74	59.54	25.2	25.3	28.5	29	26.8	26.3	26.8	30.1	25	87	84	74	74	78	79	79.3	.....
8..	58.88	59.18	59.97	57.71	57.91	59.04	58.78	25.4	25.6	28.5	30	24.5	24.5	26.4	30	24	87	85	74	70	91	94	83.5	15.6
9..	58.10	58.45	59.96	58.09	58.14	59.73	58.74	24.3	24	27.7	28	26.8	26.5	26.2	29.5	23.5	94	96	79	77	83	86	85.8	1.3
10..	59.01	59.38	60.83	58.48	58.29	59.91	59.32	25.8	25.8	27	29.5	27	24.2	26.6	29.8	23.6	88	88	84	75	84	94	85.5	22.5
11..	58.93	59.44	60.64	58.59	58.69	59.64	59.32	24.2	25.5	28.2	29	27	26.5	26.7	29.6	23.5	90	88	76	71	80	80	80.8	.....
12..	58.58	58.64	59.96	58.06	58.08	58.90	58.70	25.3	26	29	29.7	26.5	25.3	27	29.9	24.6	86	85	76	65	80	87	79.8	2.5
13..	58.20	58.83	59.66	58.13	59.08	60.43	59.06	25.3	25	27.4	28.7	24.3	23.7	25.7	28.7	23	87	89	84	82	93	97	88.7	26.9
14..	59.32	59.83	60.86	59.61	60.04	61.22	60.15	22.5	22.5	26.7	29.4	26.8	25.9	25.6	29.6	22.2	98	98	90	75	84	85	88.3	6.1
15..	60.73	61.35	62.91	60.72	61.37	62.16	61.54	24.4	25	27.7	29.8	26.8	26.5	26.7	30	24.3	91	90	77	69	77	78	80.3	.....
16..	61.01	61.54	62.23	60.01	60.39	61.27	61.08	26.2	26.2	28	27.7	25.4	24.8	26.4	29.3	23.4	79	79	73	73	80	89	78.8	29.2
17..	60.43	60.70	61.40	59.47	59.81	61.40	60.54	23.7	23.6	25.6	27.5	24.6	25.7	25.1	29	23.2	94	95	93	79	92	88	90.2	43.5
18..	60.43	60.74	61.77	60.02	59.99	60.76	60.62	24.4	25	28.4	29.5	25.8	26.4	26.6	29.9	24	88	89	82	73	85	83	83.3	6.9
19..	59.71	60.22	61.06	59.03	59.23	60.37	59.94	25.2	25	28	28.5	27.3	26.7	26.8	30	24.2	90	92	80	79	87	86	85.7	.....
20..	59.38	60.16	61.56	59.75	59.66	61.09	60.27	25.6	24.8	29.4	29.5	27	26.5	27.1	29.9	24.2	93	95	75	72	82	84	83.5	2.1
21..	60.08	60.61	62.01	60.38	60.78	62.13	61	26.2	25.5	29	30	27	25.8	27.2	30.8	25.4	82	84	71	68	80	81	77.7	.....
22..	61.64	61.20	62.71	60.98	60.91	62.13	61.60	23.1	22.7	27.4	30.1	26.5	26.5	26	31	22.6	93	94	76	68	84	84	83.2	2.8
23..	60.34	60.58	61.77	59.98	60.01	60.93	60.60	26.2	23.4	29	30	26.6	26.4	26.9	30.2	23.1	82	93	73	66	84	81	79.8	16.8
24..	60.26	60.47	61.19	59.83	60.01	61.68	60.57	25.1	23.6	26.6	27.1	25.1	23.5	25.2	29	22.2	84	91	84	82	91	94	87.7	52.9
25..	60.43	60.63	61.98	59.91	60.21	61.16	60.72	23.2	23.8	24.5	28	25.5	26.2	25.2	29.2	23	93	91	89	72	84	75	84	3.3
26..	59.99	60.12	61.68	59.61	59.93	61.50	60.47	25.8	25.4	24.3	25.4	24.4	23.4	24.8	27.4	22.8	78	80	89	84	89	95	85.8	17.5
27..	60.30	60.43	61.42	59.94	60.17	61.41	60.61	22.6	22.7	27.2	26.8	26.4	24.4	25	30.2	22.5	98	97	80	86	86	94	90.2	6.3
28..	60.85	61.45	62.84	61.18	61.43	62.71	61.74	23.2	24	25.4	28.4	26.6	26	25.6	29.5	22	95	96	91	75	86	88	88.5	.5
29..	61.55	61.75	62.96	61.08	60.83	62.25	61.74	24.1	23.2	29	26.8	27.1	24	25.7	29	23	96	98	74	84	81	95	88	13.7
30..	60.65	60.82	61.64	59.03	59.56	60.73	60.40	23.2	23.4	27.5	27.6	25.4	24.5	25.3	29.2	23	98	97	81	80	92	97	90.8	7.3
31..	60.10	60.48	61.60	59.59	59.78	61.16	60.45	24.2	24.2	25.4	27	26.8	25.8	25.6	27.4	23.9	97	96	91	84	92	91	91.8	10.9
Mean	59.65	60	61.18	59.22	59.45	60.67	60.03	24.6	24.5	27.4	28.4	26.2	25.4	26.1	29.5	23.5	90.3	91.1	80.7	76.6	85.3	88	85.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	339

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	ENE	ENE	ENE	ENE	Calm	ENE	33.2	50.5	47.5	36	167.2	10	Ci.-S.	Cu. E	6	Ci.	Cu. E
2..	ENE	ENE	ENE	ENE	ENE	ENE	59.8	68.7	56	31.4	215.9	6	Ci.	Cu. E	4	Ci.	Cu. E
3..	Calm	Calm	ENE	ENE	Calm	Calm	26.8	39.2	39.6	15.1	120.7	10	Ci.-S.	s.-Cu. ENE	10	Ci.-S.	Cu. NE
4..	ENE	Calm	ENE	ENE	ENE	ENE	22.2	59.3	62.5	42.6	186.6	4	Ci.	Cu. E	10	Ci.-S.	S.-Cu. E
5..	Calm	Calm	ENE	Calm	ENE	Calm	7.7	25.1	20.6	29	82.4	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.-Cu. E
6..	Calm	Calm	ENE	ENE	Calm	ENE	3.7	30	58.5	37	129.2	10	Ci.-S.	Cu. E	6	Ci.	Cu. E
7..	ENE	ENE	ENE	ENE	ENE	ENE	36	60.7	65	58.7	220.4	6	Ci.	Cu. E	4	Ci.	Cu. E
8..	ENE	ENE	ENE	ENE	ENE	Calm	60.9	78.9	70.5	17.7	228	7	Ci.	Cu. ENE	5	Ci.	Cu. NE
9..	Calm	Calm	ENE	ENE	ENE	Calm	8.7	30.4	46.7	24.4	110.2	10	Ci.-S.	s.-Cu. ENE	10	Ci.-S.	Cu. ENE
10..	Calm	ENE	ENE	ENE	ENE	ENE	29.5	50.2	64.1	54.7	198.5	5	Ci.	Cu. ENE	6	Ci.	Cu. ENE
11..	Calm	ENE	ENE	ENE	ENE	ENE	31.6	72.1	82.1	60.9	246.7	10	Ci.-S.	Cu. ENE	6	Ci.	Cu. ENE
12..	Calm	ENE	ENE	ENE	Calm	Calm	42.1	70	58.9	13.9	184.9	7	Ci.	Cu. ENE	6	Ci.	Cu. ENE
13..	Calm	ENE	ENE	ENE	Calm	Calm	26.9	39.2	31.4	5.3	102.8	10	.....	N. ENE	10	Ci.-S.	Cu. ENE
14..	Calm	Calm	ENE	ENE	ENE	Calm	4.3	26.2	56.1	34.4	121	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	Cu. ENE
15..	Calm	Calm	ENE	ENE	ENE	ENE	25.5	67.9	78.6	87.2	259.2	7	Ci.	Cu. E	6	Ci.	Cu. E
16..	ENE	ENE	ENE	ENE	ENE	ENE	83.4	77	79.4	51.7	291.5	6	Ci.	Cu. E	10	Ci.-S.	Cu. E
17..	ENE	Calm	ENE	ENE	Calm	ENE	39.7	32.7	52.6	32	157	10	Ci.-S.	s.-Cu. ENE	10	Ci.-S.	Cu. ENE
18..	Calm	ENE	ENE	ENE	ENE	ENE	31.2	49.7	53.6	51.7	186.2	6	Ci.	Cu. E	7	Ci.	Cu. E
19..	ENE	Calm	ENE	ENE	ENE	Calm	36.2	50.9	51.2	28.7	167	7	Ci.	Cu. E	7	Ci.	Cu. E
20..	Calm	Calm	ENE	ENE	Calm	ENE	9.2	30.4	48.9	32.2	120.7	6	Ci.	Cu. E	3	Ci.	Cu. E
21..	ENE	ENE	ENE	ENE	Calm	ENE	39.2	48.1	49.3	24.6	161.2	4	Ci.	Cu. ENE	4	Ci.	Cu. ENE
22..	Calm	Calm	ENE	ENE	ENE	ENE	7	31.1	48.9	40.7	127.7	4	Ci.	Cu. ENE	3	Ci.	Cu. ENE
23..	ENE	Calm	ENE	ENE	ENE	ENE	35.2	41.6	58.2	52	187	5	Ci.	Cu. E	3	Ci.	Cu. E
24..	ENE	Calm	ENE	ENE	ENE	ENE	47.8	44.3	64.1	25.2	181.4	10	.....	N. ENE	10	Ci.-S.	Cu. ENE
25..	Calm	ENE	Calm	ENE	Calm	ENE	25.7	30.1	34	45.1	134.9	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. ENE
26..	ENE	ENE	ENE	ENE	Calm	Calm	50.1	57.6	36.8	11.3	155.8	7	Ci.	Cu. ENE	10	Ci.-S.	S.-Cu. ENE
27..	Calm	Calm	ENE	Calm	Calm	Calm	5.9	20.4	23	6.7	56	7	Ci.	Cu.	10	Ci.-S.	Cu.
28..	Calm	NE	NE	NE	Calm	Calm	8.9	62.2	42.6	15	128.7	10	Ci.-S.	s.-Cu. NNE	3	Ci.	Cu. ENE
29..	Calm	Calm	ENE	ENE	Calm	Calm	5.6	24.3	21.5	4.2	55.6	5	Ci.	Cu. ENE	8	Ci.-S.	Cu. ENE
30..	Calm	Calm	NNE	WNW	Calm	Calm	6.4	25.2	33.6	3.7	68.9	10	Ci.-S.	Cu. S	10	Ci.-S.	Cu. WNW
31..	Calm	Calm	W	W	Calm	W	14.5	36.2	40.7	45.1	136.5	10	Ci.-S.	s.-Cu. NNW	10	Ci.-S.	S.-Cu. NW
Mean	.....	.....	.....	.....	.....	.....	27.9	46.1	50.9	32.8	157.7	7.7	.....	.....	7.3	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,889.8	.....	.....	.....	.....	.....	.....

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

APRIL, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	60.08	60.20	60.99	59.02	59.61	60.83	60.12	25.2	25		29.2	27.7	27.4	26.3	26.8	30.2	24.7	95	96	75	75	84	91	86	12.2
2..	59.18	59.61	60.58	58.88	59.42	60.14	59.64	25.5	24.8	28		27.2	26.5	23.8	26	28.7	23.3	93	96	85	89	91	97	91.8	14.3
3..	58.90	59.33	60.34	58.41	58.58	60.08	59.27	23.1	22.7	28		29.5	27.7	26.4	26.2	30.2	22.5	97	97	83	78	82	89	87.7	.....
4..	58.95	59.57	60.52	58.86	58.91	60.27	59.51	24.5	22.7	29.5	30	28		26.6	26.9	31.2	22.7	94	97	71	70	77	87	82.7	3.6
5..	59.30	59.80	60.91	58.75	58.77	60.23	59.63	26		24.4	28.9	29.8	27.5	27.3	27.3	30.7	24.3	89	95	83	75	84	85	85.2	.....
6..	58.98	59.04	59.93	58.20	58.61	60.21	59.16	25.3	24.5	29.7	30.4	28.2	27.2	27.6	30.4	24.5	94	96	73	74	83	84	84	9.4
7..	58.75	58.98	59.99	57.98	57.77	59.57	58.84	25		24.8	28	28	26	25.5	26.2	29.9	24.5	95	96	88	85	88	96	91.3	7.6
8..	58.13	58.03	59.38	57.33	57.70	59.41	58.33	25		24.7	27.1	29.2	26.8	25.7	26.4	29.7	23.9	97	97	87	80	86	94	90.2	26.4
9..	58.40	58.60	59.61	58.28	58.09	59.75	58.79	24.2	24.4	29.3	26.3	25.2	24.3	25.6	30.2	23.2	98	98	81	92	94	96	93.2	3
10..	58.87	59.06	60.13	57.71	58.26	59.08	58.85	23		22.7	28.7	29.7	27.8	25.7	26.3	30.9	22.4	97	97	82	76	86	94	88.7	.....
11..	57.88	58.26	58.43	56.77	57.07	58.25	57.78	24.4	23.5	30		28.6	27.5	25.4	26.6	31.6	23.3	97	96	71	80	79	92	85.8	.....
12..	57.28	57.66	58.63	56.21	56.76	58.33	57.48	24.2	23		30.4	30.5	28.5	25.8	27.1	31.8	23	95	96	70	72	83	95	85.2	.....
13..	57.60	58.20	59.41	57.23	57.51	59.47	58.24	24.1	23.4	29.3	31.6	28.2	26		27.1	32.2	23.3	96	97	79	65	83	93	85.5	.....
14..	58.50	59.10	59.60	57.66	58.18	59.91	58.82	24.5	23.8	30.6	31.5	28.5	25.5	27.4	32.2	23.5	96	97	73	66	81	94	84.5	.....
15..	58.65	58.70	59.07	56.91	57.26	58.79	58.23	24.8	23.8	30.5	31	28.8	25.7	27.4	31.8	23.7	95	96	75	69	77	93	84.2	.....
16..	57.28	57.67	58.42	56.16	56.81	58.24	57.43	24.6	24.2	31.5	32	29.2	26.4	28	32.6	24	95	94	69	69	81	92	83.3	.....
17..	57.48	57.88	59.28	57.46	57.61	58.97	58.11	25.2	24.7	29.5	29.5	28.1	25.5	27.1	31.2	24.6	95	96	78	83	85	96	88.8	9.9
18..	57.90	58.55	59.41	57.17	57.43	59.21	58.28	24.2	23.7	30.5	31.2	28.5	25.8	27.3	32	23.5	97	97	70	68	81	93	84.3	.....
19..	58.13	58.11	59.09	56.97	57.24	59.31	58.14	25.1	24		30.1	31.5	29	25.8	27.6	32.7	24	95	96	71	69	78	92	83.5	.....
20..	58.08	58.22	58.94	57.13	57.13	58.73	58.04	23.9	23		31.1	31.8	28.6	25.8	27.4	32	23	96	97	70	65	78	93	83.2	.....
21..	57.48	57.87	58.64	56.88	57.22	58.48	57.76	24		23.5	30.5	31.5	27.8	25.7	27.2	31.8	23.3	95	96	68	66	82	92	83.2	.....
22..	57.60	58.11	58.83	56.50	57.08	58.23	57.72	24		22.9	31	32	28.5	27	27.6	32.2	22.6	93	97	70	68	82	84	82.3	.....
23..	57.03	57.42	58.52	56.82	56.78	58.18	57.46	24.3	23.6	31.5	32.3	28.5	26.1	27.7	32.6	23.3	94	96	65	63	81	94	82.2	.....
24..	57.81	58.52	59.40	57.41	57.64	59.21	58.33	24.4	23.8	31.1	32.3	29.3	25.9	27.8	32.8	23.6	95	97	71	64	77	93	82.8	.....
25..	58.44	58.85	59.79	58.06	57.98	59.31	58.74	24.9	24.2	31.3	31.3	29.2	27.2	28	32.5	23.9	94	95	69	67	75	83	80.5	7.4
26..	58.03	58.45	59.33	57.53	58.01	58.91	58.38	26	26.6	30.5	31.2	28	25.6	28	31.4	24.5	90	83	72	68	77	89	79.8	.....
27..	57.55	58	58.98	57.10	57.48	58.24	57.89	24	23.5	30.3	31.5	28.7	25.5	27.2	31.6	23.2	95	96	70	67	83	92	83.8	.....
28..	57.44	58.09	58.67	56.76	57.18	58.32	57.74	24	23.8	31	31.3	28.5	25.7	27.4	32	23.5	97	97	72	70	78	93	84.5	.....
29..	57.43	57.70	58.29	56.57	56.47	58.01	57.41	24.7	24.5	31.2	32.2	28	27.8	28.1	32.2	24.2	97	96	68	63	81	84	81.5	.3
30..	56.88	57.48	58.33	56.76	56.48	58.44	57.40	26.8	26.4	30	28	28.4	25.5	27.5	31.7	24.9	87	89	75	88	85	94	86.3	.....
Mean	58.13	58.50	59.38	57.45	57.70	59.14	58.38	24.6	24		29.9	30.4	28	26	27.2	31.4	23.6	94.8	95.6	74.5	72.8	82.1	91.5	85.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	94.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	ENE	Calm	ENE	ENE	Calm	Calm	32.8	41.5	39.9	9.5	123.7	10	Ci.-S.	N. NW	6	Ci.-S.	Cu. E
2..	ENE	Calm	ENE	Calm	Calm	Calm	19.1	35.2	29.8	7.7	91.8	10	Ci.-S.	N.	10	Ci.-S.	Cu.
3..	Calm	Calm	ENE	ENE	ENE	Calm	3.7	30	40.5	20.9	95.1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
4..	Calm	Calm	ENE	ENE	ENE	Calm	2.9	28.8	50.7	26.8	109.2	2	Ci.	Cu.	3	Ci.	Cu.
5..	Calm	Calm	ENE	ENE	Calm	ENE	8.7	30	43.5	33.6	115.8	7	Ci.	Cu.	8	Ci.-S.	Cu.
6..	Calm	Calm	ENE	ENE	Calm	ENE	6.4	40.5	54.2	37	138.1	5	Ci.	Cu. ENE	4	Ci.	Cu. ENE
7..	Calm	Calm	ENE	ENE	Calm	Calm	21.1	27.2	23	8.5	79.8	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. ENE
8..	Calm	Calm	ENE	ENE	Calm	Calm	8.3	24.7	45.3	9.4	87.7	10	Ci.-S.	S.-Cu. ENE	6	Ci.	Cu. ENE
9..	Calm	Calm	ENE	E	Calm	Calm	6.6	30.1	39.7	11.9	88.3	10	Ci.-S.	Cu. E	10	.....	N. E
10..	Calm	Calm	ENE	ENE	Calm	Calm	8	31.1	43.5	6.7	89.3	0	Ci.	Cu.	4	Ci.	Cu.
11..	Calm	Calm	ENE	ENE	Calm	Calm	5.1	38.4	38.9	5.4	87.8	3	Ci.	Cu.	10	Ci.-S.	Cu. E
12..	Calm	Calm	ENE	ENE	Calm	Calm	5.4	26.9	43.3	4.6	80.2	0	Ci.	Cu.	6	Ci.	Cu. E
13..	Calm	Calm	ENE	ENE	Calm	Calm	7	23.6	41.3	9.2	81.1	6	Ci.	Cu.	6	Ci.-S.	Cu. E
14..	Calm	Calm	ENE	ENE	Calm	Calm	7.2	26.2	44.3	5	82.7	5	Ci.	Cu.	4	Ci.	Cu. E
15..	Calm	Calm	ENE	ENE	Calm	Calm	6.4	26.9	41.2	7.8	82.3	4	A.-Cu.	Cu.	4	Ci.	Cu. E
16..	Calm	Calm	ENE	ENE	Calm	Calm	9.4	25.5	36	11.9	82.8	2	Ci.	Cu.	3	Ci.	Cu.
17..	Calm	Calm	ENE	Calm	Calm	Calm	3	21.4	16.9	4.6	45.9	7	Ci.	Cu.	10	Ci.-S.	Cu.
18..	Calm	Calm	NE	NE	Calm	Calm	5.9	23.9	37.5	5	72.3	3	Ci.	Cu.	3	Ci.	Cu. S
19..	Calm	Calm	Calm	ENE	Calm	Calm	6.4	25.2	48.5	5.3	85.4	2	Ci.	Cu.	3	Ci.	Cu.
20..	Calm	Calm	NE	NE	Calm	Calm	4.8	32.2	46.2	4.8	88	1	Ci.	Cu.	2	Ci.	Cu.
21..	Calm	Calm	ENE	ENE	Calm	Calm	4.3	33.3	49.1	4.2	90.9	0	Ci.	Cu.	1	Ci.	Cu.
22..	Calm	Calm	ENE	ENE	Calm	Calm	6.6	31.9	38.9	8	85.4	1	Ci.	Cu.	3	Ci.	Cu.
23..	Calm	Calm	ENE	ENE	Calm	Calm	5.6	36.8	49.9	8.9	101.2	0	.....	Cu.	0	Ci.	Cu.
24..	Calm	Calm	ENE	ENE	Calm	Calm	4	24.3	38.4	4	70.7	4	Ci.	Cu.	3	Ci.	Cu.
25..	Calm	Calm	ENE	ENE	Calm	ENE	4.6	34.8	44.8	28.8	113	7	Ci.	Cu. E	6	Ci.	Cu. E
26..	Calm	ENE	ENE	ENE	ENE	Calm	35.4	46.9	50.2	11.9	144.4	4	Ci.	Cu. ENE	3	Ci.	Cu. E
27..	Calm	Calm	ENE	ENE	Calm	Calm	4.8	30.4	32.7	5.4	73.3	4	Ci.	Cu.	4	Ci.	Cu.
28..	Calm	Calm	ENE	ENE	Calm	Calm	6.2	26.8	38.9	4.8	76.7	10	Ci.-S.	Cu. NW	10	Ci.-S.	Cu. ENE
29..	Calm	Calm	ENE	ENE	ENE	ENE	5.3	28.5	51.2	44.1	129.1	0	.....	Cu.	6	Ci.	Cu.
30..	Calm	Calm	ENE	Calm	Calm	Calm	41.2	37	20.9	4.6	103.7	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. S
Mean	.....	.....	.....	.....	.....	.....	9.9	30.7	40.6	12	93.2	4.9	.....	.....	5.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,795.7	.....	.....	.....	.....	.....	.....

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

MAY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1	57.28	57.60	58.36	56.92	58.04	59.33	57.92	24.3	24	32.7	31.5	28.6	28.3	28.2	33	23.6	95	96	60	69	81	83	80.7	.....
2	57.68	58.40	59.43	57.40	58.07	59.46	58.41	26	25.4	30.5	31.6	28.8	26.2	28.1	32.8	25	94	95	74	69	79	94	84.2	52.1
3	57.20	57.33	58.32	56.52	56.86	58.62	57.48	25	24.5	30.2	27.3	25	24	26	30.9	23.7	96	97	75	91	92	96	91.2	11.4
4	57.22	57.87	59.06	57.25	57.53	59.05	58	23.4	23.5	30.5	26.3	27.3	25.8	26.1	32.1	23.2	97	96	72	87	88	97	89.5	11.7
5	58.18	58.42	59.76	57.22	57.88	59.47	58.49	24.9	24.4	29.5	31.3	28.4	26	27.4	31.6	24	96	97	79	70	85	92	86.5	.....
6	58.08	58.51	58.66	57.05	58.22	59.56	58.35	24.7	24.4	31	30.4	27	25.4	27.2	32.2	24	96	97	75	74	89	93	87.3	.....
7	57.80	58.20	59.36	57.21	57.82	59.28	58.28	24.4	24.2	31	29	27.8	25.8	27	31.9	23.8	95	96	72	78	89	95	87.5	1.3
8	58	58.20	59.02	57.25	57.80	60.03	58.38	24.6	24	30.6	30.5	26	24.7	26.7	31.4	23.7	95	96	71	72	92	94	86.7	.5
9	58.45	58.52	58.98	57.33	58.20	59.92	58.57	23.8	23.3	30.8	29.6	29.8	26.7	27.3	32.8	23.1	95	96	73	83	81	94	87	.5
10	57.80	58.48	58.72	57.07	57.60	59.24	58.15	25.4	24.5	30.5	27.8	26.4	25.4	26.7	31.2	24.5	95	97	77	91	93	95	91.3	17.3
11	57.53	57.70	57.77	56.02	57.01	58.25	57.38	24.4	24	32	32	27.5	26	27.6	32.8	23.9	97	97	67	69	88	94	85.3	.....
12	57.40	57.93	58.96	56.76	57.76	59.15	57.99	25	24.6	31.8	33	27.5	26	28	33.7	24.4	94	97	67	63	92	92	84.2	.....
13	58.50	58.53	59.28	57.56	58.96	60.04	58.81	25	25	31.2	31.7	29.7	25.7	28	33	24.6	96	96	73	66	81	94	84.3	21.1
14	59.18	59.94	60.28	58.18	58.70	60.41	59.45	25.2	25	31.8	32.5	30	25.2	28.3	33	24.5	95	96	72	68	78	98	84.5	.....
15	59.73	60.59	60.68	58.66	59.01	60.57	59.87	24.5	24.3	31.6	32.5	29.5	26	28.1	33.2	23.9	96	95	70	66	75	94	82.7	.....
16	59.71	60.23	60.38	58.27	58.82	60.82	59.70	24.6	23.8	31.5	31.5	29	27.3	28	32.8	23.2	95	96	63	66	78	82	80	.....
17	59.10	59.62	60.55	58.44	59.12	61.38	59.70	25	23.8	31	32	29	24.5	27.6	32.6	23.7	92	96	65	59	73	92	79.5	.....
18	59.78	60.29	61.63	59.24	59.44	61.36	60.29	23.6	23.4	31	32.4	29.4	25.5	27.6	32.6	23.2	95	97	70	62	76	93	82.2	35.5
19	59.33	59.54	60.63	58.76	58.91	59.73	59.48	23.8	24.2	30.4	30.3	28	25.5	27	30.7	23.7	97	97	74	73	81	93	85.8	.....
20	57.98	58.29	59.13	57.78	58.07	59.04	58.38	24.4	24.1	31.4	30	25.8	25.2	26.8	32.5	23.8	97	97	68	73	93	90	86.3	1
21	57.73	58.30	58.93	57.10	57.84	59.34	58.21	24.3	23.7	30	29.4	26	25	26.4	32	23.5	94	96	73	70	90	93	96	.....
22	58.33	58.95	60.01	58.31	58.26	59.58	58.91	24	23.7	27.7	28.7	28	25.5	26.3	31.8	23.5	95	96	82	80	81	93	87.8	1.3
23	58.60	59.10	60.05	58.83	59.11	60.17	59.31	24.2	23.8	31.3	27.6	27	25.4	26.6	31.6	23.5	95	97	68	87	92	97	89.3	4.3
24	58.98	58.80	59.53	57.73	58.06	59.48	58.76	24.6	23.8	29.3	31.5	27.5	26	27.1	31.5	23.8	97	97	76	67	81	89	84.5	.....
25	58.30	58.39	58.86	57.46	57.76	58.43	58.20	24.2	23.5	30.5	27.5	28	25.4	26.5	32.6	23.5	95	96	72	88	88	95	89	4.3
26	58.03	58.45	58.93	57.48	58.24	59.76	58.48	24.1	23.8	31	28	25.6	24.6	26.2	33	23.5	96	96	69	85	92	96	89	19.1
27	58.90	59.40	59.95	58.46	58.68	59.30	59.12	24.2	24	31	32	29	26.4	27.8	32.3	23.6	97	97	73	69	78	94	84.7	.....
28	58.38	58.60	59.38	57.75	57.23	59.18	58.42	25	24.6	32	31.4	28	25.6	27.8	33.8	24.3	95	96	66	83	95	83.3	2	
29	58.30	58.40	58.57	56.51	56.81	58.55	57.86	24.8	24.5	31	32.5	27.5	25.5	27.6	33	24.1	96	96	75	66	85	92	85	.....
30	57.73	58.31	58.91	57.40	57.18	58.83	58.06	24.7	24.5	31.2	30	29.1	26.4	27.6	32	24	96	96	73	74	81	94	85.7	.....
31	57.70	58.58	59.47	57.62	58.18	59.83	58.56	25.7	24.8	31.3	31.2	28.8	26	28	33.8	24.5	94	97	71	71	80	97	85	.....
Mean	58.29	58.69	59.40	57.60	58.10	59.59	58.61	24.6	24.2	30.9	30.4	27.9	25.7	27.3	32.4	23.8	95.4	96.3	71.5	73.3	84.4	93.2	85.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	183.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	Calm	ENE	Calm	ENE	6.6	23.1	42.1	21.9	93.7	6	Ci.	Cu.	6	Ci.	Cu.
2	Calm	Calm	ENE	ENE	Calm	Calm	8	28.2	37.2	20.1	93.5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
3	Calm	Calm	Calm	Calm	Calm	Calm	14	16.1	14.7	6.2	51	7	Ci.	Cu.	10	Ci.-S.	S.-Cu.
4	Calm	Calm	Calm	Calm	Calm	Calm	5.8	19.5	11.1	8	44.4	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
5	Calm	Calm	ENE	ENE	Calm	Calm	11.5	30	42.1	2.7	86.3	10	Ci.-S.	Cu.	6	Ci.-S.	Cu.
6	Calm	Calm	ENE	ENE	Calm	Calm	4.8	27.4	30.8	6.9	69.9	2	Ci.	Cu.	7	Ci.	Cu.
7	Calm	Calm	ENE	Calm	Calm	Calm	5.6	21.7	18.3	6.7	52.3	6	Ci.	Cu.	10	Ci.-S.	Cu.
8	Calm	Calm	Calm	ENE	Calm	Calm	5.1	25.2	22.7	9.9	62.9	7	Ci.	Cu.	6	Ci.-S.	Cu.
9	Calm	Calm	ENE	Calm	Calm	Calm	3.8	21.1	21.9	4.3	51.1	2	Ci.	Cu.	10	Ci.-S.	Cu. E
10	Calm	Calm	Calm	Calm	Calm	Calm	5.3	15	12.1	8.3	40.7	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. S
11	Calm	Calm	Calm	NNE	Calm	Calm	7.4	18	26	8	59.4	2	Ci.	Cu.	5	Ci.	Cu. S
12	Calm	Calm	NNW	NNW	Calm	Calm	4	20.4	25.2	7.7	57.3	3	Ci.	Cu.	6	Ci.-S.	Cu.
13	Calm	Calm	NNW	NNW	Calm	Calm	6.9	25.2	37.2	10.3	79.6	0	Ci.	Cu.	3	Ci.	Cu. S
14	Calm	Calm	Calm	NNE	Calm	Calm	3.2	23.8	36	11.3	74.3	10	Ci.-S.	Cu. E	4	Ci.	Cu. E
15	Calm	Calm	ENE	ENE	Calm	Calm	7.8	27.9	44	4.3	84	1	Ci.	Cu..	3	Ci.	Cu.
16	Calm	Calm	ENE	NE	Calm	Calm	5 1	31.9	53.4	19.8	110.2	3	Ci.	Cu.	4	Ci.	Cu.
17	Calm	Calm	NE	NE	Calm	Calm	5	31.2	37.8	5	79	3	Ci.	Cu.	1	Ci.	Cu.
18	Calm	Calm	ENE	ENE	ENE	Calm	7.2	30.9	46.2	28.2	112.5	0	Ci.	Cu.	2	Ci.	Cu.
19	Calm	Calm	ENE	ENE	ENE	Calm	6.6	32.7	49.9	11.1	100.3	4	Ci.	Cu.	6	Ci.	Cu. E
20	Calm	Calm	ENE	ENE	Calm	Calm	5.8	33.6	28.7	6.4	74.5	1	Ci.	Cu.	10	Ci.-S.	Cu. E
21	Calm	Calm	ENE	ENE	Calm	Calm	6.4	25.1	37.5	11.9	80.9	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
22	Calm	Calm	ENE	ENE	Calm	Calm	7.7	44.1	47.5	3.4	102.7	5	Ci.	Cu.	10	Ci.-S.	Cu. ENE
23	Calm	Calm	ENE	Calm	Calm	Calm	5	33	19.6	7.5	65.1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
24	Calm	Calm	Calm	ENE	Calm	Calm	6.6	17.4	28.4	7	59.4	10	Ci.-S.	Cu.	6	Ci.	Cu.
25	Calm	Calm	ENE	Calm	Calm	Calm	7.5	22.7	25.4	5	60.6	10	Ci.-S.	Cu.	10	Ci.-S.	S.-Cu. E
26	Calm	Calm	Calm	Calm	Calm	Calm	6.1	23.8	26.2	6.1	62.2	4	Ci.	Cu.	6	Ci.-S.	Cu.
27	Calm	Calm	ENE	ENE	Calm	Calm	6.4	30.8	43.7	4.3	85.2	5	Ci.	Cu.	4	Ci.	Cu.
28	Calm	Calm	ENE	Calm	Calm	Calm	6.9	29.2	21.4	7.2	64.7	4	Ci.	Cu.	6	Ci.	Cu. E
29	Calm	Calm	ENE	ENE	Calm	Calm	7.7	24.9	36.2	12.3	81.1	4	Ci.	Cu.	7	Ci.-S.	Cu. E
30	Calm	Calm	ENE	Calm	Calm	Calm	10.7	21.4	22.2	2.7	57	3	Ci.	Cu.	10	Ci.-S.	Cu. E
31	Calm	Calm	ENE	ENE	Calm	Calm	5	27.4	25.7	5.1	63.2	3	Ci.	Cu.	6	Ci.	Cu. E
Mean	.....	.....	.....	.....	.....	.....	6.6	25.9	31.3	9	72.9	5.3	.....	.....	6.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,259	.....	.....	.....	.....	.....	.....

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

JUNE, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	58.38	58.79	59.53	57.76	57.85	59.25	58.59	24.8	24.5	31.5	30.2	25.5	25	26.9	33	24.2	95	96	69	80	96	96	88.7	11.1
2..	58.29	58.30	58.95	57.19	57.28	58.13	58.02	24.5	24.2	29	25.5	27.1	25.2	25.9	32	24	96	95	82	88	92	97	91.7	15
3..	57.38	57.62	58.33	56.57	57.08	58.25	57.54	24.8	24.3	31.6	31.6	28	25.4	27.6	32.2	24	97	96	70	70	88	96	86.2	5.1
4..	57.50	57.85	58.31	56.95	57.32	59.01	57.82	24	23.7	31	32	29.4	26.4	27.8	32.6	23.5	96	96	75	69	75	93	84	.....
5..	58.23	58.46	59.32	57.81	58.01	59.42	58.54	25	25.5	31.2	32.5	29.8	27.4	28.6	32.7	24.8	95	93	72	67	79	86	82	4.8
6..	58.78	59.38	59.50	58.16	58.08	59.94	58.97	25.7	24.5	31.6	32.2	30	26	28.3	33	24.5	94	96	70	69	75	92	82.7	.....
7..	58.50	58.83	59.27	57.66	58.06	59.58	58.65	24.6	24	32	32.7	27	25.4	27.6	33.2	23.9	95	96	63	65	82	88	81.5	.....
8..	58.70	58.89	59.33	57.91	58.37	59.93	58.86	24.4	24.1	32	32.8	29	26.3	28.1	33.5	24	97	96	66	64	80	92	82.5	.....
9..	58.98	59.42	60.17	58.56	58.49	59.77	59.23	24.6	24.2	32	32.5	29.2	26.8	28.2	33	23.7	95	96	65	64	76	90	81	.....
10..	58.92	59.43	59.32	58.06	58.96	59.97	59.11	25.1	24.7	32	32.3	28	25.6	28	33	24.7	96	96	63	64	80	93	82	.....
11..	58.65	58.79	59.26	57.80	57.65	58.64	58.46	24	23.7	30.8	32.2	27.5	26	27.4	32.8	23.3	95	96	74	67	88	92	85.3	4.6
12..	57.53	58.20	58.77	57.35	57.62	58.78	58.04	25	24.4	30.1	31.7	29.5	28	28.1	32.4	24.1	96	97	71	68	75	82	81.5	.....
13..	57.80	58.43	58.46	56.96	57.05	58.66	57.89	25.8	24.8	31	32.6	29.8	28	28.7	33.3	24.4	90	95	61	63	75	83	77.8	.....
14..	58.15	58.88	59.28	57.26	57.74	59.33	58.44	24.4	24.2	31.5	32.6	29.2	26.8	28.1	33	23.8	95	94	63	65	76	90	80.5	.....
15..	58.48	59.18	59.55	58.56	58.78	60.48	59.17	25.1	24.2	30.3	30.2	28.6	26	27.4	31.7	24.1	94	96	72	74	80	92	84.7	1.8
16..	58.73	58.79	58.88	57.01	56.92	58.76	58.18	24.7	24.7	31.8	31.5	29.2	27	28.2	32.6	24.1	97	97	64	72	78	92	83.3	.....
17..	57.30	57.73	57.81	55.86	56.21	58.13	57.17	25.3	24.6	31.7	32	30.4	26	28.3	33	24.3	94	95	66	67	69	90	80.2	.....
18..	57.18	57.28	58.11	56.45	57.64	58.82	57.58	24.7	24.5	32.3	29	27.7	26	27.4	34.2	24.2	96	96	68	80	89	94	87.2	.8
19..	57.93	58.60	59.32	58.94	58.66	59.92	58.90	24.8	25.2	31	25.3	25.5	24.6	26.1	33.4	23.8	93	92	67	90	94	96	88.7	42.2
20..	58.87	59.15	59.62	58.26	58.56	60.36	59.14	23.7	23.7	31.5	31.7	29	26	27.6	32.3	23.3	97	97	69	72	89	96	86.7	5.6
21..	58.43	58.57	58.67	58.88	58.16	59.20	58.65	24.6	24	31	24.5	24.8	23.5	25.4	32	23.2	96	96	69	89	93	96	89.8	18.5
22..	58.12	58.32	58.20	56.21	57.11	58.36	57.72	22.8	24	29	31	29	25	26.8	31.6	22.5	96	96	81	71	80	92	86	.....
23..	57.37	57.77	57.87	56.12	57.18	58.79	57.52	23.8	23.5	30.8	32	28	24.5	27.1	32.2	23.2	95	96	70	61	82	94	83	5.8
24..	57.77	58.03	58.99	57.27	57.58	58.24	57.98	23.5	23	26.2	30.3	28.8	26	26.3	31	22.8	96	97	90	72	79	92	87.7	.....
25..	57.28	57.42	57.70	56.36	56.39	57.55	57.12	24.3	24.1	28.8	28.5	26.5	25.5	26.3	31.5	23.8	96	96	78	72	92	96	89.3	21.6
26..	55.95	55.60	55.89	55.29	55.26	56.92	55.82	23.9	24	27.5	24.3	25.3	24.4	24.9	27.8	23.8	97	97	88	95	93	97	94.5	44.7
27..	56.30	56.69	58.11	57.07	57.58	59.24	57.50	23.5	23.8	28	28.8	27	25.4	26.1	32.3	23.4	97	97	81	80	87	94	89.3	.....
28..	58.30	58.71	59.03	58.03	58.91	60.37	58.89	24.6	24	30	31	28.5	26.1	27.4	33.2	23.8	95	96	71	75	81	94	85.3	.....
29..	59.61	59.85	59.68	57.76	58	59.78	59.11	24.3	23.8	31.8	31.8	29.6	28	28.2	32.9	23.5	94	95	70	70	79	88	82.7	.....
30..	58.10	58.38	58.98	57.32	57.03	58.39	58.03	25.2	24.7	31.4	31.5	29.3	26.5	28.1	32.9	24.3	95	96	73	63	76	88	81.8	38.9
Mean	58.05	58.38	58.81	57.38	57.65	59.07	58.22	24.5	24.2	30.7	30.6	28.2	26	27.4	32.5	23.8	95.3	95.8	71.4	72.4	82.6	92	84.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	220.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	ENE	Calm	Calm	Calm	10.3	26	26	6.7	69	10	Ci.-S.	Cu.	4	Ci.	Cu. E
2..	Calm	Calm	Calm	W	Calm	Calm	9.5	13.9	26	5.1	54.5	10	A.-Cu.	Cu.	10	Ci.-S.	Fr.-N.
3..	Calm	Calm	NE	NE	Calm	Calm	6.2	29.2	47.2	11.1	93.7	2	Ci.	Cu.	4	Ci.	Cu. E
4..	Calm	Calm	NE	NE	Calm	Calm	4.8	30.4	52.1	4.2	91.5	2	Ci.	Cu.	6	Ci.	Cu. E
5..	Calm	Calm	ENE	ENE	Calm	Calm	4.5	32.8	42.8	16.4	96.5	0	Ci.	Cu.	5	Ci.	Cu. E
6..	Calm	Calm	NE	NE	Calm	Calm	7.8	27.2	40.8	11.5	87.3	0	.....	Cu.	6	Ci.	Cu. E
7..	Calm	Calm	E	E	Calm	Calm	4	32.7	47.8	10.7	95.2	0	.....	Cu.	3	Ci.	Cu. E
8..	Calm	Calm	ENE	ENE	Calm	Calm	5.8	31.6	43.3	7.5	88.2	0	.....	Cu.	5	Ci.	Cu. E
9..	Calm	Calm	ENE	ENE	Calm	Calm	6.1	27.9	51.8	8	93.8	0	.....	Cu.	1	Ci.	Cu.
10..	Calm	Calm	ENE	ENE	Calm	Calm	4.5	34	34.8	11.1	84.4	2	Ci.	Cu.	6	Ci.	Cu. E
11..	Calm	Calm	ENE	ENE	ENE	Calm	7.4	30.6	54.1	13.5	105.6	7	A.-Cu.	Cu. E	7	A.-Cu.	Cu. E
12..	Calm	Calm	Calm	ENE	Calm	Calm	4	27.6	45.7	25.4	102.7	2	Ci.	Cu.	7	Ci.	Cu. E
13..	Calm	Calm	ENE	ENE	Calm	Calm	7.7	38	55.7	13.4	114.8	3	Ci.	Cu. E	3	Ci.	Cu.
14..	Calm	Calm	ENE	ENE	Calm	Calm	6.4	38.3	38.1	12.7	95.5	1	Ci.	Cu.	4	Ci.	Cu. E
15..	Calm	Calm	Calm	Calm	Calm	Calm	4.6	23.6	28.2	6.6	63	2	Ci.	Cu.	10	Ci.-S.	Cu. ENE
16..	Calm	Calm	ENE	ENE	ENE	Calm	4.3	37.3	50.5	10.5	102.6	0	Ci.	Cu.	2	Ci.	Cu. E
17..	Calm	Calm	NE	NE	Calm	Calm	7.5	28.8	35.1	11.3	82.7	0	Ci.	Cu.	5	Ci.	Cu. E
18..	Calm	Calm	ENE	Calm	Calm	Calm	5.8	29	14.7	5.9	55.4	2	Ci.	Cu.	10	Ci.-S.	Cu. E
19..	Calm	Calm	ENE	Calm	Calm	Calm	9.9	30.8	22.8	4.5	68	10	A.-Cu.	Cu.	10	Ci.-S.	Fr.-N. S
20..	Calm	Calm	Calm	ENE	Calm	Calm	4.6	22.8	17.7	5.3	50.4	1	Ci.	Cu.	7	Ci.	S.-Cu. SW
21..	Calm	Calm	Calm	Calm	Calm	Calm	4.5	22.3	27.6	8	62.4	0	Ci.	Cu.	10	.....	N. S
22..	Calm	Calm	Calm	SE	Calm	Calm	6.9	17.2	30.9	10.3	65.3	10	Ci.-S.	Cu.	6	Ci.	S.-Cu. SE
23..	Calm	Calm	Calm	ENE	Calm	Calm	12.3	22.5	38.6	18.8	92.2	3	Ci.	Cu.	4	Ci.	Cu.
24..	Calm	Calm	Calm	Calm	Calm	Calm	12.9	17.7	27.1	5.8	63.5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
25..	Calm	Calm	Calm	E	Calm	Calm	13.5	20.6	24.4	16.6	75.1	6	Ci.-S.	Cu.	10	Ci.-S.	S.-Cu. NE
26..	Calm	Calm	W	Calm	Calm	Calm	10.5	12.9	11.3	4	38.7	10	Ci.-S.	Cu.	10	.....	N.
27..	Calm	Calm	Calm	Calm	Calm	Calm	5.8	17.1	19.3	3.7	45.9	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
28..	Calm	Calm	Calm	ENE	Calm	Calm	4.5	15.1	26.6	3.7	49.9	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. E
29..	Calm	Calm	ENE	ENE	Calm	Calm	5.3	32.5	49.7	8.2	95.7	2	Ci.	Cu.	3	Ci.	Cu. E
30..	Calm	Calm	ENE	ENE	ENE	Calm	6.6	26.4	42.4	21.1	96.5	2	Ci.	Cu.	5	Ci.-S.	Cu. NE
Mean	.....	.....	.....	.....	.....	.....	7	26.6	35.8	10.1	79.3	3.9	.....	.....	6.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,380	.....	.....	.....	.....	.....	.....

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

JULY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.53	57.87	58.15	56.96	56.97	57.83	57.55	24.6	23.8	27.1	25.7	26	24.2	25.2	28.6	23.6	95	97	92	94	92	97	94.5	74.4
2..	56.65	57.26	57.81	56.88	57.16	58.19	57.32	23.6	23.1	30.5	25.6	27.8	25.2	26	33.3	22.9	98	99	72	89	89	95	90.3	31.5
3..	56.93	56.90	57.04	55.60	56.23	57.41	56.68	24.3	24.4	31	30.6	27	24.3	26.9	33.2	24	97	97	69	74	92	93	87	2.5
4..	55.81	55.86	56.54	55.21	55.08	56.20	55.78	24.4	24.2	29	30	25	25	26.3	30.4	24	97	97	79	78	93	95	89.8	.....
5..	54.75	54.80	55.50	53.81	54.26	55.77	54.82	24.6	24.4	29.6	33.3	29.4	26.6	28	33.5	24.2	95	91	77	63	78	87	81.8	.....
6..	54.90	55.09	55.33	54.19	54.90	56.44	55.14	25	24.5	30.5	33.2	29.5	26.6	28.2	34.2	23.9	90	92	74	63	78	90	81.2	.5
7..	55.50	55.98	56.06	55.36	55.60	57	55.92	26	25.4	31.5	28.3	25.5	25	27	33.4	24.6	94	94	71	86	94	95	89	31.5
8..	55.40	55.73	56.38	55.59	55.58	56.04	55.79	24.8	24.8	31.5	27.5	24.6	24.3	26.2	34.3	23.9	96	96	72	84	91	96	89.2	1.5
9..	55.72	55.85	56.26	54.76	54.76	56.16	55.58	24.1	24.4	31.5	28.5	29.3	27	27.5	33.8	23.9	96	95	70	87	85	90	87.2	1
10..	55.48	55.93	56.16	54.59	56.10	56.78	55.84	25.6	25	31.8	32.5	24.7	25.2	27.5	34	24	95	96	74	69	94	92	86.7	37.3
11..	55.05	55.73	56.33	54.33	55.11	55.08	55.27	25.2	25.2	29	31.1	28.1	26.8	27.6	32.2	24.1	90	90	81	70	89	86	84.3	.....
12..	54.58	55.18	54.79	53.93	55.04	56.49	55	25.7	25.3	28	30.3	28	25.2	27.1	30.5	24.1	94	94	77	76	85	97	87.2	1.8
13..	54.95	55.18	55.88	54.61	56.02	57.23	55.64	24.6	25.3	29.4	31.7	28.8	24	27.3	32.1	23.8	95	92	76	71	83	96	85.5	12.7
14..	55.70	56.30	56.89	55.21	56.12	57.70	56.32	23.7	23.8	30	27.4	26.7	25.8	26.2	32.2	23.1	96	96	75	92	89	89	89.5	15
15..	56.03	56.62	57.25	55.98	56.13	57.45	56.58	24.2	24.1	29.5	27.4	27.5	25.5	26.4	30.8	24	97	97	75	87	85	96	89.5	15.2
16..	55.78	55.38	56.18	54.28	54.23	55.41	55.21	24.5	26.5	25.8	26.3	26.2	25.5	25.8	28.1	24.3	96	88	93	94	94	88	92.2	39.8
17..	54.65	54.86	56.65	55.57	55.93	56.96	55.77	24.2	24.4	25.7	27.8	26.5	24.2	25.5	28	23.5	95	93	94	84	89	97	92	7.1
18..	55.77	55.99	56.39	54.92	55.51	57.37	55.99	23.3	23.7	30.4	31	28.2	26	27.1	32.7	23.1	97	97	74	70	83	90	85.2	1.3
19..	56.13	56.18	56.78	56	56.41	58.39	56.65	24.8	26	29.6	31.5	27.7	25.8	27.6	32.8	24.5	90	85	72	69	82	95	82.2	.....
20..	57.20	57.20	58.17	57.56	57.25	59.02	57.73	24.5	24.2	31	29.5	28.5	26.7	27.4	33.8	24	96	94	74	81	87	91	87.2	.....
21..	57.55	57.05	58.04	57.07	57.96	58.98	57.78	26.2	25.	30.4	25.5	24.5	24.3	26	32	24	90	92	77	90	96	95	90	34.5
22..	58.17	58.57	59.19	57.86	58.21	59.84	58.64	23.5	23.2	30	29	28.8	26.2	26.8	31.8	22.8	96	97	75	76	83	92	86.5	4.6
23..	58.75	59.15	59.46	58.79	58.74	59.76	59.11	24.5	24.4	30.6	27	27	24.9	26.4	31.8	24.2	96	97	72	84	84	92	87.5	.....
24..	58.48	58.50	59.09	57.68	58.48	59.10	58.56	24.5	24	28.5	27.5	24.4	24	25.5	29.8	23.8	93	94	81	92	92	94	91	6.6
25..	58.19	57.51	57.40	56.61	57.34	58 24	57.55	23.8	23.5	30.7	32.5	25.5	24.3	26.7	33.7	23.5	95	96	72	63	90	91	84.5	.3
26..	56.75	56.96	57.41	55.76	56.44	57.15	56.74	23.4	23.5	30.3	31.5	29.5	25.6	27.3	32.8	23	97	96	75	65	81	88	83.7	.....
27..	56.46	56.58	56.37	54.31	54.83	56.68	55.87	25.2	25.4	30.4	31.8	29.8	27	28.3	33.9	24.7	90	92	70	72	76	84	80.7	.....
28..	55.08	55.35	55.71	54.36	55.13	56.26	55.32	26	26	30.3	33	25	24.6	27.5	33.8	24.3	89	89	73	59	94	92	82.7	23.8
29..	55.08	55.38	56.11	54.86	56.37	56.81	55.77	25	25.1	30.4	31	25.5	25.7	27.1	32.9	24.8	95	96	73	75	92	89	86.7	2
30..	56	55.86	56.86	55.79	56.14	57.57	56.37	25.1	25.5	30.9	33.2	29.5	26.7	28.5	33.4	24.8	92	92	72	67	79	89	81.8	.....
31..	56.90	56.86	56.81	55.66	56.26	57.83	56.72	25.6	25.2	31.3	32	29.4	26.5	28.3	33.9	25	92	93	70	66	75	88	80.7	.....
Mean	56.19	56.38	56.87	55.62	56.14	57.33	56.42	24.7	24.6	29.9	29.8	27.2	25.4	26.9	32.3	23.9	94.3	94	75.8	77.1	86.9	91.9	86.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	344.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	ENE	Calm	Calm	Calm	Calm	Calm	14.7	17.4	20.1	5.1	57.3	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu.
2..	Calm	Calm	ENE	Calm	Calm	Calm	7.2	22.2	20.9	5.4	55.7	3	Ci.	Cu.	10	.....	N. NE
3..	Calm	Calm	ENE	Calm	Calm	Calm	10	26.9	21.4	16.3	74.6	2	Ci.	Cu.	10	Ci.-S.	S.-Cu. NE
4..	Calm	Calm	Calm	Calm	Calm	Calm	13.5	17.7	20.9	14.8	66.9	3	Ci.	Cu.	10	Ci.-S.	Cu.
5..	Calm	Calm	SW	SW	Calm	Calm	16.1	34.4	37.2	11.1	98.8	10	Ci.-S.	Cu.	4	Ci.	Cu. SW
6..	Calm	Calm	Calm	Calm	Calm	Calm	9.9	29.3	30.8	15.8	85.8	4	Ci.	Cu.	10	A.-Cu.	Cu. SW
7..	Calm	Calm	Calm	Calm	Calm	Calm	11.6	25.1	28.5	11	76.2	10	A.-Cu.	Cu.	10	Ci.-S.	Cu.
8..	Calm	Calm	Calm	Calm	Calm	Calm	8.7	22.7	31.1	14	76.5	10	A.-Cu.	Cu.	10	Ci.-S.	Cu.
9..	Calm	Calm	SW	Calm	Calm	Calm	10.3	22.8	22.3	7.2	62.6	10	A.-Cu.	Cu.	10	Ci.-S.	Cu. SW
10..	Calm	Calm	SW	Calm	Calm	Calm	9.2	25.9	31.7	20.6	87.4	5	Ci.	Cu.	10	Ci.-S.	Cu. SW
11..	Calm	Calm	Calm	SW	Calm	Calm	23.6	24.9	25.7	22.7	96.9	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
12..	Calm	Calm	SW	Calm	Calm	Calm	22	29	22.3	20.7	94	10	Ci.-S.	Cu. SW	10	Ci.-S.	Cu.
13..	Calm	Calm	SW	Calm	Calm	Calm	18.3	33	29	17.1	97.4	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
14..	Calm	Calm	Calm	SE	Calm	Calm	6.6	17.1	29.3	8	61	10	Ci.-S.	Cu.	10	.....	N.
15..	Calm	Calm	Calm	Calm	Calm	Calm	11.9	20.4	23.1	14.5	69.9	10	Ci.-S.	Cu.	10	Ci.-S.	S.-Cu. NNW
16..	Calm	NNE	NNE	Calm	Calm	Calm	26.2	32.2	25.9	8	92.3	10	Ci.-S.	s.-Cu. NNE	10	Ci.-S.	S.-Cu. NE
17..	Calm	Calm	Calm	Calm	Calm	Calm	13.7	19.5	11.1	4.6	48.9	10	.....	N. S	10	Ci.-S.	Cu.
18..	Calm	Calm	Calm	S	Calm	Calm	6.7	19.8	31.6	8.2	66.3	3	Ci.	Cu.	6	Ci.	Cu.
19..	Calm	Calm	Calm	SSW	Calm	Calm	14	25.2	29.8	5.8	74.8	10	A.-Cu.	Cu.	10	Ci.-S.	Cu. SSW
20..	Calm	Calm	Calm	Calm	Calm	Calm	7	17.5	23.6	5	53.1	5	Ci.-S.	Cu.	10	Ci.-S.	Cu. S
21..	Calm	Calm	Calm	Calm	SSW	Calm	8.9	20.9	23.3	12.7	65.8	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
22..	Calm	Calm	ESE	Calm	Calm	Calm	11.5	18.7	24.6	4.5	59.3	2	Ci.	Cu.	6	Ci.-S.	Cu. S
23..	Calm	Calm	Calm	SE	Calm	Calm	2.9	19.3	28.4	19.9	70.5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SE
24..	Calm	Calm	Calm	Calm	Calm	Calm	13.4	17.1	17.9	12.1	60.5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
25..	Calm	Calm	Calm	Calm	Calm	Calm	8.5	21.9	28.2	15.6	74.2	4	A.-Cu.	Cu.	6	A.-Cu.	Cu. SW
26..	Calm	Calm	SW	SW	Calm	Calm	7.8	30.8	42.6	16.4	97.6	4	Ci.	Cu.	4	Ci.	Cu. SW
27..	Calm	Calm	WSW	WSW	Calm	Calm	13.2	35.7	35.1	18.5	102.5	10	Ci.-S.	Cu. WNW	10	Ci.-S.	Cu. WSW
28..	Calm	Calm	Calm	WSW	Calm	SW	21.7	34.4	42.4	28.2	126.7	8	Ci.	Cu.	10	Ci.-S.	Cu. WSW
29..	Calm	Calm	SW	WSW	Calm	Calm	24.1	35.2	29.8	12.9	102	10	A.-Cu.	Cu.	10	Ci.-S.	S.-Cu. WSW
30..	Calm	Calm	SW	SW	Calm	Calm	10.8	32.2	25.7	6.4	75.1	4	A.-Cu.	Cu.	10	Ci.-S.	Cu. SW
31..	Calm	Calm	SW	SW	Calm	Calm	7.5	28.4	35.2	12.9	84	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
Mean	.....	.....	.....	.....	.....	.....	12.6	25.1	27.4	12.8	77.9	7.6	.....	.....	9.2	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,414.6	.....	.....	.....	.....	.....	.....

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

AUGUST, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.16	57.05	57.46	56.04	56.46	58.33	57.08	25.6	25.3	30	33.5	29.5	26	28.3	34.4	25	92	93	71	61	78	92	81.2	.....
2..	56.80	57.18	57.45	56.20	56.39	57.52	56.92	24.9	25	32.7	33.5	29.5	26.8	28.7	34.8	24.5	92	92	67	63	79	89	80.3	.....
3..	56.83	56.71	57.36	56.60	56.38	57.64	56.92	25.7	25.2	31	30.2	27	26	27.5	31.2	25	91	91	72	77	84	88	83.8	1
4..	56.35	56.75	57.70	56.45	56.90	58.48	57.10	25.5	25.3	25.3	26.7	25	24.4	25.4	28.8	23.3	96	98	95	93	92	91	94.2	32.3
5..	57.95	57.95	57.98	56.90	57.23	58.95	57.83	24	24.5	28.4	31.3	29	25	27	31.5	23.8	91	92	80	68	71	92	82.3	.....
6..	58.10	58.85	58.91	57.67	57.70	58.40	58.27	23.6	23	31	31.5	29	25.3	27.2	32.7	22.8	95	96	67	69	78	92	82.8	.....
7..	57.75	57.70	58.08	56.56	57.14	57.58	57.47	23.9	23.7	30.5	31.5	26.5	25.5	26.9	31.7	23.4	96	96	68	67	92	96	85.8	18.5
8..	56.70	57.01	57.66	56.35	56.25	58.01	57	25.4	25	30.5	30.2	28.2	26.8	27.7	32	24.6	95	96	75	75	83	83	84.5	46.7
9..	57.38	57.79	58.08	56.96	57.64	58.21	57.68	24.6	24.3	29.3	27.8	26.2	25	26.2	31.2	24	95	97	74	86	92	96	90	3.1
10..	57.20	57.30	57.08	55.40	55.71	56.39	56.51	24.5	24.3	30.6	31.2	28.3	26.6	27.6	31.6	24	96	95	73	73	82	87	84.3	.....
11..	54.95	55.75	56.68	55.63	56.40	58.38	56.30	26.4	26.2	31.5	33	29	26	28.7	34	25.6	89	90	69	58	74	92	78.7	.....
12..	57.03	57.81	58.21	56.41	57.65	59.23	57.72	24.6	24	31.4	31.5	30	26.7	28	32.6	23.6	95	94	68	72	78	94	83.5	.....
13..	58.15	58.48	58.61	56.66	57.05	58.67	57.94	25.1	24.5	31.5	31.7	28.8	26.5	28	33.5	24.4	94	94	69	68	83	93	83.5	.....
14..	57.49	57.48	57.78	56.10	56.38	57.52	57.12	24.7	24.2	32.3	32.5	29.5	26.5	28.3	33.8	24.1	94	96	71	66	78	94	83.2	.....
15..	56.23	56.53	56.61	54.79	55.04	56.02	55.87	25.1	24.8	31	32	30.2	27.5	28.4	32.6	24.5	95	95	68	68	77	88	81.8	14.2
16..	54.55	54.27	54.26	52.51	52.40	52.93	53.49	24.7	25.2	31.1	33.2	29.2	27.5	28.5	33.3	24.5	94	92	75	60	82	88	81.8	.....
17..	51.88	52.16	52.03	50.86	51.18	53.22	51.89	26.6	26.5	30.5	31.7	28.6	27.7	28.6	31.9	26.4	87	86	74	68	73	79	77.8	.....
18..	52.48	53.15	54.43	53.35	54.22	55.69	53.89	27.1	27	30.8	29.3	26.8	26.5	27.9	32.1	26.2	83	84	70	74	81	80	78.7	2.1
19..	55.28	55.75	56.27	55.88	56.13	57.13	56.07	26.7	25.5	29.5	30.3	28	27.5	27.9	32	25.2	79	86	76	68	78	77	77.3	.....
20..	57.17	57.39	57.61	56.60	57.33	59.09	57.53	26.8	25.3	30.1	32.3	29	26.8	28.4	32.8	25	82	93	75	64	78	89	80.2	.....
21..	58.60	58.70	59.29	57.89	58.03	60.03	58.76	25.7	25.1	33.6	33.2	30.4	27	29.2	34.6	25	94	95	61	66	76	92	80.7	.....
22..	59.15	59.76	60.08	57.90	58.97	60.28	59.36	25.2	24.7	31.3	32.5	29.5	27	28.4	33.6	24.1	95	94	67	66	79	92	82.2	6.6
23..	59.08	59.30	59.73	58.79	59.46	60.72	59.51	25.8	25.4	30.5	32.8	29.3	27	28.5	32.8	25	93	97	76	67	76	92	83.5	1.8
24..	59.69	60.01	60.85	59.24	59.91	60.63	60.06	25.6	24.5	31.5	32.5	28.5	26	28.1	32.5	24.5	95	96	69	66	81	93	83.3	.....
25..	59.63	60.20	60.33	58.29	58.97	59.90	59.55	24.6	24	31.5	32.5	29.7	26.8	28.2	33.2	23.8	95	96	66	63	77	92	81.5	.....
26..	58.68	58.76	59.01	57.06	57.71	58.58	58.30	24.7	24.2	32	32.5	29	26.1	28.1	33.1	24	94	96	61	63	80	92	81	.....
27..	58.06	58.16	58.89	56.81	57.71	59.40	58.17	24.8	24	31.8	32.8	30	26.5	28.3	33.2	24	95	96	65	65	75	92	81.3	.....
28..	58.60	58.95	59.58	57.26	57.66	59.13	58.53	25.3	24.6	31	32	29.8	26.3	28.2	32.8	24.5	94	95	69	66	76	92	82	.....
29..	57.73	58.03	58.50	56.18	56.05	57.43	57.32	24.7	24	31.5	32.5	29.6	26.3	28.1	33.4	24	94	96	66	61	74	92	80.5	.....
30..	55.93	55.98	56.83	54.98	55.37	57.08	56.03	24.7	24	32.8	32.5	29.3	26.3	28.3	33.8	24	94	94	61	63	79	94	80.8	.5
31..	55.53	55.56	56.41	54.44	55.09	56.75	55.63	24.8	25	31.6	33.2	27	25.5	27.8	33.2	24.6	95	96	70	63	88	92	84	.....
Mean	57.04	57.31	57.73	56.22	56.66	57.98	57.16	25.2	24.8	30.9	31.7	28.7	26.4	27.9	32.7	24.4	92.5	93.8	70.6	68	79.8	90.2	82.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	126.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	WSW	WSW	WSW	Calm	6.9	30.3	31.4	9.2	77.8	7	Ci.	Cu.	6	Ci.	Cu. WSW
2..	Calm	Calm	Calm	SW	Calm	Calm	10	28.5	27.1	8.7	74.3	2	Ci.	Cu.	6	Ci.	Cu. SW
3..	Calm	Calm	SW	Calm	Calm	Calm	12.1	28	18.5	16.4	75	4	Ci.	Cu.	10	Ci.-S.	Cu.
4..	Calm	Calm	Calm	Calm	Calm	Calm	10.7	10	17.1	17.5	55.3	10	.....	Cu.-N. W	10	.....	Cu.-N. W
5..	Calm	Calm	SW	SW	Calm	Calm	17.7	27.7	25.7	7.8	78.9	10	Ci.-S.	Cu. SW	10	Ci.-S.	Cu. SW
6..	Calm	Calm	Calm	NE	Calm	Calm	4.6	21.2	28.5	6.6	60.9	4	A.-Cu.	Cu.	4	Ci.	Cu. W
7..	Calm	Calm	NNE	NNE	Calm	Calm	8.3	28.5	39.7	9.7	86.2	4	Ci.	Cu. N	4	Ci.	Cu. NNE
8..	Calm	Calm	ENE	ENE	ENE	Calm	21.1	50.5	52.6	35.6	159.8	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. ENE
9..	Calm	Calm	ENE	Calm	Calm	Calm	15.5	28.4	27.2	8.7	79.8	10	.....	N. E	10	Ci.-S.	S.-Cu.
10..	Calm	Calm	WSW	Calm	WSW	Calm	13.7	26	26.9	30.9	97.5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
11..	WSW	Calm	SW	SW	Calm	Calm	25.5	37	41.2	5	108.7	2	Ci.	Cu.	6	Ci.-S.	Cu. SW
12..	Calm	Calm	SSW	SSW	Calm	Calm	5.4	29.5	30.4	6.2	71.5	8	Ci.-S.	Cu.	6	Ci.	Cu. SSW
13..	Calm	Calm	Calm	NNE	Calm	Calm	8.3	25.1	24.9	5.3	63.6	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
14..	Calm	Calm	NE	NE	Calm	Calm	8	27.6	40.8	6.2	82.6	2	Ci.	Cu.	1	Ci.	Cu.
15..	Calm	Calm	Calm	Calm	Calm	Calm	11.1	23.3	27.6	16.6	78.6	10	Ci.-S.	Cu. N	8	Ci.-S.	Cu. WNW
16..	Calm	Calm	WNW	WNW	Calm	Calm	10.8	28.2	31.2	18.8	89	10	Ci.-S.	Cu.	7	Ci.	Cu. WNW
17..	Calm	WSW	SW	SW	SW	SW	27.7	47.3	49.9	37	161.9	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
18..	SW	Calm	SSW	SSW	SSW	SSW	35.9	47.8	53.1	46.5	183.3	10	Ci.-S.	Cu. SW	10	Ci.-S.	Cu. SSW
19..	SSW	SSW	SSW	SSW	SSW	Calm	36	37.2	34	27.2	134.4	10	Ci.-S.	Fr.-N. SSW	10	Ci.-S.	Cu. S
20..	Calm	Calm	Calm	Calm	Calm	Calm	8.5	18.7	22.7	5.3	55.2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
21..	Calm	Calm	Calm	ENE	Calm	Calm	1.9	22.7	33	6.9	64.5	6	Ci.-S.	Cu.	4	Ci.-S.	Cu. SSW
22..	Calm	Calm	ENE	ENE	Calm	Calm	11.3	26.2	39.1	6.4	83	10	Ci.-S.	Cu.	4	Ci.	Cu. E
23..	Calm	Calm	ENE	ENE	Calm	Calm	9.5	22.8	39.9	9.7	81.9	7	Ci.	Cu. NE	4	Ci.	Cu. ENE
24..	Calm	Calm	ENE	ENE	Calm	Calm	10.3	30.9	36.8	7.5	85.5	2	Ci.	Cu.	4	Ci.	Cu. E
25..	Calm	Calm	E	E	Calm	Calm	10	29	32.3	7.2	78.5	1	Ci.	Cu.	6	Ci.	Cu. S
26..	Calm	Calm	ENE	ENE	Calm	Calm	9.5	27.4	37.2	10.5	84.6	0	Ci.	Cu.	4	Ci.	Cu. ENE
27..	Calm	Calm	ENE	ENE	Calm	Calm	13.1	26.2	38	7.5	84.8	1	Ci.	Cu.	3	Ci.	Cu.
28..	Calm	Calm	ENE	ENE	Calm	Calm	11.8	25.9	39.1	5.8	82.6	6	Ci.	Cu.	3	Ci.	Cu.
29..	Calm	Calm	ENE	ENE	Calm	Calm	10.3	29.8	42.4	6.9	89.4	1	Ci.	Cu.	1	Ci.	Cu.
30..	Calm	Calm	Calm	NNE	Calm	Calm	9.9	27.7	34.4	7.4	79.4	1	Ci.	Cu.	6	Ci.	Cu. N
31..	Calm	Calm	NE	NE	Calm	Calm	9.4	30	32	11	82.4	6	Ci.	Cu.	6	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	13.1	29	34	13.3	89.4	6.3	.....	.....	6.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,770.9	.....	.....	.....	.....	.....	.....

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

SEPTEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	55.68	55.97	56.78	55.23	55.61	56.83	56.02	24.5	23.8	30.7	28.3	26.5	25.4	26.5	33.6	23.8	94	96	69	86	89	94	88	24.1
2..	55.68	56.08	57.44	55.10	55.60	56.80	56.12	24.8	25.8	28.3	31	26	27	32	24.6	93	88	77	69	88	85	83.3	3.3	
3..	56.28	56.39	57.14	55.85	56.36	57.38	56.57	25.4	24.8	31	31.5	28.5	26.7	28	32.5	24.3	88	95	67	69	81	90	81.7	.....
4..	56.35	56.53	57.37	55.81	55.30	56.84	56.37	26	25.5	30	30.2	29.2	26.8	28	31.1	24.6	92	94	75	68	86	90	84.2	37.3
5..	56	56.42	56.94	55.53	56.25	57.68	56.47	24	23.5	29.3	28	26.1	25	26	30.4	23.3	95	96	78	79	91	92	88.5	.....
6..	56.59	56.90	57.44	56.23	56.87	58.01	57.01	24.5	24.1	30.2	27.2	26	25.3	26.2	31.5	23.8	96	97	75	87	94	95	90.7	17.3
7..	56.70	56.92	57.03	55.49	56.11	57.48	56.62	24.5	24.5	31	33	28.8	26.5	28	33.4	24	96	96	69	64	80	88	82.2	.....
8..	56.18	56.26	56.91	55.68	55.71	57.20	56.32	25	24.7	31.3	26.5	26.5	25.6	26.6	32.6	24.6	92	96	69	88	90	97	88.7	21.1
9..	55.83	56.33	57.55	55.51	56.18	57.44	56.47	25	25	27.5	30	27.5	25.5	26.8	31	24.8	96	96	90	82	89	96	91.5	2.1
10..	55.88	55.90	57.11	54.80	55.32	56.75	55.96	25.3	25.2	26.3	28.1	27	26.8	26.4	28.4	25	94	92	86	81	80	80	85.5	.....
11..	56.05	56.28	57.38	55.62	56.26	58.77	56.73	26.6	25.6	30	31.7	28.3	26.3	28.1	32.5	25	80	87	73	65	79	87	78.5	.....
12..	57.50	57.81	58.41	57.03	57.63	58.90	57.88	24.8	24.3	30.5	29.5	27	25.5	26.9	33.5	24.2	95	96	75	84	96	96	90.3	6.5
13..	58.18	58.70	59.89	58.25	57.41	59.38	58.64	24.3	23.7	30	31.5	27.5	26	27.2	33	23.5	96	97	71	69	89	96	86.3	7.4
14..	58.40	58.84	59.76	58.28	58.88	60.23	59.06	24.8	24.3	29.5	27.5	26.5	25.4	26.3	31.2	24	97	96	73	90	93	96	90.8	7.1
15..	59.45	59.64	59.66	57.83	58.38	59.71	59.11	24	23.6	30.5	31.5	28.8	26.7	27.5	32.5	23.4	97	98	77	69	79	91	85.2	.....
16..	58.73	59.04	58.61	57.31	57.38	58.43	58.25	24.8	24.8	29	30.7	28	26.8	27.4	31.4	24	98	98	78	76	81	90	86.8	43.5
17..	57.28	57.78	58.68	57.03	58.25	59.25	58.04	24.3	24.6	27.4	27.8	25.7	24.2	25.7	28.8	23.8	97	97	92	86	94	96.	93.7	36.3
18..	58.52	58.80	59.86	58.01	58.86	60.49	59.09	23.6	23.3	29.5	31.2	28.5	24.5	26.8	31.2	23.1	97	98	76	75	85	96	87.8	73.1
19..	59.39	59.47	60.13	57.97	57.85	59.15	58.99	23.7	23.5	24.5	30	28.3	26	26	30.8	23.3	97	97	96	77	82	92	90.2	11.6
20..	58.40	58.84	59.48	57.01	57.68	58.98	58.40	24.8	24.5	28.3	30.3	28	28	27.3	30.3	24.4	93	93	87	74	82	82	85.2	13.2
21..	58.13	58.79	59.81	58.21	58.90	59.86	58.95	24.7	23.5	25.5	28.5	26	25	25.5	28.6	23.5	94	97	88	78	89	96	90.3	9.7
22..	59.10	59.25	59.73	58.43	58.86	59.84	59.20	23.8	23.4	29.3	25.5	25.5	24.1	25.3	29.8	23.2	96	97	73	93	92	99	91.7	22.4
23..	58.60	58.41	58.70	56.83	57.55	58.61	58.12	23.4	23.2	30	29	25.8	24.5	26	31	23	98	98	71	76	93	96	88.7	.....
24..	57.77	58.27	59.18	56.43	56.10	57.77	57.59	23.8	24.3	26.8	25	25	24.5	24.9	29	23.6	97	96	90	92	92	96	93.8	41.7
25..	56.60	56.69	56.90	55.23	55.65	57.23	56.38	23.8	24	28.6	28	26.3	25.3	26	30.4	23.6	96	96	81	82	94	98	91.2	1.8
26..	55.64	56.02	57.32	55.61	56.93	57.85	56.56	24.5	24	29.4	30	27	25.1	26.7	31	24	97	97	72	71	92	91	86.7	.....
27..	56.96	57.16	57.88	55.67	56.87	57.40	56.99	24.7	24.7	29.8	31	27.8	25.5	27.2	32	24.5	96	96	76	69	86	92	85.8	1.3
28..	56.60	56.39	56.96	55.39	56.03	58.05	56.57	25.2	24.7	31	30.5	27.8	25.5	27.4	31.6	24.5	93	96	69	75	88	94	85.8	5.6
29..	56.60	56.62	57.79	56.17	57.28	58.61	57.18	24.1	24.2	30.8	31.5	26.5	25	27	33.1	23.6	97	96	70	69	88	97	86.2	11.7
30..	57.30	57.44	58.43	57.10	57.47	59.29	57.84	24.1	24.5	30.3	24	26	25.3	25.7	33.3	23.4	96	96	75	94	92	98	91.8	32.5
Mean	57.21	57.46	58.21	56.49	56.98	58.34	57.45	24.6	24.3	29.2	29.3	27.1	25.6	26.7	31.4	23.9	94.8	95.6	77.3	77.9	87.8	92.9	87.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	430.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	Calm	Calm	Calm	Calm	8.7	23.5	19.6	10.2	62	7	Ci.	Cu.	10	Ci.-S.	N.
2..	Calm	SW	SW	SW	Calm	Calm	10.5	38	34	17.7	100.2	10	Ci.-S.	Cu. SW	10	Ci.-S.	Cu. SW
3..	Calm	Calm	SW	Calm	Calm	Calm	4.6	33.6	25.4	8.7	72.3	1	Ci.	Cu.	10	Ci.-S.	Cu. WSW
4..	Calm	Calm	WSW	Calm	Calm	Calm	11.3	24.9	20.1	13.4	69.7	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
5..	WSW	Calm	Calm	Calm	Calm	Calm	20.7	25.9	24.1	13.1	83.8	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
6..	Calm	Calm	Calm	W	Calm	Calm	9.7	17.4	18.5	6.4	52	4	Ci.	Cu.	10	Ci.-S.	Cu.
7..	Calm	Calm	SSW	SSW	Calm	Calm	2.6	21.5	26.8	9.2	60.1	3	Ci.	Cu.	5	Ci.	Cu. SSW
8..	Calm	Calm	Calm	Calm	Calm	Calm	6.1	17.4	17.5	7.4	48.4	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
9..	Calm	Calm	Calm	Calm	Calm	Calm	7.2	15.8	16.1	14.5	53.6	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Cu.
10..	Calm	Calm	Calm	SW	Calm	SW	18.7	25.7	31.1	28	103.5	10	Ci.-S.	Cu. SSW	10	Ci.-S.	Cu. WSW
11..	SW	SW	SSW	SSW	Calm	Calm	25.9	39.7	38	11.8	115.4	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
12..	Calm	Calm	ENE	Calm	Calm	Calm	6.2	23.1	16.3	5.8	51.4	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
13..	Calm	Calm	ENE	ENE	Calm	Calm	6.6	26.8	39.9	5.3	78.6	3	Ci.	Cu.	10	Ci.-S.	Cu.
14..	Calm	Calm	ENE	Calm	Calm	Calm	8.3	26.2	21.9	6.4	62.8	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. ENE
15..	Calm	Calm	ENE	ENE	Calm	Calm	10.7	26.2	40.8	12.3	90	0	Ci.	Cu.	3	Ci.	Cu. NE
16..	Calm	Calm	Calm	NE	Calm	Calm	9.2	22	45.4	33.6	110.2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. NE
17..	Calm	Calm	Calm	Calm	Calm	Calm	15.5	15.1	18.8	13.2	62.6	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Cu. ENE
18..	Calm	Calm	ENE	ENE	Calm	W	9.1	25.9	36.2	15.5	86.7	4	Ci.	Cu.	6	Ci.	Cu.
19..	Calm	Calm	Calm	Calm	Calm	Calm	10.2	9.4	28.5	33.3	81.4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu. NE
20..	Calm	Calm	Calm	ENE	Calm	ENE	15.8	16.6	34.6	25.7	92.7	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. ENE
21..	Calm	Calm	Calm	ENE	Calm	Calm	12.6	18.3	22.7	7	60.6	10	Ci.-S.	Cu.	10	Ci.-S.	S.-Cu. ENE
22..	Calm	Calm	ENE	Calm	Calm	Calm	9.1	24.6	7.8	6.1	47.6	10	Ci.-S.	Cu.	10	Ci.-S.	S.-Cu.
23..	Calm	Calm	Calm	Calm	Calm	Calm	4.5	23.1	19.3	9.5	56.4	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
24..	Calm	Calm	Calm	Calm	Calm	Calm	6.1	9.4	13.1	7.4	36	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
25..	Calm	Calm	Calm	WSW	Calm	Calm	13.1	21.1	17.4	7	58.6	10	Ci.-S.	Cu.	10	Ci.-S.	S.-Cu. WSW
26..	Calm	Calm	WSW	WSW	Calm	Calm	6.6	25.5	28.8	10.3	71.2	7	Ci.	Cu.	10	Ci.-S.	Cu. W
27..	Calm	Calm	NNW	NNW	Calm	Calm	9.1	23	33.2	14.3	79.6	10	Ci.-S.	Cu.	6	Ci.	Cu. NNW
28..	Calm	Calm	SW	SSW	Calm	Calm	6.7	25.1	21.1	17.5	70.4	10	Ci.-S.	Cu.	7	Ci.	Cu. SSW
29..	Calm	Calm	SW	Calm	Calm	Calm	9.9	23.8	23.5	4	61.2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
30..	Calm	Calm	Calm	W	Calm	Calm	3.5	18.2	24.6	4.8	51.1	10	Ci.-S.	Cu.	10	.....	N. SSW
Mean	.....	.....	.....	.....	.....	.....	10	22.9	25.5	12.6	71	8.3	.....	.....	9.2	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,130.1	....	.....	.....	.....	.....	.....

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

OCTOBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.53	58.80	59.66	57.28	57.83	59.31	58.57	24.5	24	29.5	30.8	27	25.2	26.8	32.2	23.8	97	97	81	67	84	96	87	.....
2..	58.20	58.66	59.42	56.90	57.41	59.13	58.29	24.2	23.8	28.2	30.2	27	25.2	26.4	31.2	23.5	95	97	85	70	88	94	88.2	1.3
3..	57.94	58.39	58.85	56.45	57.02	58.52	57.86	24.1	23.7	29.7	30	28	26	26.9	31.7	23.5	95	97	77	73	82	93	86.2	21.3
4..	56.88	56.89	57.69	55.98	55.68	56.21	56.56	25	25	26	25.2	25.7	25.7	25.4	27.2	24.4	96	96	94	96	94	90	94.3	110.2
5..	55.20	55.24	55.45	53.40	53.52	54.22	54.50	23.9	25	25.5	25	25.2	25	24.9	25.8	23.9	96	96	90	94	92	94	93.7	170.6
6..	52.12	52.62	52.91	50.62	51.52	52.52	52.05	24.6	24.5	26	24.5	24.5	25	24.8	26	24	95	97	92	96	96	96	95.3	94.8
7..	50.72	51.02	52.33	50.52	51.54	53.88	51.67	24.8	25	29	31	27.5	26.6	27.3	31	24.4	95	94	83	76	84	90	87	.....
8..	52.66	53.58	54.84	52.90	54.41	56.24	54.10	25.7	24.7	30.5	32	27.8	26	27.8	32	24.5	96	94	76	68	84	88	84.3	.....
9..	55.70	56.46	57.39	56.10	56.98	57.70	56.72	24.5	24.1	28.8	25	24.6	23.8	25.1	29	23.7	94	94	77	94	97	97	92.2	40.6
10..	57.14	57.34	58.65	56.31	57.65	58.88	57.66	23.9	24	28.5	29.5	25.3	24.5	26	30.2	23.8	97	97	81	73	95	96	89.8	4.5
11..	58.30	58.92	59.38	57.41	58.43	60.38	58.80	23.8	23.5	29.6	30.5	27.8	21.1	27	31	23.3	96	96	75	75	83	87	85.3	1.8
12..	58.94	58.98	60.12	58.11	58.68	60.23	59.18	25.3	25.3	28.8	29.5	27.8	26.1	27.1	30.5	24.7	96	96	86	79	86	89	88.7	5.3
13..	59.68	59.78	60.61	58.66	58.98	60.62	59.72	24.8	24	29.5	28.5	26.5	25	26.4	31.2	23.9	95	96	80	80	88	96	89.2	2
14..	59.75	59.89	60.74	57.60	58.65	60.47	59.52	24	23.7	29.6	31	26	23.8	26.4	31	23.5	97	97	75	71	95	97	88.7	138.9
15..	59.05	59.07	59.92	57.65	58.12	59.64	58.91	23.3	22.9	29.2	30.2	27.8	25	26.4	30.6	22.7	97	98	80	74	84	94	87.8	5.1
16..	58.45	59.05	59.51	57.18	57.52	58.73	58.41	23.8	24	27	29.3	27.2	25.5	26.1	29.3	23.5	97	96	90	78	83	93	89.5	20.4
17..	57.57	57.39	58.33	56.28	56.61	57.96	57.36	24.6	23.2	25.7	26	26	23.7	24.9	28.5	23	95	97	93	92	92	97	94.3	48.7
18..	57.15	57.20	58.21	56.19	57.28	58.21	57.37	24.6	24.8	27.7	26.8	25	24.3	25.5	29	23.5	95	93	89	90	96	97	93.3	19.1
19..	57	57.74	58.48	56.37	57.45	58.38	57.57	24	23.8	29	28.5	25.3	25.3	26	30.6	23.5	97	97	78	81	93	96	90.3	24
20..	57.38	58.22	58.81	56.53	57.16	58.35	57.74	24.7	24.5	28.5	29.5	27.2	25.8	26.7	30.9	24	96	96	78	78	86	93	87.8	13.2
21..	57.58	57.99	58.84	56.43	57.44	58.64	57.82	24.7	24.5	28.8	30	27.5	26.2	27	31.2	24.1	96	97	80	75	86	94	88	11.2
22..	57.80	58.30	58.64	56.76	57.54	58.95	58	24.4	24.4	29.7	31	27.2	25.2	27	31.2	24.4	97	97	80	72	91	95	88.7	21.8
23..	58.50	58.83	59.68	56.96	57.97	59.16	58.52	24.7	24.5	28.8	30	26.8	25	26.6	31	24.4	97	97	81	75	88	96	89	.....
24..	58.33	58.87	59.20	57.12	57.71	58.79	58.34	24.2	23.5	29.2	30.8	26.6	25.3	26.6	31.6	23.5	97	98	80	72	89	94	88.3	7.9
25..	58.13	58.69	58.99	56.56	57.14	58.70	58.04	24.8	24.4	30	29.8	27.6	25.2	27	31	24.2	96	97	77	73	87	97	87.8	4.9
26..	57.08	57.70	58.31	56.73	56.94	58.25	57.50	24.2	23.5	29.2	29	26.5	25.3	26.3	31.3	23.5	97	98	82	76	92	95	90	.....
27..	56.65	57.06	58.23	55.73	56.41	58.05	57.02	25.5	24.5	30	30.7	27	25	27.1	31.7	24.2	94	97	75	67	86	94	85.5	.....
28..	57.18	58.47	59.37	57.28	58.17	59.73	58.37	23.8	23.2	27.8	30.7	27.2	25.7	26.4	31.2	23	96	97	86	70	88	96	88.8	3.8
29..	58.98	59.44	60.51	58.49	58.86	59.63	59.32	24.3	24	28.2	28.2	27	27.3	26.5	30.8	23.9	97	98	91	85	88	85	90.7	23.2
30..	58.73	58.89	60.08	58.21	58.78	59.49	59.03	27.7	25.8	27.4	25.7	26	26.1	26.4	29.1	24.5	81	90	89	93	90	92	89.2	22.6
31..	58.20	58.10	59.03	57.21	58.26	58.67	58.24	25.3	25.7	29.7	30	27.7	26.2	27.4	31	24.3	94	94	75	75	84	88	85	18.6
Mean	57.27	57.66	58.46	56.32	57.02	58.31	57.51	24.6	24.2	28.6	29	26.7	25.4	26.4	30.3	23.8	95.5	96.2	82.5	78.6	88.7	93.5	89.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	835.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	Calm	NW	Calm	Calm	4.2	21.4	30.8	8.7	65.1	4	Ci.	Cu.	10	Ci.-S.	Cu. WNW
2..	Calm	Calm	Calm	NW	Calm	Calm	12.3	18.5	22.7	9.4	62.9	10	Ci.-S.	Cu.	6	Ci.-S.	Cu. NW
3..	Calm	Calm	NE	NE	Calm	Calm	10.7	23.3	26.2	11.1	71.3	6	Ci.	Cu.	10	Ci.-S.	Cu. NE
4..	Calm	Calm	Calm	Calm	Calm	NW	10.8	31.2	14	25.5	81.5	10	Ci.-S.	Cu. NW	10	.....	N.
5..	NNW	NNW	Calm	NW	WNW	WNW	44	37.8	52.5	46.1	180.4	10	.....	N. NNW	10	.....	N. WNW
6..	WNW	Calm	W	Calm	Calm	Calm	35.4	32.7	22.3	13.7	104.1	10	.....	N. WNW	10	.....	N. WSW
7..	Calm	Calm	SW	SW	SW	Calm	23	25.9	40.7	32	121.6	10	Ci.-S.	Cu. WSW	10	Ci.-S.	Cu. SW
8..	Calm	Calm	Calm	Calm	Calm	Calm	25.7	23.3	20.6	15	84.6	4	Ci.	Cu.	10	Ci.-S.	Cu.
9..	Calm	Calm	Calm	Calm	Calm	Calm	8.7	17.5	12.7	10.8	49.7	10	Ci.-S.	Cu.	10	.....	N.
10..	Calm	Calm	Calm	NE	Calm	Calm	12.1	16.4	17.2	6.4	52.1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
11..	Calm	Calm	Calm	ENE	Calm	Calm	8.9	17.4	45.1	20.6	92	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. S
12..	Calm	Calm	ENE	ENE	Calm	Calm	9.4	24.4	35.6	12.7	82.1	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. ENE
13..	Calm	Calm	ENE	ENE	Calm	Calm	8.3	26.8	30.3	5.3	70.7	6	Ci.	Cu.	10	Ci.-S.	S.-Cu. ENE
14..	Calm	Calm	ENE	ENE	Calm	Calm	8.2	26.9	32.8	15.9	83.8	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
15..	Calm	Calm	ENE	ENE	Calm	Calm	7.8	30.3	31.9	8.9	78.9	6	Ci.	Cu.	4	.....	Cu. ENE
16..	Calm	Calm	Calm	ENE	Calm	ENE	9.4	11.3	32.5	40.7	93.9	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
17..	Calm	Calm	Calm	Calm	Calm	Calm	15.3	26.6	26.6	22.2	90.7	10	Ci.-S.	Cu.	10	Ci.-S.	S.-Cu. ENE
18..	Calm	Calm	NE	Calm	Calm	Calm	21.1	34.1	20.6	5.3	81.1	10	Ci.-S.	Fr.-N.	10	.....	S.-Cu. ENE
19..	Calm	Calm	NE	NE	Calm	Calm	5.9	27.9	45.3	12.7	91.8	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. NE
20..	Calm	Calm	Calm	NE	NE	Calm	11	22.2	37.3	20.6	91.1	10	.....	N.	10	Ci.-S.	Cu. NE
21..	Calm	Calm	NE	NE	Calm	Calm	6.7	21.2	33.2	13.5	74.6	5	Ci.	Cu.	3	Ci.	Cu. NE
22..	Calm	Calm	E	E	Calm	Calm	7.2	26.6	29.8	10.2	73.8	10	Ci.-S.	Cu.	4	Ci.	Cu. E
23..	Calm	Calm	E	E	Calm	Calm	5.3	23	33.3	4.2	65.8	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
24..	Calm	Calm	ENE	ENE	Calm	Calm	5.1	24.6	34	9.1	72.8	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
25..	Calm	Calm	ENE	ENE	Calm	Calm	6.9	27.9	32.5	5.4	72.7	3	Ci.	Cu.	10	Ci.-S.	Cu. E
26..	Calm	Calm	E	SSW	Calm	Calm	6.1	24.4	25.2	13.1	68.8	2	Ci.	Cu.	10	Ci.-S.	S.-Cu. SSW
27..	Calm	Calm	ENE	ENE	Calm	Calm	6.1	27.9	28.5	4.3	66.8	3	Ci.	Cu.	6	Ci.	Cu. E
28..	Calm	Calm	Calm	NE	Calm	Calm	5.9	22.8	32	5.6	66.3	3	Ci.	Cu.	7	Ci.-S.	Cu.
29..	Calm	Calm	Calm	E	Calm	E	5.9	23.5	48.3	32.2	109.9	7	Ci.	Cu. ENE	7	Ci.	Cu.
30..	E	ENE	ENE	Calm	Calm	E	54.7	54.7	41.2	24.9	175.5	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. E
31..	E	Calm	NE	NE	NE	NE	25.2	55	66	67.6	213.8	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu. NE
Mean	.....	.....	.....	.....	.....	.....	13.8	26.7	32.3	17.2	90	8	.....	.....	8.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,790.2	....	.....	.....	....	.....	.....

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

NOVEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.50	57.51	58.85	56.87	57.04	58.09	57.64	25.3	26	28.6	28	27.3	27.3	27.1	31	23.9	91	92	85	81	84	84	86.2	21.4
2..	57.03	58.39	59.29	57.26	57.67	58.77	58.07	26.8	24.7	28	30.7	28	27.7	27.6	31	24.5	84	90	88	74	81	83	83.3	6.4
3..	57.72	58.34	59.48	58.24	58.73	59.11	58.60	27.5	27	26.4	24.8	24.7	25.8	26	28	24.5	84	88	90	93	97	93	90.8	41.7
4..	58.30	59.13	60.57	58.51	58.92	60.06	59.25	25.1	25.8	27	28	27.5	25.8	26.5	29	24.6	96	92	92	85	87	90	90.3	11.8
5..	59.66	59.97	60.89	58.34	58.97	60.87	59.78	24.6	24	29.3	30	27	24.4	26.6	30.3	23.5	95	97	79	77	86	93	87.8	58.4
6..	59.08	60.20	61.53	59.29	59.15	60.42	59.94	25.7	24.3	24.1	27.3	26.1	26.3	25.6	27.6	23.6	94	93	95	82	88	86	89.7	36
7..	59.14	59.52	61.07	59.78	60.18	60.72	60.07	26.2	26.3	26	25.8	24.6	23.7	25.4	27.3	23.1	90	90	98	92	93	98	93.5	106.1
8..	59.50	59.68	61.11	59.11	59.14	59.51	59.68	24.2	24	26	25.3	27	26.7	25.5	28.5	23.5	98	98	88	90	88	86	91.3	44.2
9..	58.13	58.14	58.76	56.58	56.49	57.20	57.55	25.5	26.4	29	25.8	25.6	25.7	26.3	29.6	24.5	88	89	80	93	95	92	89.5	23.7
10..	57.10	57.69	58.89	56.67	57.48	58.97	57.80	24.6	24	29.5	30.2	27.5	25.2	26.8	31	23.9	95	96	78	73	84	94	86.7	4.1
11..	57.50	57.89	59.23	57.46	58.19	59.43	58.28	24.6	23.8	29.2	29.4	26.7	26.7	26.7	30.4	23.6	96	97	82	79	86	86	87.7	8.1
12..	58.73	59.01	60.04	58.23	58.93	60.51	59.24	25.6	25.8	26.5	24.8	26.4	26.5	25.9	27.5	24.6	95	92	86	96	91	81	90.2	13
13..	59.81	60.21	61.02	58.78	59.38	60.01	59.87	26.3	25.8	25.8	27	25.2	26.1	26	27.9	24.6	88	88	92	88	92	87	89.2	15.1
14..	58.28	58.63	59.83	57.48	57.70	58.45	58.40	26.1	26.1	27.3	27.8	26.3	25	26.4	28.4	24.3	86	85	85	82	88	96	87	21.3
15..	57.50	58.06	59.34	56.88	57.45	58.45	57.95	26	25.5	26.3	27.5	27	26.5	26.5	29.1	24.5	88	92	90	82	79	80	85.2	7.4
16..	57.65	58.33	58.90	57.18	58.09	59.06	58.20	26.2	26	26	25.3	24.3	25.2	25.5	28.1	24	82	84	92	93	96	94	90.2	167.9
17..	57.61	58.39	59.26	57.40	57.85	58.50	58.17	25.2	23.5	24.3	24	24.8	25.5	24.6	25.9	23.4	94	96	96	96	94	90	94.3	73.9
18..	57.50	57.89	58.50	56.93	57.65	58.44	57.82	25.2	25	27.3	25	24.6	24	25.2	29	23.8	92	94	87	92	97	97	93.2	122.9
19..	57.24	57.44	58.41	56.55	57.48	58.35	57.58	24	24.2	27.5	27.1	25.3	24.5	25.4	28.9	23.8	97	97	84	84	96	97	92.5	23.3
20..	58.31	58.80	59.61	57.32	58.25	59.77	58.68	23.8	23.4	28	28.3	26	24.5	25.7	29.5	23.3	97	98	85	77	92	97	91	10.1
21..	58.90	59.70	60.21	58.64	59.56	60.62	59.60	23.6	24	29	29.7	26.8	25.6	26.4	30.6	23.5	97	97	81	77	86	93	88.5	19.1
22..	59.61	60.34	60.88	58.95	59.38	59.97	59.86	25.8	24.8	25.6	27.5	25.6	26	25.9	28.4	24.4	90	93	93	85	92	94	91.2	13.5
23..	58.48	58.34	60.07	57.49	58.43	59.67	58.75	25.5	25.2	28	26.6	25.3	24.2	25.8	30.2	23.9	94	94	82	87	95	96	91.3	21.7
24..	58.50	58.63	59.20	56.99	57.57	58.53	58.24	25	26	28.5	27.5	26.6	25.6	26.5	29.5	23.9	94	92	81	84	87	90	88	107.7
25..	57.83	58.20	59.33	57.23	58.14	59.40	58.36	24.1	24.6	25.6	25.8	25.8	25	25.2	26	23.7	96	95	93	93	93	96	94.3	31.1
26..	57.80	58.39	59.56	57.30	58.40	59.28	58.46	23.8	23.3	27.4	28.5	25.5	24.4	25.5	29.1	23.2	97	97	87	81	96	97	92.5	6.4
27..	58.06	58.69	59.34	57.08	57.90	58.90	58.33	23.6	23.3	28.7	28	26.3	24.5	25.7	29.6	23.2	97	97	78	83	94	97	91	48
28..	58.84	59.51	60.54	58.61	59.46	60.73	59.62	23.6	23	27.9	29.6	27	24.8	26	30.4	23	97	97	83	77	88	93	89.2	30
29..	59.78	60.50	61.44	59.71	60.81	61.68	60.65	23.6	22.8	28.5	30.3	26.5	27	26.4	30.5	22.8	95	97	80	76	92	86	87.7	.5
30..	60.29	60.21	61.44	59.28	59.33	60.74	60.22	26	25	26.5	28.8	25.6	24	26	29.8	23.4	92	95	89	78	91	97	90.3	.8
Mean	58.38	58.86	59.89	57.87	58.46	59.47	58.82	25.1	24.8	27.3	27.5	26.1	25.5	26	29.1	23.8	92.6	93.4	86.6	84.3	90.3	91.4	89.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,095.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	ENE	ENE	ENE	ENE	ENE	23.5	43.1	43.8	47.3	157.7	7	Ci.	Cu. ENE	6	Ci.	Cu. ENE
2..	ENE	ENE	ENE	ENE	ENE	ENE	56.3	38.6	52.6	35.9	183.4	10	.....	S.-Cu.ENE	7	Ci.-S.	Cu. ENE
3..	ENE	Calm	Calm	ENE	ENE	Calm	46.2	38.4	41.3	32.4	158.3	7	Ci.	Cu. ENE	10	.....	N. ENE
4..	Calm	ENE	Calm	ENE	Calm	ENE	39.2	36.7	39.4	23.3	138.6	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu.
5..	Calm	Calm	ENE	ENE	ENE	ENE	6.1	56.5	60.6	55.8	179	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. ENE
6..	ENE	ENE	Calm	ENE	ENE	ENE	40.5	25.7	41.8	54.7	162.7	10	.....	N. E	10	Ci.-S.	Cu. ENE
7..	ENE	ENE	ENE	ENE	ENE	Calm	66	63.6	45.9	17.4	192.9	10	.....	S.-Cu.ENE	10	.....	N. ENE
8..	Calm	Calm	ENE	ENE	ENE	ENE	9.5	24.6	50.9	76.4	161.4	10	Ci.-S.	S.-Cu.ENE	10	Ci.-S.	S.-Cu.ENE
9..	NE	NE	NE	NNE	NE	NE	87.7	84.3	69.5	64.6	306.1	10	Ci.-S.	S.-Cu. NE	10	.....	N. NNE
10..	Calm	Calm	E	NE	NE	Calm	8.2	33.3	40.5	20.3	102.3	6	Ci.	Cu.	5	Ci.	Cu.
11..	Calm	Calm	ENE	NNE	Calm	NE	6.1	39.2	46.1	42.8	134.2	6	Ci.	Cu. ENE	10	Ci.-S.	N. NNE
12..	NE	NNE	NNE	NNE	NNE	NNE	63.9	103.8	104.4	84	356.1	10	Ci.-S.	S.-Cu.NNE	10	.....	N. NNE
13..	NNE	NNE	NNE	NNE	NNE	NNE	68.7	72.1	77.9	86.1	304.8	10	Ci.-S.	S.-Cu.NNE	10	.....	N. NNE
14..	NNE	NNE	NNE	NNE	NNE	NNE	71.3	80.3	72.4	51.2	275.2	10	Ci.-S.	Cu.	10	Ci.-S.	s.-Cu. NNE
15..	NNE	NNE	NNE	NNE	NNE	NNE	46.9	63.6	73.2	65.8	249.5	10	Ci.-S.	S.-Cu.NNE	10	Ci.-S.	Cu. NNE
16..	NNE	NNE	NE	ENE	ENE	ENE	57.9	69.8	93.8	72.9	294.4	10	Ci.-S.	Cu.	10	.....	N. NE
17..	NE	ENE	NE	E	E	E	55.8	48.3	58.4	60.7	223.2	10	.....	N.	10	.....	N. ENE
18..	NE	Calm	Calm	NNE	Calm	Calm	45.1	29.5	22	13.1	109.7	10	Ci.-S.	Fr.-N.ENE	10	.....	N. NNE
19..	Calm	Calm	ENE	ENE	Calm	Calm	5.3	19.6	20.1	3.2	48.2	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. ENE
20..	Calm	Calm	ENE	ENE	Calm	Calm	5.3	22.3	17.2	6.2	51	6	Ci.	Cu.	10	Ci.-S.	Cu. ENE
21..	Calm	Calm	Calm	NE	NE	NE	6.7	22.8	48.5	43.3	121.3	10	Ci.-S.	Cu. NE	6	Ci.	Cu. NE
22..	NE	NE	Calm	NE	NE	NE	39.6	31.2	50.4	57.4	178.6	10	.....	N. NE	10	Ci.-S.	S.-Cu. NE
23..	NE	NE	NE	NE	Calm	NE	48.9	44.5	38.4	20.6	152.4	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	S.-Cu. NE
24..	NE	NE	NE	NE	NE	NE	24.4	69.4	62.6	46.2	202.6	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NE
25..	NE	Calm	NE	ENE	ENE	Calm	37.6	32.8	40	20.7	131.1	10	.....	N. NE	10	.....	Fr.-N.ENE
26..	Calm	Calm	Calm	ENE	Calm	Calm	3.4	22.8	22.7	5.6	54.5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. E
27..	Calm	Calm	ENE	ENE	Calm	Calm	6.1	25.7	29.3	9.7	70.8	10	A.-Cu.	Cu. E	10	Ci.-S.	Cu. E
28..	Calm	Calm	ENE	ENE	Calm	ENE	4	24.1	32.5	18.5	79.1	10	A.-Cu.	Cu.	10	Ci.-S.	Cu.
29..	Calm	Calm	NE	NE	Calm	NE	5.8	23.8	38.8	47.5	115.9	10	Ci.-S.	Cu.	6	Ci.	Cu. NE
30..	Calm	Calm	Calm	NE	Calm	Calm	18.2	19.1	23.9	4.6	65.8	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NE
Mean	.....	.....	.....	.....	.....	.....	33.5	43.6	48.6	39.6	165.4	9.4	.....	.....	9.3	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,960.8	.....	.....	.....	.....	.....	.....

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

DECEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.51	59.84	60.77	58.63	59.09	60.27	59.68	22.8	22.4	28.2	29.9	26	24	25.6	30.6	22.3	97	97	83	69	90	96	88.7	.....
2..	59.45	59.96	60.62	58.63	59.58	60.10	59.72	22.7	22.2	28.2	29.3	26	23.5	25.3	30.8	22	97	98	76	69	89	96	87.5	.....
3..	60.13	60.31	61.66	59.51	60.06	61.09	60.46	22.4	21.8	29.5	29.7	25.8	25.7	25.8	30	21.7	96	97	79	75	84	88	86.5	11.5
4..	60.38	60.65	61.86	60.22	60.61	61.39	60.85	24.8	24.4	26.5	28.2	25.7	25.6	25.9	29.7	24.2	93	97	88	80	88	89	89.2	13.5
5..	60.23	60.71	61.03	59.07	59.26	60.46	60.13	26	26.2	29.5	28.7	27.2	24.4	27	30.6	24	88	86	72	80	84	95	84.2	5.1
6..	58.63	58.71	59.38	56.98	57.11	58.67	58.25	26.2	26.3	25.6	27	26.2	23.3	25.8	29	22.6	90	90	87	88	93	96	90.7	82.5
7..	57	57.13	58.36	56.53	56.78	57.40	57.20	22.8	26.2	27.3	27	25.7	25.5	25.8	27.5	22.6	97	90	83	88	90	90	89.7	32.8
8..	56.60	56.54	57.81	55.65	56.34	57.60	56.76	23.9	25.2	25.2	25	25.6	25.2	25	26.3	23.5	92	92	96	96	88	92	92.7	97.9
9..	56.70	57.01	58.35	56.90	57.97	59.21	57.69	23.8	24.4	26	26	24.3	23.2	24.6	27.6	23	93	97	90	92	96	98	94.3	18.5
10..	57.92	58.27	58.98	56.69	57.29	58.43	57.93	23.2	22.8	28	27.3	25.8	24.5	25.3	29.8	22.5	98	99	86	84	93	96	92.7	5.3
11..	57.22	57.42	58.76	56.61	56.98	58.03	57.50	23.7	23.3	26.8	27	26.5	24.5	25.3	29.5	23.2	97	98	87	86	90	96	92.3	3.3
12..	57.25	57.96	59.41	57.82	58.35	58.80	58.26	23.5	22.8	27.5	27.7	26.3	26.3	25.7	29.2	22.5	96	97	83	83	90	91	90	5.3
13..	58.33	58.57	59.39	57.77	58.17	59.63	58.64	24.7	23.8	28.5	30	27	25.5	26.6	30.4	23.8	96	97	81	80	89	96	89.8	4.3
14..	58	58.35	59.54	57.82	57.98	59.38	58.51	23.7	23	28.7	29.2	26.6	25	26	29.8	23	97	97	80	76	91	96	89.5	1.3
15..	58.42	58.51	59.97	58.35	58.10	59.25	58.77	23.5	23.8	25.5	24.3	24.5	26	24.6	26.3	23.4	96	97	96	97	92	92	95	90
16..	57.62	58.09	59.46	57.34	57.14	58.13	57.96	25.2	24	24	26.2	26	25.7	25.2	26.2	22.8	96	96	87	89	91	92.5	34.3	
17..	57.30	57.86	58.81	57.18	58.13	59.35	58.10	24	24	27.5	26.7	25	24	25.2	29.4	23.5	97	97	84	88	96	96	93	19.1
18..	58.11	58.65	60.16	58.43	59.27	60.08	59.12	23.8	23.5	26.5	26.5	24.7	25	25	27.5	23	97	98	88	86	96	92	92.8	70.1
19..	59.68	59.67	60.76	58.73	59.24	59.98	59.68	24	25.5	26	27	24.8	23.8	25.2	28.1	23.3	91	92	88	84	93	95	90.5	79.2
20..	59.12	59.22	60.20	58.29	58.83	59.56	59.20	23.1	23.4	26	26.5	26.6	26.3	25.3	27.8	23.1	96	97	92	88	86	86	90.8	1.8
21..	58.75	59.28	60.02	57.74	58.34	59.09	58.87	23.2	22.7	27	29.5	27	25.6	25.8	29.6	22.5	97	98	84	75	84	91	88.2	2.8
22..	58.25	58.99	60.29	57.83	58.37	59.43	58.86	24.5	23.8	27.8	29.2	26.7	26.2	26.4	29.5	23.8	96	97	82	73	86	89	87.2	8.1
23..	57.88	58.55	59.51	57.63	58.33	59.76	58.61	24.8	23.8	28	29.3	26	24.8	26.1	29.8	23.8	95	97	81	76	89	93	88.5	.8
24..	58	58.22	59.53	56.88	57.34	58.49	58.08	23.8	25	27.8	27.5	25.5	26.4	26	28.8	23.5	93	92	82	81	90	85	87.2	16.8
25..	57.23	57.45	58.84	56.36	56.78	58	57.44	26.4	25	26	26.5	26.1	26	26	26.6	23	85	92	89	80	82	82	85	32
26..	57.01	57.20	58.80	57.26	57.66	58.34	57.71	24.8	25	25.5	23.7	25.5	24.9	24.9	26	23.6	87	87	84	94	81	83	86	16.8
27..	57.62	57.95	59.64	58.07	58.56	60.03	58.64	23.8	24.5	23	24	24	23	23.7	25.5	22.2	85	87	93	86	91	94	89.3	20.3
28..	58.90	58.97	60.63	58.83	58.42	59.79	59.26	22.5	22.3	22.8	23.3	22.6	23.2	22.8	24.6	22	90	91	91	89	90	90	90.2	22.4
29..	59.55	59.15	60.40	58.27	58.60	59.47	59.24	22.2	22.5	24.6	25.5	23.6	23.3	23.6	25.9	22	94	93	91	84	93	96	91.8	17.8
30..	58.58	58.71	60.39	59.05	59.47	60.74	59.49	23.3	24	24.6	23.5	23.2	23.8	23.7	25	22.3	96	87	82	87	90	86	88	16.4
31..	60.20	60.43	62.03	59.91	59.96	60.94	60.58	21.9	22.5	23.3	23.8	23	23.6	23	24.4	21.7	94	92	90	85	87	90	89.7	19.6
Mean	58.37	58.66	59.85	57.90	58.33	59.38	58.75	23.8	23.9	26.5	26.9	25.5	24.8	25.2	28.1	22.9	93.9	94.3	85.9	83.4	89.4	91.8	89.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	749.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	NE	Calm	Calm	Calm	4.8	19.6	22.2	5.3	51.9	6	Ci.	Cu.	6	Ci.	Cu. S
2..	Calm	Calm	NE	NE	Calm	Calm	3.7	21.1	25.2	6.9	56.9	5	Ci.	Cu.	3	Ci.	Cu. NE
3..	Calm	Calm	NE	NE	NE	NE	5.3	24.1	53.6	41.2	124.2	1	Ci.	Cu.	6	Ci.	Cu. NE
4..	Calm	Calm	Calm	NE	Calm	NE	11.5	19.9	45.6	55	132	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	Cu. ENE
5..	NE	NE	NE	NE	NE	Calm	32.5	64.9	63	51.8	212.2	10	Ci.-S.	Cu. ENE	5	Ci.	Cu. ENE
6..	NE	NE	NE	ENE	ENE	Calm	64.4	59.7	76.6	42.8	243.5	10	Ci.-S.	S.-Cu. NE	10	.....	N. ENE
7..	Calm	NNE	NNE	NNE	NNE	NNE	37.6	62.5	87.2	95.5	282.8	10	Ci.-S.	S.-Cu.NNE	10	Ci.-S.	S.-Cu. N
8..	NNE	NNE	NNE	NNE	NE	NE	91.7	90.3	86.3	40.5	308.8	10	.....	N. NNE	10	.....	N. NNE
9..	Calm	NE	Calm	Calm	Calm	Calm	19.5	26.2	9.9	2.2	57.8	10	Ci.-S.	Cu.	10	.....	N.
10..	Calm	Calm	Calm	NE	Calm	Calm	3.8	21.1	37	4	65.9	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. NE
11..	Calm	Calm	Calm	Calm	Calm	Calm	5	20.7	23	8.7	57.4	4	Ci.	Cu.	10	Ci.-S.	Cu. E
12..	Calm	Calm	ENE	ENE	Calm	Calm	3.8	29.3	37	13.1	83.2	3	Ci.	Cu.	6	Ci.	Cu. ENE
13..	Calm	Calm	NE	NE	Calm	Calm	7.7	25.1	30.1	7.8	70.7	6	Ci.	Cu.	7	Ci.	Cu. ENE
14..	Calm	Calm	Calm	Calm	Calm	Calm	6.6	15.8	24.6	6.4	53.4	6	Ci.	Cu.	6	Ci.	Cu. W
15..	Calm	Calm	Calm	Calm	Calm	ENE	7	18.5	19.6	36.2	81.3	10	Ci.-S.	S.-Cu. NE	10	.....	N. ENE
16..	ENE	ENE	ENE	ENE	ENE	ENE	58.2	43.3	50.4	31.9	183.8	10	.....	N. NE	10	Ci.-S.	Cu. NE
17..	Calm	Calm	ENE	Calm	Calm	Calm	7.8	20.9	18.8	11.1	58.6	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NE
18..	Calm	Calm	NE	NE	Calm	NE	4.2	41.5	54.1	52	151.8	10	Ci.-S.	Cu. NNE	10	Ci.-S.	S.-Cu. NE
19..	ENE	ENE	ENE	NE	NE	Calm	58.7	82.1	75.6	36.4	252.8	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NE
20..	NE	Calm	ENE	ENE	ENE	ENE	33.2	23.8	53.1	82.6	192.7	10	Ci.-S.	N. NE	10	Ci.-S.	Cu. ENE
21..	Calm	Calm	ENE	ENE	ENE	Calm	7.7	23.5	54.5	32.8	118.5	10	Ci.-S.	Cu. ENE	6	Ci.	Cu. E
22..	Calm	Calm	ENE	ENE	ENE	ENE	14.7	23.8	40.4	34.3	113.2	6	Ci.	Cu. ENE	4	Ci.	Cu. ENE
23..	Calm	Calm	ENE	ENE	Calm	Calm	8.9	24.4	34.4	8.5	76.2	10	Ci.-S.	S.-Cu.ENE	7	Ci.	Cu. ENE
24..	Calm	Calm	ENE	ENE	Calm	NE	11.9	54.5	52.1	74	192.5	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NE
25..	NNE	NNE	NNE	NNE	NNE	NNE	73.4	83.9	96.4	90.1	343.8	10	.....	N. NNE	10	Ci.-S.	Cu. NNE
26..	NNE	NNE	NNE	NE	NE	ENE	88.8	87.4	78.1	100.1	354.4	10	Ci.-S.	Cu. NNE	10	.....	N. NE
27..	ENE	ENE	ENE	ENE	ENE	ENE	94.4	81	88.2	106	369.6	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
28..	ENE	ENE	ENE	ENE	ENE	ENE	98	98	89	78.4	363.4	10	.....	N. NE	10	Ci.-S.	S.-Cu. NE
29..	NE	NE	NE	NE	NE	NE	66	59.3	59.7	68.1	253.1	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu. NE
30..	NE	NE	NE	NE	NE	NE	69.2	99.8	88.5	97.4	354.9	10	.....	N. NE	10	Ci.-S.	S.-Cu. NE
31..	NE	NE	NE	NE	NE	NE	88	89.8	80.2	74.6	332.6	10	.....	N. NE	10	.....	N. NE
Mean	.....	.....	.....	.....	.....	.....	35.1	47	53.4	45	180.4	8.6	.....	.....	8.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,593.9	.....	.....	.....	.....	.....	.....

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

JANUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	58.28	59.02	60.04	56.95	58.18	59.57	58.67	23	21.6	27.6	31.2	27	25	25.9	31.8	20.7	95	95	73	62	74	83	80.3	.....
2..	58.43	59.68	60.68	57.71	58.84	60.67	59.34	23.3	22	27.7	31.8	26.4	24.6	26	32.4	21.6	94	96	78	58	82	92	83.3	1
3..	58.98	60.07	61.44	58.82	59.90	61.61	60.14	24.2	23.4	28	29.8	26	24	25.9	30.8	22.8	95	97	79	63	72	81	81.2	.....
4..	61.13	61.86	63.25	61.79	62.18	64	62.37	22.4	21.6	27.2	27.5	25.2	23.4	24.6	28.9	20.8	91	91	67	63	71	83	77.7	.....
5..	63.44	64.26	64.99	63.11	63.69	65.22	64.12	22.4	21.8	26.7	28.7	24.3	21.5	24.2	30	20.7	88	87	62	59	73	87	76	.....
6..	64.67	65.02	65.73	63.27	63.38	64.61	64.45	21	19	25.5	27.1	24	21.4	23	29	18.6	87	94	66	59	64	78	74.7	.....
7..	63.22	63.72	64.62	62.45	62.73	64.82	63.59	20	19	26.4	27.2	25.4	22	23.3	30	18.5	87	92	69	58	68	86	76.7	.....
8..	63.55	63.97	65.28	62.98	63.37	64.96	64.02	21	19.8	25.7	28.1	25.6	23.6	24	28.8	18.7	85	90	75	65	72	83	78.3	.....
9..	64.29	64.90	65.94	63.24	64.32	65.56	64.71	22	21	27.4	29.9	25.2	23	24.8	30.1	20	88	87	61	56	70	83	74.2	.....
10..	64.71	65.04	65.87	63.68	64.64	65.56	64.92	22	21	27.1	27.9	24.2	23.2	24.2	28.9	20.4	87	87	62	60	85	73	75.7	.5
11..	64.81	65.01	65.90	63.28	63.94	64.74	64.61	22.8	21.1	26.8	27.4	24	22.1	24	28.6	20.7	74	74	56	54	67	75	66.7	.....
12..	63.34	63.61	63.89	61.53	62.21	63.20	62.96	22.4	20.6	26.7	28.5	25.4	24	24.6	29.9	19.5	74	77	58	57	66	75	67.8	.8
13..	62.22	62.21	62.82	60.81	61.39	62.44	61.98	22.8	22.2	26.4	28	26	24.2	24.9	30.1	21.8	83	87	73	72	73	82	78.3	.8
14..	61.11	61.61	62.35	59.87	60.73	61.94	61.27	22	20.9	27.2	31.1	26.7	24.6	25.4	31.5	20 3	88	92	70	56	70	79	75.8	.....
15..	61.21	61.23	62.14	59.66	60.07	60.82	60.86	22	21	27.6	29.1	26	23	24.8	30.9	20.1	91	95	67	60	69	86	78	.....
16..	60.13	61.28	61.97	59.57	60.21	61.75	60.82	21	19.5	27.1	29.9	26	23	24.4	31	18.7	85	91	59	57	69	81	73.7	.....
17..	60.53	60.98	61.99	59.18	59.79	61.01	60.58	21	19.6	26.6	30.8	26.6	24	24.8	31.4	18.8	91	94	65	54	68	83	75.8	.....
18..	60.24	60.83	61.17	57.86	59.14	60.76	60	23	20.5	27.3	29.8	25.4	23	24.8	31.2	19.7	83	93	65	59	76	83	76.5	.....
19..	59.91	60.15	60.95	58.09	58.97	60.28	59.72	21.8	20.6	27.3	28.5	25.5	23	24.4	29	19.5	86	91	66	63	75	84	77.5	.....
20..	58.97	59.30	60.10	57.38	58.29	59.98	59	21.5	20.8	28.7	30.4	26.2	23	25.1	31.5	20	90	93	59	59	67	83	75.2	.....
21..	58.61	59.03	60.05	57.94	58.82	60.08	59.09	21.5	20.9	27.6	28.5	26	23.8	24.7	29.3	20	90	92	64	63	69	85	77.2	.....
22..	59.41	60.03	60.39	57.98	58.79	60.28	59.48	21.5	21.4	26.1	29.8	25.4	23	24.5	30.6	20.6	91	91	65	55	69	81	75.3	.....
23..	59.64	60.01	60.65	58.21	58.91	59.87	59.55	22.5	21.9	26.4	30	26.5	24.4	25.3	30.4	21.4	83	90	69	59	73	82	76	.....
24..	58.81	59.92	60.78	58.56	59.54	60.69	59.72	22.2	21.4	27.4	29.8	25.8	22.5	24.8	30.9	20.4	89	91	68	60	67	82	76.2	.....
25..	59.83	60.15	60.97	59.39	60.39	61.30	60.34	20.5	19.6	26.6	28.2	25.4	23	23.9	29.5	19.1	91	91	65	58	68	84	76.2	.....
26..	60.64	61.34	61.72	59.38	60.07	60.76	60.65	22.8	21.5	26.6	28.8	26	24.4	25	30.5	21	88	90	65	62	72	80	76.2	1.3
27..	59.98	60.76	61.63	59.07	59.87	60.43	60.29	23.4	22.4	25.5	28	26	24.9	25	28.8	21.5	91	96	84	65	69	72	79.5	.....
28..	59.66	59.87	60.80	58.16	58.93	60.84	59.71	22.4	21.9	28	31	27.4	24.8	25.9	31.4	21.4	91	92	69	56	63	77	74.7	.3
29..	59.90	60.04	61.14	58.75	59.59	61.51	60.16	23.1	20.2	26.8	30.4	25.8	24	25	31.6	19.4	87	89	61	53	70	78	73	.....
30..	60.43	60.95	61.99	59.02	59.84	61.06	60.55	21	19.6	26	29.1	25.2	23.4	24	30	19	86	90	66	56	68	76	73.7	.....
31..	59.91	60.28	61.25	58.13	58.69	60.33	59.76	21.8	20	26	30.6	26.6	23.7	24.8	31.4	19.4	84	91	68	52	68	85	74.7	1.3
Mean	60.97	61.49	62.34	59.87	60.63	61.96	61.21	22.1	20.9	26.9	29.3	25.7	23.5	24.7	30.3	20.2	87.5	90.5	66.9	59.1	70.5	81.4	76	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction	Force.	Mean force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	N	1	N	1	N	2	E	2	ESE	3	N	1	1.7	3	Ci.	S.-Cu.	4	Ci.	Cu.-N. E
2..	N	1	N	1	N	2	E	1	N	3	Calm	....	1.3	3	Ci.	Cu.	3	A.-Cu.	Gu.-N.
3..	N	1	N	1	NE	2	E	4	ESE	4	N	1	2.2	10	Ci.	S. N	3	A.-Cu.	Gu. ENE
4..	N	1	NE	1	NE	1	E	4	E	4	NW	1	2	3	Ci.	Cu. E	9	Ci.-S.	Gu.-N. NE
5..	N	1	NE	1	NE	2	E	4	ESE	4	NE	2	2.3	2	Ci.	S.-Cu. NE	5	Ci.	Gu. E
6..	N	1	N	1	N	2	E	4	E	2	N	1	1.8	4	Ci.	Cu. E	5	Ci.	Gu.-N. E
7..	N	1	N	1	NE	3	ESE	4	ESE	3	N	1	2.2	2	Ci.	Cu. E	9	A.-Cu.	Cu. E
8..	N	1	N	1	NE	2	E	2	NE	1	N	1	1.3	7	Ci.-S.	S.-Cu. E	8	Ci.	Cu. E
9..	N	1	N	1	NE	4	NE	4	NE	2	NE	1	2.2	4	Ci.	Cu. E	3	Ci.	Gu. NE
10..	N	1	N	1	NE	3	NE	4	NE	1	E	4	2.3	5	A.-Cu.	Cu. E	8	Ci.-S.	Gu.-N. E
11..	NE	2	NE	2	NE	4	NE	5	NE	4	NE	2	3.2	3	Ci.	Cu. E	4	Ci.	Cu. E
12..	N	1	Calm	....	NE	2	E	3	NE	3	NE	3	2	5	Ci.	S.-Cu.	8	A.-Gu. S	Gu. E
13..	NE	1	NNE	2	NE	3	NE	2	NE	2	N	1	1.8	9	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
14..	N	1	N	1	NE	2	ESE	3	ESE	3	ESE	1	1.8	2	Ci.	Cu. E	4	Ci.	Cu. E
15..	N	1	N	1	NE	2	ESE	4	ESE	3	N	1	2	4	Ci.	S.-Cu.	5	Ci.	Cu. E
16..	N	1	N	1	N	2	E	4	E	2	N	1	1.8	1	.....	Cu.	6	Ci.	Gu. E
17..	N	1	N	1	E	1	E	3	E	3	N	1	1.7	1	Ci.	S.-Cu.	4	A.-Cu.	Cu. E
18..	N	1	N	1	NNE	3	NE	3	E	1	N	1	1.7	1	Ci.	Cu.	6	A.-Gu.	Cu. E
19..	N	1	N	1	N	2	NE	3	E	3	N	1	1.8	5	Ci.	Cu. E	9	Ci.	Gu. E
20..	N	1	N	1	NE	3	NE	4	ESE	4	N	1	2.3	4	Ci.	Cu. E	4	Ci.	Cu. E
21..	N	1	N	1	NE	3	E	3	E	4	N	1	2.2	5	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N. E
22..	N	1	N	1	E	2	E	4	E	4	N	1	2.2	4	Ci.	Cu.	6	Ci.	Cu. NE
23..	N	1	N	1	N	2	E	2	E	3	N	1	1.7	6	Ci.	S.-Cu. E	9	Ci.-S.	Gu.-N. E
24..	N	1	Calm	....	N	1	E	3	E	2	N	1	1.3	4	Ci.	Cu. E	6	Ci.	Gu.-N. E
25..	N	1	Calm	....	NE	1	E	2	E	2	N	1	1.2	3	Ci.	S.-Cu.	8	Ci.-S.	Gu.-N. E
26..	N	1	NE	1	NE	3	E	4	ESE	4	E	2	2.5	8	Ci.	S.-Cu. E	10	Ci.-S.	Cu.-N. E
27..	N	1	N	1	N	2	NE	5	E	2	N	1	2	10	Ci.-S.	Cu.-N. E	6	Ci.	Cu.-N. E
28..	N	1	N	2	NE	3	E	3	NE	3	N	2	2.3	10	Ci.-S.	Cu.-N. E	4	A.-Cu.	Cu.-N. E
29..	N	2	N	1	NE	2	E	4	SE	4	N	1	2.3	4	Ci.	Cu. E	6	Ci.	Cu. E
30..	N	1	NW	1	N	3	E	3	E	3	NE	3	2.2	6	Ci.	Cu.	6	Ci.	Cu. NE
31..	N	1	N	1	NW	2	NW	3	E	1	NW	2	1.7	4	Ci.	Cu. E	5	A.-Cu.	Cu.-N. N
Mean	.....	1.1	.....	1	.....	2.3	.....	3.3	.....	2.8	.....	1.4	2	4.6	.....	.....	6.2	.....	.....

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

FEBRUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	59.68	60.09	60.93	58.33	59.32	60.81	59.86	22.2	21	25.6	28.4	24.6	22.6	24.1	30.2	20.2	91	96	68	57	69	78	76.5	.....
2..	59.69	59.75	61.05	58.84	59.64	61.62	60.10	20.2	20	25.7	27.5	25.6	23	23.7	29.4	19.2	87	89	65	63	71	83	76.3	.....
3..	60.41	60.72	62	59.83	60.34	61.91	60.87	22	20.2	26.4	27.8	25.5	23	24.2	28.8	19.5	87	93	63	62	72	83	76.7	.....
4..	60.93	61.52	62.73	60.70	61.16	62.74	61.63	21	19.9	25.5	27.5	25	23.4	23.7	29.4	19	89	91	68	64	68	80	76.7	.....
5..	61.84	62.27	63.35	60.86	62.10	63.26	62.28	22.4	20.5	27	29	25	21.4	24.2	30.1	19.4	86	91	59	55	65	87	73.8	.....
6..	62.41	62.92	63.79	61.63	62.25	64.23	62.87	19.5	18.2	26.8	28.9	26	22.7	23.7	29.1	17.6	90	90	58	57	65	89	74.8	0.8
7..	62.36	63.09	63.46	61.18	61.17	62.44	62.28	22	21.5	25.9	30	27	24	25.1	30.3	21.2	95	95	81	58	67	83	79 8	.3
8..	61.96	62.26	62.87	60.12	59.91	62.30	61.57	22	20.4	26.2	31.9	30	25.7	26	33	19.7	87	91	72	49	59	82	73.3	.....
9..	61.56	61.98	62.54	59.86	60.47	62.23	61.44	24.8	23.9	27.2	30.6	25.8	23.6	26	31.4	23	85	87	68	46	66	76	71.3	.....
10..	61.59	62.35	63.09	60.46	61.08	62.86	61.90	23	21	26.1	29.2	24.4	22	24.3	30.5	19.8	78	80	57	52	68	77	68.7	.....
11..	62.61	62.92	62.85	60.38	61.01	62.51	62.05	21	20.5	26	29.2	24.9	23.8	24.2	30.1	19.4	82	82	61	53	66	72	69.3	.....
12..	61.86	62.68	63.48	60.68	61.67	63.16	62.24	20.8	19.8	26.6	31.4	27.6	24.4	25.1	31.9	19.4	83	83	62	49	66	80	70.5	.....
13..	62.11	62.49	63.10	60.79	62.58	64.01	62.51	22.6	21	27.3	28.5	24.8	21.7	24.3	30	20.2	86	91	63	62	64	76	73.7	.....
14..	62.87	63.17	63.88	61.63	61.89	63.91	62.89	20.8	18.1	26.3	28.2	24.2	22	23.3	29.8	17.6	79	85	53	50	62	74	67.2	.....
15..	62.81	62.84	63.65	61.06	61.40	62.77	62.42	21.4	20.8	26.7	29.3	26.2	25	24.9	29.9	20.3	77	80	59	55	69	76	69.3	.....
16..	61.83	61.74	62.59	59.51	59.89	61.31	61.14	22.4	21.4	27	30.2	27.8	24.6	25.6	32.1	20.6	84	87	70	59	71	87	76.3	.....
17..	60.16	60.48	61.47	57.75	58.78	59.83	59.74	24	22	28.1	32.5	23.5	23	25.5	33.6	21.6	87	96	65	48	91	91	79.7	30.7
18..	58.62	59.24	60.22	57.89	57.53	58.98	58.75	22.8	22.4	25	25.5	24.6	23.4	24	27.6	21.7	93	94	80	84	91	91	88.8	4.3
19..	57.84	58.18	59.19	56.20	57.93	59.62	58.16	22	21.6	26.5	31.1	24.5	24	25	32	21	96	98	79	56	91	91	85.2	2.8
20..	58.77	59.26	61.30	59.33	60.17	61.76	60.10	23.4	23	26	27.9	24.6	24.2	24.8	28.6	22.5	93	96	72	59	68	70	76.3	.....
21..	61.29	62.03	62.99	61.13	61.41	62.77	61.94	22.4	20.5	25.5	27.8	24.2	22.1	23.8	28.7	19.9	95	90	63	54	62	76	73.3	.....
22..	62.05	62.16	62.99	60.45	60.81	61.97	61.74	20.4	18.4	26	28.5	24.5	22.5	23.4	29	18	82	91	58	51	66	78	71	.....
23..	61.14	61.49	61.52	59.11	59.39	60.47	60.52	20.4	18.5	27	30.2	25.3	22.3	24	30.4	17	83	90	60	48	62	81	70.7	.....
24..	59.50	59.90	60.73	58.32	58.55	59.85	59.48	19.8	18	28	31	26.8	23.1	24.4	31.4	17.5	88	95	59	45	57	78	70.3	.....
25..	58.97	59.49	60.13	57.97	58.14	59.47	59.03	20.4	19.7	28.9	30.8	27.4	25.5	25.4	31.2	19.2	90	93	54	52	58	68	69.2	.....
26..	59.08	59.08	59.49	57.27	57.37	58.71	58.49	21.9	20.7	27.5	31.2	27.4	23.1	25.3	31.5	19.7	86	90	68	54	63	86	74.5	.....
27..	58.16	58.70	59.15	56.44	56.59	58.01	57.84	22	20.9	28.6	32	27.6	23	25.7	32.5	20.3	89	93	61	54	66	87	75	.....
28..	57.68	58.14	59.14	57.35	57.19	58.68	58.03	21.6	20.2	29.5	30.8	28.1	23.6	25.6	31.8	19.7	90	95	59	57	61	82	74	.....
Mean	60.70	61.10	61.92	59.47	59.99	61.51	60.78	21.8	20.5	26.7	29.5	25.8	23.3	24.6	30.5	19.8	87.1	90.4	64.5	55.5	68	80.8	74.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	38.9

Day.	Wind.														Clouds.						
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.		
																Upper.	Lower.		Upper.	Lower.	
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*				*0–10*			
1..	N	1	N	1	NE	2	NE	3	E	3	NE	2	2	2	Ci.		Cu.	7	Ci.		Cu. ENE
2..	N	1	N	1	NE	2	E	2	E	2	N	1	1.5	3	Ci.		Cu.	6	Ci.		Cu. E
3..	N	1	N	1	NE	1	E	4	E	4	E	1	2	3	Ci.		S.-Cu.	7	Ci.		Cu.-N. E
4..	N	1	N	1	NE	1	E	1	ESE	3	N	1	1.3	8	Ci.-S.		Cu.-N.	9	Ci.-S.		S.-Cu. E
5..	N	1	N	1	NE	2	ESE	1	ESE	2	N	1	1.3	5	Ci.		Cu. E	8	Ci.		Cu.-N. E
6..	N	1	NW	1	N	2	E	2	E	4	NE	2	1.5	2	Ci.		Cu. E	7	Ci.		Cu. E
7..	NW	1	Calm	....	NE	2	E	4	E	3	NE	1	1.8	10	Ci.-S.		N. E	4	A.-Cu.		Cu. E
8..	NE	1	NE	1	NE	1	NE	2	NW	2	NW	2	1.5	3	Ci.		Cu.	4	A.-Cu.		Cu. E
9..	NW	1	NW	1	NW	3	NW	5	NW	3	NW	2	2.5	8	Ci.-S.		Cu.-N.	3	A.-Cu.		Cu.-N.
10..	N	1	N	1	NE	2	ESE	5	ESE	4	ESE	2	2.5	2	Ci.		Cu.	2	Ci.		Cu. E
11..	N	1	Calm	....	ESE	1	ESE	4	ESE	4	ESE	2	2	4	A.-Cu.		Cu. E	2	A.-Cu.		Cu.-N.
12..	N	1	N	1	N	2	NE	2	NE	2	N	1	1.5	2	Ci.		Cu.	6	Ci.		Cu. NE
13..	N	1	N	1	NE	1	ESE	5	ESE	5	NNE	2	2.5	6	Ci.		Cu. E	2	Ci.		Cu. ESE
14..	N	2	NW	1	NE	3	ESE	5	ESE	4	ESE	2	2.8	4	Ci.		Cu.	2	A.-Cu.		Cu. E
15..	N	1	N	1	N	2	E	4	E	4	N	1	2.2	6	Ci.		Cu. E	6	Ci.		Cu. E
16..	NW	1	N	1	NE	1	ESE	4	ESE	2	N	1	1.7	3	Ci.		Cu. E	8	Ci.		Cu. ESE
17..	N	1	NNW	2	NE	3	NE	4	N	2	N	1	2.2	7	Ci.		S.-Cu. E	7	Ci.		Cu.-N. E
18..	N	2	NE	1	NE	1	NE	3	N	2	N	1	1.7	10	Ci.-S.		N. E	10	Ci.-S.		N. E
19..	N	1	Calm	....	NE	1	NW	2	NW	2	Calm	....	1	10	Ci.-S.		S. N	5	A.-Cu.		Cu.-N.
20..	Calm	....	NNE	1	NE	2	E	3	ESE	3	ESE	3	2	9	.....		Cu.-N.NW	7	Ci.-S.		Cu.-N.ESE
21..	E	3	Calm	....	N	1	E	3	ESE	5	E	1	2.2	7	Ci.-S.		S.-Cu.ESE	6	Ci.-Cu.	NE	Cu.-N.ESE
22..	SE	1	N	1	NNW	2	NE	3	ESE	1	Calm	....	1.3	4	Ci.-S.		Cu.-N.	2	.....		C. NW
23..	Calm	....	Calm	....	ESE	1	ESE	3	ESE	1	Calm	....	.8	0	.....		.....	1	.....		Cu.
24..	Calm	....	Calm	....	NE	3	ESE	3	ESE	1	Calm	....	1.2	0	.....		.....	1	.....		Cu.
25..	NNE	1	N	1	NE	3	SE	4	ESE	2	ESE	1	2	1	Ci.-S.		.....	1	.....		Cu.
26..	Calm	....	NNW	1	ENE	1	ESE	4	ESE	2	Calm	....	1.3	2	Ci.-S.	E	S.-Cu.	3	Ci.-S.		Cu. E
27..	Calm	....	Calm	....	SE	2	SE	4	ESE	1	Calm	....	1.2	4	Ci.	S	Cu.-N. E	2	.....		Cu.
28..	Calm	....	NNW	1	NE	3	SE	4	SE	1	NNW	1	1.7	3	.....		Cu.-N.ENE	4	Ci.-S.		Cu.-N.ENE
Mean	.....	0.9	.....	0.8	.....	1.8	.....	3.3	.....	2.5	.....	1.1	1.8	4.6	.....		.....	4.7	.....		.....

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

MARCH, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	58.78	58.70	59.92	57.22	57.24	58.81	58.44	23.6	20	29.1	32.5	27.3	24.5	26.2	32.6	19.4	82	93	64	54	66	79	73	.....
2..	58.07	58.76	59.39	57.23	57.34	59.18	58.33	23.4	21.3	28.7	30.3	27.4	24.3	25.9	31.4	21.3	84	96	59	55	62	80	72.7	.....
3..	59	59.47	59.80	56.79	56.58	59	58.44	22.6	20.7	28.5	33	29	25.3	26.5	33.4	20.4	86	94	59	50	60	75	70.7	.....
4..	57.93	58.64	58.91	56.55	56.57	58.66	57.88	23	22.2	30.2	31.6	28.4	26	26.9	33	21	87	89	60	49	61	73	69.8	.....
5..	58.33	58.56	59.87	57.12	57.10	59.17	58.36	24.2	23	29.2	31.4	28.2	25.8	27	32	22.2	80	89	66	58	62	72	71.2	.....
6..	58.55	59.29	60.04	57.50	57.51	59.37	58.71	23.7	22	30.1	33.4	29	25	27.2	33.7	21.5	83	91	59	45	55	79	68.7	.....
7..	58.36	59.36	60.52	58.43	58.28	59.40	59.06	23.6	21.9	29.5	29.7	27.4	24.3	26.1	31.7	21.3	82	90	63	58	63	81	72.8	.....
8..	58.78	59.23	59.54	57.11	57.23	58.71	58.43	22.2	21.1	28.9	32	27.6	26.2	26.3	33	20.6	87	90	59	46	60	63	67.5	.....
9..	58.29	58.54	59.33	57.04	57.06	59.12	58.23	21.9	20.1	28.9	32.7	29.3	26	26.5	33.2	19.5	84	90	58	50	57	72	68.5	.....
10..	58.85	59.51	60.38	57.51	57.27	59.03	58.76	24	21.8	29.5	33	28.2	26	27.1	33.7	21	78	88	58	40	56	64	64	.....
11..	58.67	59.27	60.37	57.94	57.84	59.45	58.92	22.3	21.5	30	32	27.6	26.3	26.6	33.1	20.8	78	87	53	49	59	67	65.5	.....
12..	58.74	59.05	59.42	57.15	57.60	58.21	58.36	21.8	20.2	29.6	32.1	28	26.3	26.3	33.4	19.5	84	91	57	47	64	71	69	.....
13..	58.28	59.27	59.87	57.38	57.87	60.15	58.80	22.8	20.9	29	33.6	27.9	26.6	26.8	34.3	20.1	84	94	60	44	65	72	69.8	.....
14..	59.17	59.66	60.96	58.96	59.29	60.64	59.78	23.6	22.5	28.7	31.2	27.7	25.8	26.6	31.5	21.8	90	92	64	54	62	74	72.7	0.8
15..	60.07	60.97	62.09	59.72	60.28	61.59	60.79	23	21	30	32	28.1	24.5	26.4	32.6	20.4	86	94	56	43	51	67	66.2	.....
16..	60.91	61.23	61.39	59.02	59.50	61.03	60.51	21.9	22	30	30.6	27.1	24.7	26	32.5	20.6	79	87	50	52	65	75	68	.....
17..	60.32	60.77	61.59	59.29	59.30	61.25	60.42	24	23.4	27.1	27.6	26.9	25.5	25.8	29.3	23	81	88	70	71	63	72	74.2	1.1
18..	59.65	60.17	61.27	59.42	59.52	60.61	60.11	23.6	23.4	28.5	31.5	28	26.5	26.9	32.4	22.9	84	88	64	51	60	69	69.3	.....
19..	59.75	60.38	60.67	58.51	58.77	60.10	59.70	23	22.2	30.7	32	28.5	26.9	27.2	32.7	21.2	84	87	60	50	64	70	69.2	.....
20..	59.01	60.08	61.21	58.58	59.17	61.02	59.84	23.3	22.1	29.8	33.4	29	24	26.9	34.2	21.5	84	95	64	48	60	86	72.8	.....
21..	59.63	60.45	61.60	59.55	59.87	62.08	60.53	22.5	22	30.5	32.6	28.2	26.4	27	33.7	21.4	92	93	57	48	57	66	68.8	.....
22..	60.87	61.45	62.49	59.80	59.80	61.74	61.02	23	21.8	29.6	33.1	28.1	26	26.9	33.7	21.2	83	88	56	44	60	72	67.2	.....
23..	60.38	60.59	61.56	59.63	59.91	61.33	60.57	23	21.4	29.4	29.7	26.4	24.8	25.8	32.5	20.9	83	91	58	58	68	73	71.8	.....
24..	60.06	60.34	61.63	59.44	59.72	61.12	60.38	23.1	22	26.6	30.2	27.2	25	25.7	31	21.5	84	88	67	54	68	76	72.8	.....
25..	60.16	60.81	61.79	59.63	60.02	61.06	60.58	24.5	23.5	27.4	30.4	25.5	24.6	26	31.4	23	76	83	68	54	71	75	71.2	.8
26..	60.23	60.32	61.28	59.48	59.59	61	60.32	23	22.5	27	27.5	26.6	24.8	25.2	28.6	21.7	86	90	70	68	72	74	76.7	1.3
27..	60.28	60.64	61.31	58.60	59.51	61.41	60.29	22.8	21.4	29.1	34	26.4	24.4	26.4	34.7	21	86	91	62	43	89	91	77	1.3
28..	60.86	61.18	62.56	60.11	60.53	62.60	61.31	23.4	22.1	28.6	32.8	27.4	25.4	26.6	33.5	21.6	91	95	64	48	64	74	72.7	.....
29..	61.69	61.96	62.82	59.64	59.94	62.12	61.36	22.4	21.2	30	34.1	30	25.8	27.2	35.3	20.7	91	94	56	40	52	73	67.7	.....
30..	61.14	61.03	61.53	58.39	58.17	60.09	60.06	23.5	22	29.5	33.2	30.4	25.5	27.4	34.4	21.4	87	91	56	45	56	84	69.8	.....
31..	59.30	60.16	61.13	57.74	57.84	60.47	59.44	25	23.5	30.6	35.2	32	25	28.6	36	23.1	83	87	52	40	52	91	67.5	37.8
Mean	59.49	59.99	60.85	58.40	58.59	60.31	59.60	23.2	21.8	29.2	31.9	28	25.4	26.6	32.9	21.2	84.2	90.3	60.3	50.2	62.1	74.5	70.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Mean force.	Amount.	Form and direction.		Amount.	Form and direction.	
															Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	NNW	1	Calm	....	E	2	SE	4	ESE	1	Calm	....	1.3	1	Ci.-S.	.....	3	Ci.-S.	Cu. ENE
2..	Calm	....	Calm	....	N	1	E	4	SE	3	Calm	....	1.3	3	Ci.-S.	Cu.-N. ENE	3	Ci.-S.	Cu.-N. ENE
3..	Calm	....	Calm	....	ESE	1	ESE	4	E	2	NW	1	1.3	2	Ci.-S.	S.-Cu. ENE	3	Ci.-S.	Cu. ENE
4..	Calm	....	NNW	1	NE	2	SE	4	ESE	4	Calm	....	1.8	5	Ci.-S.	Cu.-N. E	3	.....	Cu.-N.
5..	Calm	....	NNW	1	SE	2	NE	4	ESE	2	ENE	1	1.7	8	Ci.-S.	Cu.-N. ENE	5	Ci.	Cu.-N. ENE
6..	NNW	1	N	1	ESE	2	ESE	4	ESE	3	E	2	2.2	3	Ci.-S.	S.	2	.....	Cu.-N.
7..	Calm	....	Calm	....	SE	4	ESE	4	ESE	2	Calm	....	1.7	3	Ci.-S.	Cu.-N. ENE	9	.....	Cu.-N. E
8..	Calm	....	Calm	....	NE	2	ESE	4	ESE	3	ESE	1	1.7	4	Ci.-S.	Cu.-N. E	1	.....	Cu. E
9..	Calm	....	NNW	1	NNW	2	ESE	3	ESE	2	NNW	1	1.5	2	Ci. SE	Cu.-N. E	3	.....	Cu.-N. E
10..	NE	1	Calm	....	NE	3	ESE	4	ESE	3	ESE	1	2	3	Ci.-S.	Cu.-N.	2	Ci.-S.	Cu. E
11..	NNW	1	W	1	N	2	SE	4	ESE	3	SE	1	2	4	Ci.-S.	S.-Cu. E	7	Ci.-S.	Cu.-N. NE
12..	Calm	....	N	1	N	2	ESE	4	SE	2	SE	3	2	3	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu.-N. E
13..	N	2	Calm	....	N	2	ESE	4	ENE	1	ESE	1	1.7	2	Ci.-S.	Cu.-N.	4	Ci.-S. ENE	Cu.-N. E
14..	E	1	NW	1	ESE	3	ESE	3	E	2	NE	1	1.8	4	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. SE
15..	ENE	2	N	1	N	3	ESE	4	ESE	3	ENE	1	2.3	3	Ci.-S.	Cu.-N. SSE	3	Ci.-S.	Cu.-N. E
16..	N	1	NNE	1	ENE	2	ESE	4	ESE	3	ENE	3	2.3	2	Ci.-S.	Cu.-N. E	8	.....	Cu.-N. NE
17..	Calm	....	Calm	....	NE	2	ESE	1	ESE	3	ESE	1	1.2	10	.....	Cu.-N. E	10	.....	Cu.-N. E
18..	NE	1	N	1	N	2	ESE	1	ESE	3	E	1	1.5	10	.....	Cu.-N. SSE	6	A.-Cu.	Cu.-N. SE
19..	NNW	1	Calm	....	NE	3	ESE	4	E	2	ENE	1	1.8	3	.....	Cu.-N. E	3	Ci. SE	Cu.
20..	N	1	NW	1	E	2	SE	3	NE	3	NNW	1	1.8	2	Ci.	S.	2	Ci.	Cu.
21..	N	1	Calm	....	NNW	2	E	4	ESE	4	ESE	2	2.2	3	Ci.	Cu.-N.	5	A.-Cu.	Cu.-N. E
22..	NE	1	Calm	....	NW	1	NE	3	NE	1	NE	1	1.5	1	Ci.	Cu. E	5	A.-Cu.	Cu.-N.
23..	NE	1	NE	1	NNE	2	ESE	2	ESE	2	ESE	2	1.7	2	Ci.	Cu. E	8	Ci.-S.	Cu.-N. E
24..	N	1	Calm	....	ESE	1	ESE	4	ESE	2	NE	2	1.7	6	Ci.	Cu.-N. E	6	A.-Cu.	Cu.-N. E
25..	NE	2	Calm	....	E	2	E	2	E	3	E	2	1.8	8	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.-N. E
26..	NW	1	NW	1	Calm	....	ESE	3	ESE	3	NE	2	1.7	7	Ci.	Cu.-N. E	9	Ci.-S.	Cu.-N. ESE
27..	NE	1	NW	1	ESE	3	SW	2	S	2	NW	1	1.7	5	A.-Cu.	Cu. E	5	A.-Cu.	Cu.-N.
28..	NW	1	NW	1	N	2	ESE	3	ESE	3	ESE	2	2	1	Ci.	S.-Cu.	5	A.-Cu.	Cu. E
29..	NE	1	Calm	....	N	3	NE	3	NE	4	NE	2	2.2	3	Ci.	Cu.	5	A.-Cu.	Cu.-N. NE
30..	NE	1	NE	1	NE	2	NE	2	NNW	4	NNW	2	2	2	Ci.	Cu. E	7	A.-Cu.	Cu. E
31..	NNW	2	N	1	NE	3	NE	2	S	2	NE	2	2	2	Ci.	Cu. E	3	A.-Cu.	Cu. E
Mean	.....	0.8	.....	0.5	.....	2.1	.....	3.3	.....	2.6	.....	1.3	1.8	3.8	.....	.....	5.1	.....	.....

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

APRIL, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	60.04	60.65	61.17	58.16	58.49	60.41	59.82	24.5	23	29.1	32.9	28.9	26	27.4	33.6	22.7	92	96	65	48	62	79	73.7	.....
2..	59.50	59.88	60.41	57.28	57.91	59.90	59.15	24.2	23.4	29.6	32.9	29	26.5	27.6	34	22.8	90	91	64	52	61	76	72.3	.....
3..	58.74	59.20	59.99	56.82	57.32	60.22	58.72	25.1	24	30.1	34.4	29.8	26.5	28.3	35.4	23.4	84	91	62	46	66	83	72	.....
4..	59.04	59.61	60.19	57.95	58.17	59.94	59.15	24.8	23.9	30.5	32.1	28.9	24.5	27.4	33.1	22.6	90	94	63	50	49	71	69.5	.....
5..	59.44	59.79	60.57	57.96	57.82	60.01	59.26	22.4	21.1	30.8	34.5	29.8	25.4	27.3	34.6	20.4	83	94	58	45	54	77	68.5	.....
6..	58.86	59.11	59.63	57.53	57.74	59.71	58.76	23.6	22.4	30.8	32.9	28.8	26.2	27.4	33.6	21.9	86	91	58	53	59	71	69.7	.....
7..	58.57	58.83	59.54	56.64	56.83	59.49	58.32	24.5	22.5	31	35	30	26.2	28.2	35.4	22.1	82	91	59	44	59	78	68.8	.....
8..	58.35	58.36	58.71	56.85	57.34	59.51	58.19	25.5	23	29.7	31.4	27	26.8	27.2	32.9	22.4	81	91	64	54	68	71	71.5	.....
9..	58.22	58.38	59.23	56.38	57.09	59.34	58.11	23.9	22.5	30.5	33.5	28.8	25	27.4	35	21.9	87	91	63	52	68	93	75.7	1.8
10..	59	58.98	59.77	56.50	56.87	58.96	58.35	24.2	23.5	29.9	32.7	30	24	27.4	34.6	23	97	96	66	54	68	91	78.7	2.3
11..	57.76	57.74	58.14	55.73	55.80	57.65	57.14	23.8	22.5	30.5	33.4	30.2	27.1	27.9	34.1	22.4	93	96	63	51	60	78	72.7	.....
12..	57.04	57.34	57.90	54.93	55.50	58.03	56.79	25.4	25	31.6	35.5	31	26.8	29.2	36	24.6	84	87	59	47	65	81	70.5	.....
13..	56.91	57.95	58.92	56.41	56.79	59.29	57.71	26	25.4	31.8	35.4	31.6	26	29.4	36	24.6	85	88	53	46	60	85	69.5	.5
14..	58.79	59	59.53	56.65	58.63	60.40	58.83	25	24.5	30.6	35	26.7	24.2	27.7	36	23.2	88	91	68	46	74	90	76.2	.....
15..	59.06	59.23	59.47	55.98	57.09	59.16	58.33	23.5	23	29.4	34.1	26.6	24.8	26.9	34.9	22.4	91	93	66	55	84	92	80.2	3.8
16..	57.43	58.06	58.53	55.53	56.54	58.16	57.38	24	23.1	29.6	34.1	27.9	26.2	27.5	35	22.7	95	96	76	55	74	85	80.2	.....
17..	57.54	58.14	58.87	56.01	57.45	58.91	57.82	26	25	30	33.4	25.4	24.5	27.4	35.9	23.4	85	92	68	57	90	92	80.7	9.4
18..	57.78	58.58	59.23	56.08	57.10	59.57	58.06	23.4	23.1	29.6	34.5	26.3	26	27.2	35	22.6	93	96	70	49	79	84	78.5	2.8
19..	58.30	58.10	59.16	56.34	56.53	59.40	57.97	25	24.3	29.8	33	27.9	26.7	27.8	33.9	23.9	92	96	74	59	84	86	81.8	16.8
20..	58.20	58.07	58.74	56.44	56.32	58.40	57.70	24.2	23.8	30.1	33.8	30.6	26.1	28.1	34.4	23.4	95	97	67	54	65	79	76.2	.....
21..	57.69	57.92	58.26	55.60	56.22	58.47	57.36	24.8	23.3	30.1	33.7	30	26.1	28	35	22.9	87	94	67	55	56	79	73	.....
22..	57.74	57.98	58.59	55.92	55.60	57.58	57.24	24	22.5	31.1	34.1	32	28	28.6	35.1	22	91	96	60	41	51	73	68.7	.....
23..	57.15	57.17	58.07	55.79	55.65	58.14	57	25.4	23.9	30.5	35.4	32.9	29.6	29.6	36.6	23.4	88	92	65	47	50	67	68.2	.....
24..	57.63	58.13	58.99	56.29	57.31	59.31	57.94	26.8	25.6	31.9	35.5	31.6	26.7	29.7	36.2	25.1	84	91	64	49	65	83	72.7	.....
25..	58.64	58.60	59.52	56.89	57.13	58.93	58.28	25.4	24.2	31.5	34.5	30	28	28.9	35.3	23.9	88	95	66	47	61	71	71.3	.....
26..	58.04	58.44	58.92	56.53	56.56	58.71	57.87	27.6	24.9	31	34.4	30.5	26	29.1	35.9	24	73	89	59	48	60	87	69.3	19.3
27..	57.87	58.09	59.01	56.78	56.70	58.28	57.79	25	24.9	29.3	33.2	30.6	27.8	28.5	33.9	24.1	95	94	74	56	68	79	77.7	.....
28..	57.44	57.79	58.61	56.06	56.74	58.21	57.48	26	24.9	30.2	34	26.6	26.5	28	34.4	24.5	88	92	70	50	77	86	77.2	.....
29..	57.31	57.98	58.12	55.76	55.91	57.65	57.12	25	24.2	30.4	33.6	29.2	26.5	28.2	33.9	23.6	92	93	66	55	70	80	76	.....
30..	56.55	57.41	58.01	55.60	57.76	58.89	57.37	24.5	23.6	31	34.8	24.4	24	27	35	23	87	93	58	48	90	91	77.8	20.3
Mean	58.15	58.48	59.13	56.45	56.96	59.02	58.03	24.8	23.7	30.4	33.9	29.1	26.2	28	34.8	23.1	88.2	92.9	64.5	50.4	66.6	81.1	74	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	77

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Mean force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	NW	1	NW	1	NE	1	SE	3	SE	2	NW	1	1.5	2	Ci.	S.-Cu.	6	A.-Cu.	Cu.-N. NE
2..	NW	1	NW	1	NW	1	E	2	E	3	NE	1	1.5	0	Ci.	.....	5	A.-Cu.	Cu.-N. E
3..	Calm	....	Calm	....	NW	2	SE	1	SE	1	NE	2	1	4	Ci.	S.-Cu.	5	Ci.	cu.-N. ESE
4..	NE	1	Calm	....	ESE	2	ESE	4	ESE	4	E	2	2.2	5	Ci.	Cu.-N.	3	A.-Cu.	Cu.-N.
5..	NE	1	NW	1	E	2	ESE	3	ESE	2	NE	1	1.7	1	Ci.	S.-Cu.	4	Ci.	Cu.-N. E
6..	NE	1	NE	1	E	3	E	4	E	2	N	2	2.2	2	Ci.	.....	4	Ci.	Cu.-N.
7..	NW	2	NW	1	E	1	ESE	2	ESE	2	Calm	....	1.3	0	Ci.	.....	3	Ci.	Cu.-N.
8..	NW	1	NW	1	NE	2	E	4	E	4	E	1	2.2	7	Ci.-S.	Cu.-N. E	6	Ci.	Cu.-N. E
9..	NNW	1	NNW	1	E	3	E	3	E	2	NNW	1	1.8	1	A.-Cu.	.....	5	Ci.	cu.-N. ESE
10..	NNW	1	NNW	1	NE	1	NE	3	S	1	NNW	2	1.5	6	Ci.	S. NE	6	A.-Cu.	Cu. E
11..	NNW	1	NNW	1	NE	2	E	4	E	2	E	1	1.8	1	Ci.	u.-N.	4	A.-Cu.	Cu.-N. E
12..	NE	1	Calm	....	SE	2	SE	3	SE	2	SE	2	1.7	5	Ci.	S.-Cu. ESE	5	A.-Cu.	Cu. SE
13..	E	1	Calm	....	SSE	2	SSW	3	SSW	2	Calm	....	1.3	6	A.-Cu.	Cu.-N. SSE	5	A.-Cu.	cu.-N. SSE
14..	N	1	N	1	NW	2	SW	2	NE	4	N	1	1.8	6	Ci.	Cu.-N.	4	A.-Cu.	Cu.-N.
15..	N	1	N	1	N	1	NE	2	NW	2	NW	1	1.3	2	Ci.	Cu.-N.	4	A.-Cu.	Cu.-N.
16..	NW	1	Calm	....	NE	1	N	2	NW	1	NW	1	1	3	Ci.	S.	5	A.-Cu.	Cu.-N.
17..	N	1	Calm	....	NW	1	NE	2	N	2	N	1	1.2	10	Ci.-S.	S. NNW	5	Ci.	Cu.-N.
18..	Calm	....	Calm	....	NE	1	S	1	NE	2	Calm	....	.7	4	Ci.	S.-Cu.	4	Ci.	Cu.-N. S
19..	SE	1	NE	1	NE	1	NE	1	NE	1	NW	2	1.2	5	Ci.	Cu.-N.	5	Ci.-S.	cu.-N. ESE
20..	NE	1	NE	1	E	1	NE	2	NE	1	N	2	1.3	3	Ci.	Cu.-N.	3	A.-Cu.	Cu. ESE
21..	N	1	NE	1	NE	1	NE	2	E	2	Calm	....	1.2	4	Ci.	Cu.-N.	4	A.-Cu.	cu.-N. ESE
22..	N	1	N	1	SE	1	NE	2	Calm	....	Calm	....	.8	2	Ci.	S.	3	Ci.	Cu.-N.
23..	NW	1	N	1	NE	1	NE	1	SSW	1	Calm	....	.8	1	Ci.	.....	3	A.-Cu.	Cu. ESE
24..	Calm	....	Calm	....	NNW	2	NNW	2	NW	2	NNW	2	1.3	4	Ci.	S.-Cu.	3	A.-Cu.	Cu.-N.
25..	NW	1	NW	1	NW	2	NE	2	E	2	Calm	....	1.3	6	Ci.	Cu.-N.	3	Ci.	Cu.-N.
26..	Calm	....	N	1	E	2	NE	2	E	3	N	1	1.5	6	Ci.-S.	Cu.-N.	4	A.-Cu.	Cu.-N.
27..	Calm	....	Calm	....	S	1	SE	2	SW	1	N	1	.8	3	Ci.	Cu.-N.	4	Ci.	Cu.-N.
28..	Calm	....	Calm	....	WNW	1	S	2	S	3	Calm	....	1	5	Ci.	S.	2	Ci.	Cu.-N.
29..	N	1	NNW	1	NE	2	ESE	3	ESE	2	E	1	1.7	6	Ci.-S.	Cu.-N.	4	Ci.	Cu.-N.
30..	NE	1	N	1	ESE	2	ESE	2	E	2	E	1	1.5	5	Ci.	Cu. E	5	A.-Cu.	Cu. ESE
Mean	.....	0.8	.....	0.7	.....	1.6	.....	2.4	.....	2	.....	1	1.4	3.8	.....	.....	4.2	.....	.....

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

MAY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct*	*P.ct.*	*mm.*
1..	57.41	57.81	58.83	56.69	57.06	59.34	57.86	22.8	22.1	28.5	32.5	30.6	27	27.2	33.4	21.7	93	96	77	58	64	84	78.7	.....
2..	58.04	58.46	59.53	56.47	58.32	59.43	58.38	25.5	24.4	30.4	34.1	23.7	24	27	34.6	23.1	92	95	65	50	94	96	82	41.4
3..	58.06	57.88	58.75	55.56	55.91	58.89	57.51	23.9	23.8	28	32.4	28.8	24.4	26.9	33	23	96	97	71	64	79	88	82.5	.....
4..	57.33	58.53	59.18	56.29	56.86	58.89	57.85	23	22.8	29.1	32.5	28.4	27	27.1	33.5	22.5	93	93	74	62	75	77	79	.....
5..	57.84	58.46	59.70	57.07	57.26	59.08	58.24	25.8	24.9	29	31.6	29	26.4	27.8	32.4	24.2	79	87	72	66	71	86	76.8	.....
6..	58.32	58.46	58.69	56.41	57.22	59.89	58.16	25	24	30.3	34	28.6	24.6	27.8	34.6	23.3	88	94	72	58	73	93	79.7	9.9
7..	58.24	58.22	59.37	56.60	57.29	59.19	58.15	25	24.5	30.5	31.4	26	25	27.1	33.4	24	95	97	68	62	90	93	84.2	.5
8..	58.05	58.21	58.83	56.65	57.41	59.81	58.16	24.8	24	30.6	33.6	28.5	26	27.9	33.6	23.4	93	94	65	58	81	88	79.8	.....
9..	57.94	58.66	59.26	56.97	58.24	59.78	58.48	25	24.2	30	33	28.2	26.6	27.8	34	23.4	92	95	75	57	80	87	81	.....
10..	58.26	58.66	59.03	57.56	57.72	59.07	58.38	25.4	24.6	31.5	28.5	27.6	26	27.3	33.6	24	93	95	69	78	83	89	84.5	.....
11..	57.92	57.81	58.01	55.64	56.84	58.29	57.42	25	24.1	30.4	34.4	29.5	27.2	28.4	34.9	23.5	92	96	72	51	72	87	78.3	.....
12..	57.81	58.32	59.28	56.68	57.27	59.59	58.16	26.2	25.4	31	33.4	30.6	25.4	28.7	35.1	24.4	92	95	65	54	68	92	77.7	26.2
13..	58.41	58.84	58.89	56.95	59.07	60.09	58.71	25.4	25.4	30.4	34.3	27.4	26	28.2	34.4	24.2	93	93	74	55	78	85	79.7	.....
14..	59.39	59.90	60.41	57.41	59.12	61.08	59.55	24.8	24.3	30.2	34.1	26	24.8	27.4	34.6	23.6	92	93	73	57	81	88	80.7	.....
15..	60.13	60.78	60.36	57.93	58.20	60.15	59.59	24	23.6	31	34.4	31.5	26.2	28.4	34.6	23	91	91	69	54	63	90	76.3	.....
16..	59.66	60.48	60.17	57.60	58.28	60.27	59.41	24.4	24	31.4	33.5	30.2	26	28.2	34.5	23	91	91	65	55	50	76	71.3	.....
17..	59.65	60.02	60.38	57.68	58.75	60.52	59.50	24.4	23.1	31.2	34.7	30.6	27.6	28.6	35.2	21.9	80	91	63	48	65	80	71.2	.....
18..	59.71	60.54	61.28	58.65	58.64	60.46	59.88	25.6	24	31.7	34.8	31.4	26.8	29	35.4	23	87	91	57	40	43	67	64.2	.....
19..	59.16	60.08	60.43	57.58	57.54	59.29	59.01	25.8	22.7	32	35.1	31.6	27	29	36	21.3	78	89	51	34	53	77	63.7	.....
20..	57.86	58.03	58.85	56.78	57.02	59.36	57.98	24.6	23.5	32.2	34.6	30	24.8	28.3	36	22.5	87	90	63	52	65	88	74.2	3.3
21..	58.06	57.85	58.78	56.21	57.21	59.47	57.93	24	23.3	31	33.5	27	26	27.5	34.9	22.7	91	94	67	58	78	84	78.7	1
22..	58.51	58.54	59.31	57.17	57.97	59.46	58.49	24	23.6	31.4	32.2	28	26.5	27.6	34.2	23.1	95	95	63	57	74	79	77.2	.....
23..	58.84	59.10	60.02	58.79	59.31	60.34	59.40	24.7	24	31.5	29	26.5	25	26.8	32.4	23.4	92	95	63	69	80	88	81.2	.....
24..	59.06	59.32	59.67	56.93	57.32	60.10	58.73	24	23.2	30.4	33.7	30.5	23.6	27.6	34.5	22.8	91	93	65	50	62	95	76	50.8
25..	58.73	58.68	58.84	56.39	57.13	59.03	58.13	23.6	23.6	28.9	32.4	24.4	24.5	26.2	32.6	23	97	97	78	63	92	94	86.8	8.9
26..	58.25	58.48	59.08	57.23	58.01	59.84	58.48	24	23.5	29.8	27.6	26.6	24.4	26	32.5	23.4	97	96	74	84	95	96	90.3	2.3
27..	59.08	59.23	59.84	57.77	58.17	59.59	58.95	24	24	30.2	32	30	25.2	27.6	33.4	23	97	96	74	65	77	93	83.7	27.2
28..	58.87	58.83	59.23	56.80	57.15	58.94	58.30	25	24.5	30.1	31	27.7	26.7	27.5	33.4	23.8	95	96	74	76	91	91	87.2	5.3
29..	58.34	58.79	58.77	56.29	56.43	58.44	57.84	25	24	29.4	32.9	30.6	26.5	28.1	33.3	23.6	95	96	76	64	72	93	82.7	.3
30..	57.36	58.25	58.92	56.80	57.09	58.25	57.78	25.7	24.8	30.8	33	27.4	26.6	28	33.4	24.2	94	97	77	67	81	87	83.8	.3
31..	57.51	58.79	59.31	56.76	57.91	59.39	58.28	26.1	25.4	31.4	34.1	26.5	25.7	28.2	34.4	24.8	94	95	68	59	84	92	82	.....
Mean	58.45	58.84	59.39	56.98	57.67	59.53	58.47	24.7	24	30.5	32.8	28.5	25.8	27.7	34.1	23.3	91.5	94	69	58.9	74.6	87.2	79.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	177.4

Day.	Wind.													Clouds.					
	2a. m.		6a. m.		10a. m.		2p. m.		6p. m.		10p. m.		Mean force.	6a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction.		Amount.	Form and direction.	
															Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	N	1	N	1	N	1	N	2	NE	2	N	1	1.3	7	Ci.-S.	S. NW	4	Ci.	Cu. WNW
2..	N	1	N	1	N	1	N	1	ENE	2	Calm	....	1	4	Ci.	S.	3	Ci.	Cu.-N.
3..	Calm	....	N	1	N	1	NW	2	SW	1	NW	1	1	3	Ci.	Cu.-N.	3	A.-Cu.	Cu.-N.
4..	NW	2	NW	1	N	2	N	2	SW	1	N	1	1.5	4	Ci.	S.	2	Ci.	Cu.-N.
5..	E	1	Calm	....	NE	3	SE	2	SE	2	NE	1	1.5	6	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.-N.
6..	N	1	N	1	SE	1	SE	1	SW	3	N	2	1.5	5	Ci.	Cu.-N.	3	Ci.	Cu.-N.
7..	N	1	N	1	SE	1	SE	2	SSE	2	N	1	1.3	7	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.-N. S
8..	N	1	N	1	SSE	2	SSW	2	SSW	1	N	1	1.3	4	Ci.	Cu.-N.	4	Ci.	Cu.-N.
9..	N	1	N	1	SSE	1	SSE	2	NW	1	Calm	....	1	4	Ci.	Cu.-N.	5	Ci.	Cu.-N. S
10..	Calm	....	NE	1	S	1	NW	2	NE	2	Calm	....	1	6	Ci.	Cu.-N.	10	Ci.-S.	Cu.-N. SW
11..	NE	1	Calm	....	S	1	SSW	3	SSW	1	Calm	....	1	5	Ci.-S.	Cu.-N.	4	A.-Cu.	Cu.-N. SW
12..	Calm	....	Calm	....	NW	1	S	1	S	1	S	1	.7	7	Ci.-S.	Cu.-N.	7	Ci.	Cu.-N. SW
13..	S	1	Calm	....	NW	1	S	2	S	1	S	1	1	5	Ci.	Cu.-N.	5	Ci.-S.	Cu.-N.
14..	S	1	S	1	SE	1	S	1	SSE	1	N	1	1	6	Ci.	Cu.-N.	3	Ci.	Cu.-N.
15..	N	1	Calm	....	E	1	E	2	SE	2	Calm	....	1	6	Ci.	S.-Cu. NE	3	Ci.	Cu.-N.ESE
16..	Calm	....	N	2	NE	1	NE	2	SE	1	NE	1	1.2	2	Ci.	Cu.-N.	4	Ci.	Cu. ESE
17..	N	1	N	1	NE	2	SE	2	Calm	....	Calm	....	1	3	Ci.	Cu.-N.	2	Ci.	Cu. SE
18..	N	1	N	1	NE	1	SE	2	ESE	2	E	1	1.3	3	Ci.	Cu. E	2	A.-Cu.	Cu.-N.
19..	Calm	....	N	1	SE	1	E	2	SE	1	Calm	....	.8	2	Ci.	Cu.-N.	2	A.-Cu.	Cu.-N.
20..	N	1	N	1	E	1	SE	3	SE	2	SE	1	1.5	1	Ci.	.....	3	Ci.	Cu.-N.
21..	N	1	N	1	N	1	SE	2	Calm	....	N	2	1.2	3	Ci.	S.	6	Ci.	Cu.-N. SE
22..	N	1	N	1	E	1	ESE	3	ESE	2	Calm	....	1.3	3	Ci.	Cu.-N.	8	Ci.-S.	Cu.-N. SE
23..	N	1	N	1	SE	3	SE	3	SE	2	SE	1	1.8	7	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.SSE
24..	Calm	....	N	1	N	2	NW	2	N	1	N	2	1.3	4	Ci.	Cu.-N.	4	Ci.-S.	Cu.-N.
25..	N	1	Calm	....	S	1	S	1	S	1	S	1	.8	9	Ci.	Cu.-N. S	6	Ci.	Cu.-N. S
26..	Calm	....	N	1	SSW	2	S	2	Calm	....	Calm	....	.8	5	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. S
27..	N	1	Calm	....	E	1	SE	1	S	1	Calm	....	.7	3	Ci.	Cu.-N.	6	Ci.-S.	Cu.-N. SE
28..	N	1	Calm	....	E	1	SE	2	NE	1	N	1	1	4	Ci.	Cu.-N.	6	A.-Cu.	Cu.-N. SE
29..	Calm	....	N	1	NE	1	E	1	E	2	NE	2	1.2	2	Ci.	Cu.-N.	5	Ci.	Cu. ESE
30..	NE	1	NE	1	ESE	2	ESE	2	S	1	NE	1	1.3	4	Ci.	Cu. NE	5	Ci.	Cu.-N. SE
31..	Calm	....	NE	1	NE	1	E	1	E	1	Calm	....	.7	3	Ci.	Cu.-N.	4	Ci.	Cu.-N.ESE
Mean	.....	0.7	.....	0.8	.....	1.3	.....	1.9	.....	1.3	.....	0.8	1.1	4.4	.....	.....	4.8	.....	.....

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

JUNE, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.29	59.28	59.66	57.15	57.33	59.87	58.60	25	24.8	29.8	32.7	29.6	25	27.8	33	23.8	96	97	75	65	74	96	83.8	14.7
2..	58.46	59.02	59.04	56.77	57.98	58.75	58.34	24.6	23.6	29	31	24.8	24.4	26.2	32.3	23.2	97	97	81	71	95	94	89.2	5.1
3..	57.96	58.07	58.49	56.43	57.51	58.94	57.90	24.2	24	30.2	30.6	26.6	24	26.6	33.4	23.4	95	95	73	68	83	93	84.5	.....
4..	57.91	57.96	57.85	56.56	57.91	59.01	57.86	23.6	23.5	30.8	33.5	26	25.4	27.1	34	22.7	95	96	71	54	92	90	83	2.8
5..	58.03	58.78	59.49	57.59	57.24	59.39	58.42	25	24.5	30.7	32.6	29.4	27	28.2	33.4	23.6	92	92	74	59	79	89	80.8	3
6..	58.85	59.24	59.62	57.28	57.57	59.66	58.70	26.2	26	30.5	34	28.5	25.6	28.5	34.2	24.7	92	92	72	62	81	91	81.7	7.6
7..	58.79	59	59.21	57.20	57.28	59.37	58.48	25	24.6	30.9	33.9	30.3	26.6	28.6	34	23.8	92	93	69	59	60	82	75.8	.....
8..	58.44	58.71	59.12	57.54	57.83	59.89	58.59	25.4	24.2	31.6	31.5	29.9	26.4	28.2	33.7	23.7	88	91	66	73	69	86	78.8	1.1
9..	58.91	59.65	59.92	58.02	57.81	59.71	59	24.8	24	31.1	33.4	30.4	26	28.3	34	23.4	92	95	69	59	61	85	76.8	.....
10..	58.93	59.27	59.09	57.91	58.29	59.87	58.89	24.4	23.2	31.7	32.6	27.5	25.5	27.5	34	22.4	92	93	65	66	84	93	82.2	6.4
11..	58.70	58.86	58.57	57.56	57.27	58.49	58.24	24.6	24.2	29.6	30.9	30	27	27.7	32.5	23.1	95	95	77	65	62	78	78.7	.....
12..	57.61	58.39	58.61	57.05	57.18	58.51	57.89	26	25	30.5	32.7	29.5	25.5	28.2	33.3	24.4	84	88	71	57	71	84	75.8	1
13..	57.54	58.16	58.27	56.86	56.84	58.14	57.64	24	23.8	31	33	29.5	26.6	28	34	23	91	91	62	55	61	80	73.3	.....
14..	57.86	58.66	58.87	57.46	57.38	59	58.20	24	23.6	31.4	30.1	29.5	26.6	27.5	33.3	22.5	91	91	60	63	64	84	75.5	.....
15..	58.84	59.46	59.83	57.59	58.19	60.56	59.08	24.8	24	29	33.5	26	25.2	27.1	34.9	23.5	88	91	76	52	87	92	81	13.2
16..	59.03	58.60	58.87	56.48	56.27	58.51	57.96	24.2	23.8	30.7	34	27.4	26.5	27.8	34.4	22.9	93	95	73	60	89	88	83	21.1
17..	57.46	57.86	57.96	55.25	55.72	58.01	57.04	25.4	25	30.7	33.6	30.6	25.5	28.5	34	24	93	93	72	61	72	88	79.8	.....
18..	57.04	57.40	58.07	55.65	57.29	58.87	57.39	24.8	24.4	31	34.5	26.8	24.2	27.6	34.6	23.4	92	91	75	56	78	94	81	7.1
19..	58.16	58.86	59.49	57.22	58.40	59.93	58.68	23.8	23.6	29.7	32	24.4	24.2	26.3	33.1	22.7	96	97	80	66	92	94	87.5	5.6
20..	59.06	59.37	59.87	58.05	58.47	60.01	59.14	24	23.6	29.7	32.6	28	25.5	27.2	33	23.1	97	98	77	65	88	94	86.5	.5
21..	58.89	59.06	59.03	57.10	57.44	59.27	58.46	25	24.5	29.5	33.4	28.4	25.2	27.7	33.9	24	95	96	75	59	75	92	82	1.5
22..	58.62	58.56	58.19	56.45	57.84	58.98	58.11	24.5	24.4	28.6	30.3	24.2	23.8	26	32.5	23.3	92	92	80	67	95	95	86.8	11.9
23..	57.82	57.76	58.14	56.33	57.08	58.86	57.66	23.5	23	28.6	32	25.4	24	26.1	32.5	22.3	96	96	77	66	84	96	85.8	1.3
24..	58.43	58.42	58.23	56.74	57.52	59.50	58.14	23.8	23.6	28.9	32.5	26.6	24.5	26.6	32.9	22.7	97	97	79	60	83	93	84.8	17.8
25..	57.86	58.28	57.33	56	56.93	57.84	57.36	23.5	23.5	29	31	28	25.5	26.8	32	22.8	97	97	74	67	81	84	83.3	2.5
26..	57.03	56.46	56.61	54.69	56.36	57.66	56.47	24	23.9	27.6	30.7	24.2	23.5	25.6	32	22.6	97	97	81	70	95	97	89.5	54.1
27..	56.56	56.73	57.96	56.86	58.14	59.93	57.70	23.2	23.5	26.9	27	25	23.8	24.9	28.2	22.6	97	97	88	84	92	95	92.2	27.1
28..	58.32	58.89	59.69	58.31	58.62	60.79	59.10	23.5	23	28	29.7	28.6	26	26.5	30.5	22.6	96	96	85	75	80	84	86	.....
29..	59.74	59.46	59.54	57.57	57.92	59.57	58.97	24.5	23.6	28	32.4	25.6	24.6	26.4	33.1	23.1	92	95	80	66	96	95	87.3	20.6
30..	58.80	58.82	59.24	57.39	57.82	58.89	58.49	24.2	24.4	29.9	27	27.5	24.2	26.2	32.7	23.5	97	97	75	84	81	95	88.2	7.3
Mean	58.26	58.57	58.79	56.97	57.51	59.19	58.22	24.4	24	29.8	32	27.6	25.3	27.2	33.1	23.2	93.6	94.4	74.4	64.5	80.1	90	82.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	233.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p.m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Mean force.	Amount.	Form and direction.		Amount.	Form and direction.	
															Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	NE	1	NE	1	E	1	SE	2	SE	2	NE	1	1.3	6	A.-Cu.	Cu.-N. SE	5	Ci.-S.	Cu.-N. SSE
2..	N	1	N	1	SE	1	S	3	NE	2	N	2	1.7	8	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. S
3..	N	1	Calm	....	N	1	NE	2	N	3	NW	1	1.3	8	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
4..	NW	1	NW	1	NE	2	ESE	2	ESE	2	NW	2	1.7	5	Ci.	Cu.-N.	4	Ci.	Cu.-N SE
5..	N	1	N	1	SE	1	SE	2	Calm	....	Calm	....	.8	5	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.-N. SE
6..	N	1	N	1	E	1	E	1	SE	1	N	1	1	5	Ci.	S.-Cu. SE	4	Ci.	Cu.-N.
7..	N	1	N	1	E	1	E	1	E	2	Calm	....	1	3	Ci.	S.-Cu.	3	A.-Cu.	Cu. E
8..	N	1	N	1	E	1	SE	2	SE	1	E	1	1.2	2	Ci.	.....	5	Ci.	Cu.-N. SE
9..	E	1	E	1	SE	1	SE	1	E	2	E	1	1.2	2	Ci.	S.-Cu. ESE	3	Ci.	Cu.-N. SE
10..	N	1	NE	1	E	2	SE	2	Calm	....	Calm	....	1	2	Ci.	Cu. E	5	Ci.	Cu.-N. SE
11..	N	1	N	1	NE	3	E	4	ESE	4	Calm	....	2.2	4	A.-Cu.	S.-Cu. ESE	8	Ci.-S.	Cu.-N. ESE
12..	E	1	E	1	NE	2	E	3	E	2	Calm	....	1.5	7	Ci.-S.	Cu.-N. ESE	5	Ci.	Cu.-N. ESE
13..	N	1	Calm	....	E	3	E	4	E	3	Calm	....	1.8	3	Ci.	Cu. ESE	5	Ci.	Cu.-N. ESE
14..	N	1	N	1	E	2	ESE	4	ESE	4	Calm	....	2	2	Ci.	Cu. ESE	9	Ci.-S.	Cu.-N. SE
15..	N	1	Calm	....	SE	1	SE	1	SE	2	Calm	....	.8	5	Ci.	S.-Cu. SE	3	Ci.	Cu. SE
16..	NE	1	Calm	....	NE	1	NE	1	NE	1	Calm	....	.7	1	Ci.	.....	3	A.-Cu.	Cu. E
17..	Calm	....	Calm	....	S	1	SW	1	S	2	NE	2	1	2	Ci.	Cu.	2	Ci.	Cu.-N.
18..	N	1	N	1	SE	1	S	2	SE	2	Calm	....	1.2	1	Ci.	.....	5	Ci.	Cu.-N. S
19..	N	1	NE	1	S	2	S	2	S	2	Calm	....	1.3	3	Ci.	S.-Cu.	8	Ci.-S.	cu.-N. SSW
20..	Calm	....	Calm	....	S	1	S	3	S	2	Calm	....	1	4	Ci.	S.	5	Ci.	cu.-N. SSW
21..	N	1	Calm	....	S	2	SSW	2	SSW	2	SSW	1	1.3	8	Ci.-S.	Cu.-N.	5	Ci.	Cu. SW
22..	Calm	....	Calm	....	NW	1	WNW	3	WNW	2	Calm	....	1	8	Ci.-S.	Cu.-N. SW	8	Ci.-S.	Cu.-N. SW
23..	N	1	N	1	SW	1	S	2	SW	2	NW	2	1.5	3	Ci.	Cu.-N.	6	Ci.	Cu. S
24..	NW	1	Calm	....	NE	2	SE	2	SE	1	SE	3	1.5	5	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.-N.
25..	SE	1	Calm	....	SE	1	SE	2	SE	1	SE	1	1	5	Ci.	Cu.-N.	7	Ci.-S.	Cu.-N. SE
26..	Calm	....	Calm	....	SE	1	S	1	S	2	S	1	.8	8	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
27..	S	1	S	1	S	4	S	4	S	2	S	1	2.2	9	Ci.	S.-Cu. S	10	Ci.-S.	N. SSW
28..	S	1	Calm	....	SSW	1	SSW	1	SSW	1	SSW	1	.8	9	Ci.-S.	cu.-N. SSW	9	Ci.-S.	Cu. SSW
29..	Calm	....	Calm	....	N	1	SE	1	E	1	N	1	.7	8	Ci.	Cu.-N.	6	Ci.	Cu.-N. SE
30..	NW	1	NW	1	N	1	ESE	2	ESE	2	ESE	1	1.3	4	Ci.	Cu. N	7	Ci.-S.	Cu.-N. ESE
Mean	.....	0.8	.....	0.6	.....	1.5	.....	2.1	.....	1.8	.....	0.8	1.3	4.8	.....	.....	5.8	.....	.....

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

JULY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.82	58.78	58.66	57.11	57.44	58.80	58.10	23.6	24	27	30.5	24.6	24.2	25.6	31.2	23.1	96	97	86	74	95	95	90.5	20.3
2..	57.16	57.88	58.15	56.39	56.75	58.87	57.53	24.4	24.6	25.7	31	25.4	24.8	26	31.6	23.4	95	97	93	76	92	90	90.5	38.9
3..	57.13	57.47	57.80	56.17	56.46	57.94	57.16	23.8	23.5	28.6	28.4	26.8	25.6	26.1	31.4	23	95	96	83	85	89	93	90.2	1.3
4..	56.73	56.76	57.04	55.89	56.16	57.03	56.60	24.6	24.2	29.6	27	25.2	24.4	25.8	31.7	23.6	95	95	77	84	95	95	90.2	14.2
5..	55.80	55.68	56.25	54.60	55.42	56.46	55.70	24	23.7	28.8	30	26.6	24.4	26.2	30.7	23.2	97	97	82	76	88	95	89.2	19.3
6..	55.53	55.89	55.89	56	55.33	57.26	55.98	23.7	23.5	28.7	26.2	25.7	24.5	25.4	29.4	23	96	96	83	89	88	92	90.7	3.6
7..	56.32	56.33	56.39	55.24	55.70	57.41	56.23	23.6	23.5	28.2	27.6	27	24.5	25.7	31.1	23	96	96	79	91	86	92	90	11.2
8..	56.23	56.34	56.80	55.50	55.54	56.74	56.19	23.5	23.5	28.1	28.6	26.6	25.2	25.9	30	23	92	96	81	81	88	95	88.8	.5
9..	56.30	56.41	57.13	55.70	55.70	56.80	56.34	24.8	24.5	24	27.6	26.7	24.8	25.4	29.2	23.3	97	96	95	87	86	95	92.7	28.7
10..	56.06	56.48	56.96	55.98	56.62	57.08	56.53	24	23.8	27	24.1	24.2	23.6	24.4	30.4	23	95	95	84	94	95	97	93.3	47.2
11..	55.88	56.22	57.01	56.15	56.34	56.76	56.39	23.2	23.4	27	25.5	24.8	24.5	24.7	28.9	22.6	98	98	86	92	93	94	93.5	8.6
12..	55.58	55.38	55.66	54.82	55.38	56.17	55.50	23.5	23.2	26.6	24.9	23.5	23.2	24.2	28.2	22.5	96	97	88	96	96	97	95	53.5
13..	55.06	54.72	55.72	56.02	56.06	56.72	55.72	22.6	22.4	25.5	24.5	24	23.5	23.8	25.8	21.9	97	96	96	96	93	94	95.3	39.2
14..	55.60	56.13	56.53	55.77	56.10	57.68	56.30	23	23	27.8	29.4	24	23.6	25.1	30.1	22.5	96	96	84	79	91	95	90.2	10.7
15..	56.23	57.16	57.74	55.76	56.02	57.22	56.69	23	22.5	28	30.8	28	26.2	26.4	31	22	97	97	80	69	91	90	87.3	1.3
16..	56.70	56.86	57.13	54.81	54.58	56.46	56.09	24.6	24	29.5	26.4	26	24.2	25.8	32.2	23.2	95	96	79	89	85	98	90.3	71.1
17..	54.54	54.50	55.61	55.06	54.98	56.28	55.16	24	23.3	25.6	25.4	24.9	24	24.5	26.6	22.8	97	97	93	97	96	96	96	45.2
18..	55.24	55.68	56.36	55.56	55.73	56.86	55.90	23.8	23.5	25.5	25.1	23.9	23.8	24.3	26.4	23.2	97	97	93	95	97	97	96	26.1
19..	55.60	56.28	56.86	56.64	56.17	58.13	56.61	23.2	24	25.5	26.2	24.4	24	24.6	27.1	22.8	97	96	93	91	93	93	93.8	4.1
20..	57.26	57.03	57.97	57.78	58.11	59.16	57.88	23.7	23.2	27.7	24	24.9	24.2	24.6	30.6	22.6	94	96	84	92	94	95	92.5	17.5
21..	57.70	57.68	58.16	57.08	57.74	59.15	57.92	23.8	23.5	28.1	30	25.4	24.5	25.9	30.7	23	97	97	80	78	93	96	90.2	10.1
22..	58.27	58.81	59.10	58.19	58.35	60.16	58.81	24	22.8	28.2	28.5	28.6	24	26	31.6	22.4	96	97	84	77	80	95	88.2	8.4
23..	59.48	59.71	59.94	58.22	59.76	60.02	59.52	23.4	23	28.2	30.7	24.2	24	25.6	31.9	22.4	97	97	80	69	95	96	89	11.2
24..	59.06	58.98	59.53	58.67	58.60	59.97	59.14	23.5	23.4	28	24.5	25.1	24	24.8	30.9	22.9	96	97	81	92	92	96	92.3	5.8
25..	58.36	57.58	58.14	57.08	57.57	58.53	57.88	23.5	23.4	27	27.5	25.4	24.8	25.3	30.6	22.7	97	97	84	89	93	95	92.5	34
26..	57.27	57.56	58	56.94	56.75	58.10	57.44	24	23.8	27.6	26.9	25.8	25	25.5	30.9	23.2	97	97	84	79	89	92	89.7	.....
27..	56.93	57.03	57.40	55.49	55.86	57.11	56.64	24	24.5	28.4	29.6	25.4	25.2	26.2	30.6	23.5	93	94	82	80	93	98	90	10.7
28..	55.42	56.05	56.60	55.06	55.99	57.28	56.07	24.9	24.8	27.6	29	23.5	23.4	25.5	29.4	21.7	98	98	80	82	97	97	92	52.9
29..	56.22	56.30	56.91	55.55	56.79	57.80	56.60	24	24.2	27.3	27.8	25.5	23.8	25.4	30.4	23.2	96	98	86	82	93	97	92	2.3
30..	56.86	56.56	57.59	56.52	56.97	58.10	57.10	24	24.5	27.7	29.4	25.8	24.6	26	30.7	23.8	97	97	89	80	93	95	91.8	1
31..	57.26	57.28	57.64	56.28	56.67	58.04	57.20	24.4	24.4	28.7	29.1	26	25.4	26.3	31.4	23.4	97	97	78	84	87	88	88.5	4.3
Mean	56.63	56.82	57.31	56.19	56.50	57.74	56.87	23.8	23.7	27.5	27.6	25.4	24.4	25.4	30.1	22.9	96.1	96.5	84.7	84.7	91.5	94.6	91.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	603.2

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.	
																Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*				*0–10*		
1..	N	1	Calm	....	N	1	N	1	Calm	....	N	1	0.7	10	Ci.-S.		Cu.-N.ESE	7	Ci.-S.	Cu.-N.NE
2..	N	1	Calm	....	S	1	S	2	S	2	S	1	1.2	8	Ci.-S.		Cu.-N.	5	Ci.	Cu.-N.
3..	N	1	Calm	....	SSW	1	SW	2	SW	1	SW	1	1	5	Ci.		Cu.-N.	8	Ci.-S.	Cu.-N. WSW
4..	SW	1	Calm	....	SSW	1	SSW	4	SW	1	Calm	....	1.2	4	Ci.		Cu. S	7	Ci.-S.	Cu.-N. SW
5..	SW	1	SW	1	SSW	2	SSW	4	SSW	2	Calm	....	1.7	7	Ci.		Cu. SW	9	Ci.-S.	Cu.-N. SW
6..	Calm	....	S	1	S	2	SSW	2	NW	1	S	2	1.3	5	Ci.		Cu. SSW	10	Ci.-S.	N. SW
7..	S	1	S	1	S	2	S	1	SSW	2	SSW	2	1.5	7	Ci.-S.		Cu. SW	8	Ci.-S.	Cu.-N. SW
8..	Calm	....	SSW	1	SSW	1	SSW	4	SSW	1	SW	1	1.3	8	Ci.-S.		Cu.-N. SW	9	Ci.-S.	Cu.-N. SW
9..	Calm	....	Calm	....	SW	2	SW	1	SW	1	SW	1	.8	7	Ci.-S.		Cu.-N. SW	6	Ci.-S.	Cu.-N. SW
10..	Calm	....	Calm	....	SW	1	SW	1	Calm	....	SW	1	.5	6	Ci.		Cu.-N. SW	10	Ci.-S.	N. WSW
11..	N	1	Calm	....	Calm	....	SW	3	SW	2	SW	1	1.2	10	Ci.-S.		Cu. WSW	10	Ci.-S.	Cu.-N. WSW
12..	SW	1	Calm	....	SW	1	SW	2	SW	2	SW	2	1.3	10	Ci.-S.		S.-Cu.WSW	10	Ci.-S.	N. WSW
13..	SW	1	SW	1	SSW	4	SSW	2	SSW	2	SSW	1	1.8	7	Ci.-S.		Cu.-N.	10	Ci.-S.	N. SW
14..	SSW	1	SSW	1	Calm	....	SSW	2	SSW	2	Calm	....	1	10	Ci.-S.		N. SW	8	Ci.-S.	Cu.-N. SW
15..	SSW	1	SSW	1	SW	1	S	1	Calm	....	S	1	.8	8	Ci.		Cu.-N.	7	Ci.-S.	Cu.-N.
16..	Calm	....	NNE	2	NNE	2	NE	2	NNW	4	N	2	2	4	Ci.		Cu.-N.	8	Ci.-S.	Cu.-N.NE
17..	NW	3	NW	1	SSE	3	S	4	S	2	S	2	2.5	10	Ci.-S.		N. NW	10	Ci.-S.	N. SSW
18..	S	2	S	2	SSE	3	SSE	2	SSE	3	SSE	2	2.3	9	Ci.-S.		N. S	10	Ci.-S.	N. S
19..	SSE	3	SSE	3	SSE	3	SSE	1	Calm	....	SE	1	1.8	10	Ci.-S.		N. S	10	A.-S.	Cu.-N. S
20..	SE	1	Calm	....	SSE	1	SSW	2	SSW	1	Calm	....	.8	8	Ci.-S.		S.-Cu. S	10	Ci.-S.	Cu.-N. SW
21..	Calm	....	Calm	....	SSW	2	SSW	3	Calm	....	N	1	1	6	Ci.-S.		Cu.-N.	9	Ci.-S.	Cu.-N. SW
22..	N	1	NE	1	S	1	SSW	4	Calm	....	Calm	....	1.2	5	Ci.		Cu.-N.	6	Ci.-S.	Cu.-N. SSW
23..	NE	1	Calm	....	SW	1	SW	2	SW	2	Calm	....	1	5	Ci.		S.-Cu.	8	Ci.-S.	Cu.-N. WSW
24..	NE	1	Calm	....	SW	2	SW	2	Calm	....	SW	1	1	4	Ci.		S.-Cu.	10	Ci.-S.	Cu.-N. WSW
25..	Calm	....	Calm	....	SW	1	SW	1	SW	1	Calm	....	.5	6	A.-Cu.		Cu.-N.	10	Ci.-S.	Cu.-N. WSW
26..	Calm	....	Calm	....	WSW	1	WSW	3	WSW	1	SW	1	1	4	Ci.		Cu. W	8	Ci.-S.	Cu.-N. W
27..	SW	2	SW	3	SSW	4	SSW	4	SSW	1	Calm	....	2.3	10	Ci.-S.		Cu.-N. SW	7	Ci.-S.	Cu.-N. SW
28..	Calm	....	Calm	....	WSW	1	WSW	2	WSW	2	Calm	....	.8	6	Ci.		Cu. W	10	Ci.-S.	N. WSW
29..	SW	1	Calm	....	SSW	1	SSW	4	Calm	....	SSW	1	1.2	7	Ci.-S.		Cu. WSW	7	Ci.-S.	Cu.-N. SW
30..	SSW	1	Calm	....	SSW	3	SSW	4	SSW	2	SSW	1	1.8	8	Ci.-S.		Cu. SSW	7	Ci.-S.	Cu.-N. SSW
31..	SSW	1	Calm	....	SSW	4	SSW	4	SSW	4	S	2	2.5	10	Ci.-S.		Cu.-N. SW	8	Ci.-S.	Cu.-N. SW
Mean	.....	0.9	.....	0.6	.....	1.7	.....	2.5	.....	1.4	.....	0.9	1.3	7.2	.....	.....	.....	8.5	.....	.....

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

AUGUST, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.26	57.33	58.10	57.21	57.17	58.15	57.54	24.5	23.8	27.4	26.4	26	25	25.5	28.1	23.4	92	95	84	90	89	95	90.8	1.8
2..	57.43	57.52	58.09	56.80	57.31	58.34	57.58	24	23.9	29	28.6	26.5	25.2	26.2	29.6	23.2	97	97	82	88	88	92	90.7	2.9
3..	57.60	57.35	58.11	57.41	56.54	57.75	57.46	24.3	24.4	27.4	25.5	25.5	25.4	25.4	29.8	23.7	96	97	81	93	93	93	92.2	7.3
4..	56.96	56.90	57.60	56.20	56.26	58.11	57	25	25	26.3	28.2	26.6	24.8	26	28.6	23.9	98	98	94	84	91	94	93.2	5.3
5..	58.02	58.27	58.47	56.92	57.39	58.74	57.97	23.2	23	27.4	29.1	27.6	25	25.9	30.6	22.9	95	98	86	76	79	92	87.7	1
6..	58.42	58.72	59.31	57.51	57.60	58.76	58.39	24.6	23.6	29.4	32	28	26.5	27.4	32.4	23.1	94	96	75	65	81	88	83.2	.....
7..	57.89	58.18	58.28	56.84	57	58.04	57.70	25.5	25	29.6	25.7	26	24.8	26.1	32.1	24.2	94	95	77	91	94	93	90.7	11.5
8..	57.21	57.51	58.04	56.08	56.34	57.57	57.12	24.2	24	28.6	31	29	26	27.1	32.1	23.4	95	97	73	65	71	89	81.7	.....
9..	56.94	57.43	58.46	56.48	56.61	58.19	57.35	25.4	24.5	27.1	30.9	29.2	26.4	27.2	31.9	24	92	96	85	66	79	90	84.7	.8
10..	57.27	57.57	58.59	56.02	56.60	57.11	57.19	25.4	24.5	28	32	26.5	25.2	26.9	32.4	24	92	96	79	69	85	94	85.8	3
11..	55.18	55.22	56.39	55.76	55.98	58.02	56.09	25	25.2	25.9	26.7	27	26	26	27.7	24.5	97	97	97	95	88	92	94.3	6.6
12..	57.10	57.70	58.33	57	57.21	59.01	57.72	25.4	24.4	29.5	32	29	26.5	27.8	32.4	23.9	94	97	79	70	78	92	85	.....
13..	58.64	58.66	58.93	56.87	56.94	58.74	58.13	25.5	24.5	29.9	31.8	29.8	27.5	28.2	32	23.4	92	96	80	70	79	88	84.2	.....
14..	57.91	57.94	58.17	56.09	56.60	57.91	57.44	26	25.8	30.1	33	31.5	25.8	28.7	33.6	25.3	94	93	77	63	69	92	81.3	.....
15..	56.56	57.04	57.67	55.37	55.44	57.10	56.53	24.6	25	29.3	33	29.8	26.5	28	33	23.9	92	96	76	65	71	90	81.7	1.3
16..	55.74	55.05	55.35	53.27	53.78	54.16	54.56	26	25.3	29.6	31.6	29	27.3	28.1	32.4	24.7	92	94	72	65	74	83	80	.....
17..	53.30	53.16	53.66	52.04	51.54	52.84	52.76	25	25.2	26.6	29.1	27.4	26.1	26.6	29.6	24.4	92	92	94	80	84	91	88.8	2.3
18..	52.56	52.71	53.75	52.52	53.81	55.82	53.53	25	24.6	26.6	30.9	26	24.8	26.3	31.2	23.9	92	94	90	71	89	93	88.2	14.9
19..	55.58	55.65	56.75	56.25	55.89	57.89	56.34	24	24	25.5	25	26.5	25.4	25.1	29.1	23.6	95	96	96	95	93	95	95	42.5
20..	57.23	57.73	58.14	56.69	57.12	59.11	57.67	24.9	25	27	28.6	27.6	26.2	26.6	29.5	24.4	96	96	90	80	87	94	90.5	.....
21..	58.74	59.23	59.43	58.02	58.88	60.74	59.17	25.2	24.2	28.8	31.8	29.2	24.6	27.3	32.3	23.9	90	95	82	71	76	92	84.3	.....
22..	59.61	59.66	60.09	57.91	58.16	60.72	59.36	24	23	29.5	33	31.4	24.4	27.6	33.5	22.7	93	97	75	67	70	95	82.8	.8
23..	59.80	59.48	59.83	58.33	61.28	61.68	60.07	24	24.2	29.4	33.1	26	24	26.8	33.8	23.2	96	95	78	59	78	93	83.2	8.9
24..	60.06	60.36	60.78	58.74	59.56	61.20	60.12	24	23.4	28.9	32.5	25.3	24.5	26.4	33.2	22.8	96	97	78	61	90	95	86.2	15.3
25..	60.06	60.48	60.48	57.71	59.35	60.48	59.76	24.2	24	28.4	32.4	23.2	23.5	26	32.5	23	97	96	78	72	94	96	88.8	78.2
26..	58.88	58.93	59.45	57.07	56.86	58.87	58.34	23.5	23.2	27.2	31.2	28.7	25.2	26.5	32.1	22.6	96	98	83	64	83	95	86.5	36.6
27..	58.14	58.64	58.89	56.55	56.97	59.56	58.12	25	25	28.6	32.1	27.5	24.4	27.1	32.9	23.6	97	96	86	69	88	97	88.8	8.9
28..	58.84	59.06	59.63	56.80	57.83	59.42	58.60	25.4	24.9	29.5	32.9	27.7	25.2	27.6	33.2	24	95	96	75	64	84	94	84.7	1.5
29..	58.56	58.37	58.55	55.71	55.96	57.34	57.42	25	25.1	28.5	32.2	28.5	26.5	27.6	33.4	24.4	96	96	80	67	74	88	83.5	.....
30..	56.34	56.23	56.91	54.78	54.72	57.26	56.04	25	24.4	30	32.5	29.7	26.1	28	33.2	23.9	94	93	74	61	76	88	81	.....
31..	56.14	55.62	56.42	54.10	54.12	56.42	55.47	25.4	24.3	29.1	32.3	29.7	27	28	33.1	23.6	92	94	66	58	82	89	80.2	.....
Mean	57.42	57.54	58.09	56.29	56.67	58.23	57.37	24.8	24.4	28.3	30.6	27.8	25.5	26.9	31.7	23.7	94.3	95.8	81.4	72.7	82.5	92	86.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	251.4

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.	
																Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*				*0–10*		
1..	S	2	S	2	S	3	S	4	S	1	S	1	2.2	8	Ci.-S.		Cu.-N. sw	9	Ci.-S.	Cu.-N. sw
2..	Calm	....	Calm	....	SSW	4	SSW	4	SSW	2	S	1	1.8	7	Ci.		Cu. SW	7	Ci.-S.	Cu.-N. sw
3..	S	1	Calm	....	S	1	SSW	3	SW	1	SW	1	1.2	7	Ci.-S.		S.-Cu. sw	10	Ci.-S.	Cu.-N. sw
4..	SW	1	Calm	....	SSW	1	SSW	3	SSW	3	SSW	2	1.7	10	Ci.-S.		Cu.-N. sw	8	Ci.-S.	Cu. SW
5..	SSW	1	SSW	2	SSW	2	S	1	S	3	Calm	....	1.5	10	Ci.-S.		Cu.-N. sw	6	Ci.	Cu.-N. S
6..	Calm	....	Calm	....	S	1	S	1	S	1	Calm	....	.5	4	Ci.		S.-Cu.	4	Ci.	Cu.-N.
7..	Calm	....	Calm	....	N	2	N	1	NE	1	N	1	.8	3	A.-Cu.		S.-Cu.	8	Ci.-S.	Cu.-N.NE
8..	N	1	Calm	....	NE	1	ESE	2	ESE	1	ESE	1	1	3	Ci.		Cu.-N.	6	Ci.	Cu.-N.
9..	Calm	....	Calm	....	NE	1	NE	1	Calm	....	Calm	....	.3	7	Ci.-S.		Cu.-N.	6	Ci.	Cu.-N. NE
10..	NE	1	NE	1	NNW	1	NW	2	WNW	1	WNW	1	1.2	5	Ci.		Cu.-N.	6	Ci.	Cu.-N NW
11..	W	2	WSW	3	SW	2	SW	2	SW	3	SW	2	2.3	8	Ci.-S.		Cu.-N. W	10	Ci.-S.	Cu.-N.WSW.
12..	SSW	2	SSW	1	S	4	S	3	S	2	S	1	2.2	5	Ci.		Cu.-N. sw	5	Ci.	Cu.-N. sw
13..	Calm	....	Calm	....	S	2	S	2	S	1	Calm	....	.8	6	Ci.		S.-Cu. sw	4	Ci.	Cu. SW
14..	Calm	....	Calm	....	N	2	NW	2	NW	1	Calm	....	.8	3	Ci.		S.-Cu. sw	2	A.-Cu.	Cu.-N.
15..	Calm	....	NW	1	NW	3	NW	4	NW	3	Calm	....	1.8	7	Ci.		Cu. NW	4	Ci.	Cu. NW
16..	NW	2	NW	1	NW	4	NW	5	NW	5	WNW	2	3.2	8	Ci.		S.-Cu. NW	5	Ci.	Cu. NW
17..	WNW	2	Calm	....	WNW	2	WSW	2	WSW	2	Calm	....	1.3	10	Ci.-S.		Cu.-N.WNW	10	Ci.-S.	Cu.-N. W
18..	SW	1	SW	1	SW	4	SW	4	SSW	4	SSW	4	3	10	Ci.-S.		Cu.-N. W	7	Ci.-S.	Cu.-N. WSW
19..	SSW	3	SSW	3	SSW	3	SSW	4	SSW	1	SSW	2	2.7	10	Ci.-S.		N. SW	10	Ci.-S.	N. SW
20..	SSW	1	SSW	1	SSW	2	SSW	2	SSW	1	Calm	....	1.2	9	Ci.-S.		Cu. SW	10	Ci.-S.	Cu.-N. sw
21..	Calm	....	Calm	....	S	1	S	2	SSW	1	S	1	.8	6	Ci.		Cu.-N.	6	Ci.	Cu. SW
22..	Calm	....	Calm	....	NE	1	NW	1	NNW	3	NW	2	1.2	2	Ci.		Cu.-N.	4	Ci.	Cu.-N.
23..	N	1	N	1	NE	2	NE	1	NW	4	N	2	1.8	2	Ci.		.....	3	Ci.	Cu.-N.
24..	NW	2	Calm	....	NE	2	SE	1	S	1	Calm	....	1	4	Ci.		Cu.	3	Ci.	Cu.-N.
25..	Calm	....	Calm	....	NW	1	W	1	NE	4	N	1	1.2	7	A.-Cu.		Cu.-N.	4	Ci.	Cu.-N.
26..	NE	1	NE	1	SE	1	SE	1	S	1	S	1	1	5	Ci.		Cu.-N.	3	A.-Cu.	Cu.-N.
27..	Calm	....	Calm	....	SE	1	NE	1	NE	2	NW	2	1	5	Ci.		Cu.-N.	3	A.-Cu.	Cu.-N.
28..	Calm	....	Calm	....	N	1	W	1	N	3	Calm	....	.8	5	Ci.		S.-Cu.	4	Ci.	Cu.-N.
29..	Calm	....	NE	1	N	2	NW	2	NW	3	Calm	....	1.3	4	A.-Cu.		Cu. N	5	Ci.	Cu.-N.
30..	Calm	....	Calm	....	E	1	SE	1	E	1	NE	1	.7	2	Ci.		Cu.-N.	4	A.-Cu.	Cu.-N.
31..	NE	1	Calm	....	NE	1	E	1	Calm	....	Calm	....	.5	3	Ci.		Cu.-N.	3	Ci.	Cu.-N.
Mean	.....	0.8	.....	0.6	.....	1.9	.....	2.1	.....	1.9	.....	0.9	1.4	6	.....	.....	.....	5.8	.....	.....

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

SEPTEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1..	55.84	55.72	56.41	54.60	55.11	56.71	55.73	26	24.2	30.4	31	26.4	25.6	27.3	32.4	23.8	92	93	69	72	90	90	84.3	.....
2..	55.82	55.87	56.85	55.10	55.91	57.70	56.21	24.8	24.6	28	29.4	25.5	24.5	26.1	31	24	95	96	82	84	96	96	91.5	21.8
3..	56.56	56.16	57.39	55.92	56.17	57.44	56.61	24	23.6	27.1	29.5	28.5	26.8	26.6	31.1	23.2	96	95	87	78	78	87	86.8	1.5
4..	56.84	57.08	57.60	55.56	56.21	57.43	56.78	25.6	24.2	27.7	30.1	26.2	24.2	26.3	31.1	23.8	92	95	85	73	90	94	88.2	9.5
5..	57.06	57.08	57.93	56.06	56.20	58.14	57.08	24.2	24	27.1	29.8	27.1	25	26.2	30.4	23.5	95	97	87	74	85	93	88.5	1
6..	57.10	57.46	57.85	55.96	56.99	58.31	57.28	24.4	24.5	28.1	31.3	27.1	25.5	26.8	31.4	24	97	96	79	69	92	96	88.2	4.5
7..	56.94	56.98	57.54	55.47	56.24	57.72	56.82	25	24.5	29	30.8	27.1	25.1	26.9	31.6	24	96	96	82	70	90	94	88	1.3
8..	56.66	56.50	57.47	55.08	55.83	57.45	56.50	25	24.8	29.1	32	25.5	25	26.9	32.1	24.1	96	96	78	69	92	95	87.7	8.1
9..	56.81	57.01	57.76	55.88	57.06	58.18	57.12	24.5	24.4	26.5	28.5	24.5	23.5	25.3	29	23	96	97	88	83	96	96	92.7	50.8
10..	57.20	57.03	57.80	55.35	55.84	57.23	56.74	23.8	24	27	27.5	26.2	24.8	25.6	29.4	23.3	97	97	87	88	95	93	92.8	10.4
11..	55.68	55.69	56.86	55.42	56.45	58.46	56.43	24.4	24.3	26.6	27.4	24.5	24.4	25.3	28.6	23.8	97	97	90	87	96	96	93.8	5.3
12..	57.28	57.70	58.45	57.13	58.09	59.26	57.98	24.2	24.1	28.1	28	25.4	24	25.6	30.6	23.3	97	97	80	84	94	96	91.3	7.1
13..	58.36	58.56	59.54	57.43	58.15	59.67	58.62	23.4	23	28.1	31.8	27.2	26	26.6	32.1	22.5	97	97	84	70	90	92	88.3	.....
14..	58.88	58.76	60.23	58.64	58.54	60.06	59.18	24.5	24.4	24.9	26.3	26.7	24.3	25.2	27.2	23.6	96	97	92	86	86	94	91.8	3.3
15..	59.66	59.87	60.10	57.66	57.87	60.16	59.22	24	23.4	28	31.5	28.2	23.5	26.4	31.9	22.8	96	97	81	64	84	92	85.7	2.1
16..	58.92	58.90	59.52	57.21	57.22	58.59	58.39	23.8	23.4	28.1	30.1	28.5	25.4	26.6	31.1	23	93	97	79	71	81	92	85.5	1
17..	57.66	57.55	59.49	57.21	57.79	59.46	58.19	25	24.6	25.5	27	26.4	24	25.4	28.4	23.3	95	99	94	84	81	96	91.5	.....
18..	58.58	59.03	59.62	58.29	58.66	60.17	59.06	23.4	23.2	24.8	27.8	27.3	25.2	25.3	28.9	22.6	97	98	96	84	90	86	91.8	2.6
19..	59.21	59.42	60.19	57.60	58.15	59.27	58.97	24.8	24	28	31.5	27.6	25	26.8	32.2	23.5	93	98	82	69	84	93	86.5	.....
20..	58.45	58.62	59.39	57.59	57.33	58.96	58.39	24.5	23.9	28.4	27.1	26.9	25.2	26	31.4	23.4	96	97	83	85	89	95	90.8	7.3
21..	58.60	58.36	60	58.21	58.95	59.92	59.01	24.5	24.4	27.6	25.1	25.5	23.9	25.2	27.6	23	96	97	87	89	93	92	92.3	4.3
22..	59.08	59.24	60.06	58.08	58.76	60.17	59.23	24	22.9	27.5	26.4	25.9	24.5	25.2	30.7	22.4	96	97	81	84	89	96	90.5	.....
23..	58.61	58.35	59.26	56.57	57.34	58.94	58.18	24.3	23.6	27.8	31.5	26.6	25	26.5	31.6	23.1	97	99	82	72	84	92	87.7	.....
24..	58.06	58.50	59.17	55.86	56.80	57.90	57.72	24.8	23.6	28.4	31.2	25.1	24.8	26.3	31.6	23.4	95	97	83	70	94	95	89	14.8
25..	56.96	57.06	57.59	55.22	55.89	57.34	56.68	24.4	24.2	27.1	30.6	26.1	25.5	26.3	31	23.8	97	98	88	68	92	92	89.2	.....
26..	56	56 75	57.70	55.98	57.04	58.36	56.97	24.2	24	28.6	27.9	25.6	25	25.9	30.1	23.6	97	97	80	88	94	97	92.2	2
27..	57.40	58.01	58.15	55.65	56.26	57.91	57.23	24.5	24	28	31.6	26.7	26	26.8	32.3	23.5	97	98	81	68	90	95	88.2	3.5
28..	56.94	56.87	57.62	55.62	56.47	58.20	56.95	25	24.9	28.3	28.1	25.4	25	26.1	31.3	23.9	96	98	82	87	97	95	92.5	3
29..	57.06	57.03	58.66	56.68	57.42	59.03	57.65	24	23.5	27.1	28.6	25.7	24.8	25.6	29.2	22.7	95	99	86	77	88	92	89.5	.....
30..	58.02	57.92	58.82	56.74	57.58	60.01	58.18	24	23.5	29.4	30.4	26.4	25.5	26.5	31.2	23	96	96	79	75	91	94	88.5	.....
Mean	57.54	57.64	58.50	56.46	57.08	58.60	57.64	24.4	24	27.7	29.3	26.4	24.9	26.1	30.6	23.4	95.7	96.9	83.8	77.4	89.7	93.5	89.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	165.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Mean force.	Amount.	Form and direction.		Amount.	Form and direction.	
															Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	Calm	....	Calm	....	S	1	S	3	S	2	S	2	1.3	7	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N. SE
2..	S	1	Calm	....	S	2	S	2	S	4	S	2	1.8	7	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. S
3..	S	1	Calm	....	S	2	S	2	S	1	S	1	1.2	4	Ci.	S.-Cu.	6	Ci.	Cu. SSW
4..	S	1	Calm	....	SW	1	SW	2	SW	1	SW	2	1.2	7	Ci.-S.	S.-Cu.ssw	8	Ci.-S.	Cu. SW
5..	SW	1	Calm	....	SW	1	NW	2	SW	1	SW	1	1	8	Ci.-S.	Cu.-N. sw	7	Ci.-S.	Cu.-N.
6..	Calm	....	Calm	....	NW	1	SW	2	Calm	....	Calm	....	.5	8	Ci.-S.	Cu.-N.	4	Ci.	Cu.-N.
7..	NE	1	Calm	....	S	2	S	4	S	2	Calm	....	1.5	4	Ci.	Cu. S	5	Ci.	Cu. SSW
8..	Calm	....	Calm	....	S	1	S	2	S	1	NNE	1	.8	8	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.-N.
9..	Calm	....	Calm	....	NW	1	S	2	S	2	Calm	....	.8	9	A.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
10..	N	1	Calm	....	SW	1	SW	1	Calm	....	NW	1	.7	10	Ci.-S.	S.-Cu. W	10	Ci.-S.	Cu.-N. W
11..	Calm	....	Calm	....	SW	1	SW	4	SSW	2	SSW	2	1.5	10	Ci.-S.	Fr.-N. sw	10	Ci.-S.	N. SW
12..	SSW	1	SSW	1	SSW	2	SSW	2	Calm	....	Calm	....	1	6	Ci.-S.	S.-Cu. sw	9	Ci.-S.	Cu.-N.SSW
13..	SSW	1	Calm	....	S	1	S	1	Calm	....	Calm	....	.7	2	Ci.	S.-Cu. S	5	Ci.	Cu.-N.
14..	N	1	Calm	....	NE	2	NE	1	Calm	....	Calm	....	.7	8	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
15..	N	1	Calm	....	NE	1	SE	1	SSE	2	Calm	....	.8	6	Ci.	S.	3	Ci.	Cu.-N.
16..	Calm	....	NE	1	NE	1	Calm	....	NE	1	Calm	....	.5	4	Ci.	Cu.-N.	7	Ci.-S.	Cu.-N.
17..	Calm	....	Calm	....	S	1	Calm	....	S	1	Calm	....	.3	10	Ci.-S.	S.	8	Ci.-S.	Cu.-N.
18..	N	1	N	1	NW	2	NW	1	N	1	Calm	....	1	7	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
19..	N	1	N	2	SE	2	S	2	S	2	S	1	1.7	7	Ci.-S.	Cu.-N.	6	Ci.	Cu.-N. E
20..	Calm	....	NE	1	S	2	S	2	Calm	....	Calm	....	.8	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N. E
21..	N	1	N	1	Calm	....	Calm	....	NE	1	NE	1	.7	6	Ci.	Cu.-N.	8	A.-S.	Cu.-N.
22..	Calm	....	Calm	....	SE	1	SE	4	Calm	....	N	1	1	6	Ci.	Cu.-N.	8	Ci.-S.	Cu.-N.
23..	N	1	Calm	....	SSE	2	S	2	N	2	Calm	....	1.2	8	Ci.	S.	5	Ci.	Cu.-N.
24..	Calm	....	Calm	....	WSW	1	S	2	S	1	Calm	....	.7	6	Ci.	S.-Cu.	5	Ci.	Cu.-N.
25..	Calm	....	Calm	....	S	1	S	2	S	1	S	1	.8	6	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.-N.
26..	Calm	....	Calm	....	SE	1	SE	1	E	2	Calm	....	.7	9	Ci.-S.	S.-Cu. E	9	Ci.-S.	Cu.-N. SE
27..	NE	1	NE	1	NE	1	NE	1	S	2	Calm	....	1	6	Ci.	Cu. E	5	Ci.	Cu.-N.
28..	SW	1	Calm	....	S	2	S	3	S	2	S	2	1.7	10	Ci.-S.	S.-Cu. S	9	Ci.-S.	Cu.-N.SSW
29..	S	1	SSW	1	SSW	3	SSW	4	SSW	2	Calm	....	1.8	9	Ci.-S.	S.-Cu. sw	5	Ci.	Cu. SW
30..	N	1	Calm	....	SSW	2	SSW	3	Calm	....	SW	1	1.2	4	A.-Cu.	S.-Cu. sw	9	Ci.-S.	Cu.-N. SW
Mean	.....	0.6	.....	0.3	.....	1.4	.....	1.9	.....	1.2	.....	0.6	1	7	.....	.....	7.1	.....	.....

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

OCTOBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	59	59.25	60.25	57.17	58	59.27	58.82	24.8	24.4	29.5	29.6	26	24.5	26.5	31.1	23.7	95	97	78	79	93	96	89.7	8.2
2..	58.36	59.18	59.60	57.04	57.65	59.47	58.55	24.2	24	27.9	30.5	26.4	25	26.3	31.4	23	97	97	83	72	85	95	88.2	.3
3..	58.45	58.82	58.98	56.73	57.23	59.02	58.20	24.2	24.1	28.4	30.7	27.6	25.2	26.7	31.8	23.4	97	97	79	74	87	92	87.7	2
4..	57.84	57.83	58.14	55.71	57.09	58.13	57.46	25	24.5	28.4	31.8	25.2	24.3	26.5	32.1	23.5	96	97	85	67	94	97	89.3	7.1
5..	56.35	56.38	56.94	53.97	54.85	55.92	55.74	23.5	23	27	31.1	25.4	24.8	25.8	31.4	22.5	97	97	87	72	93	95	90.2	22.1
6..	54.16	54.12	54.39	51.32	51.82	53.33	53.19	24.5	24.4	27.3	30.8	26.6	25.7	26.6	30.9	23.9	96	97	90	77	90	92	90.3	1.3
7..	51.99	52.67	53.45	50.84	51.80	54.18	52.49	24.6	24.5	29	30.6	26.4	24	26.5	31	23	96	96	81	77	93	95	89.7	62
8..	53.17	53.93	54.89	53	54.82	56.08	54.32	24.2	24.1	27.2	29.7	24.5	24.4	25.7	30.2	23.6	95	97	88	75	92	93	90	8.9
9..	55.85	56.92	58.15	56.43	56.91	57.97	57.04	23.8	23.5	25.8	28	26.6	26	25.6	28.4	23	97	97	89	82	90	92	91.2	3.5
10..	57.14	57.61	58.84	56.38	57.32	58.64	57.66	24.5	24.2	27	29.3	27	26	26.3	29.6	23.6	96	96	86	72	88	92	88.3	1.6
11..	57.94	58.70	59.30	57.67	58.38	59.51	58.58	25	24.6	27.4	29.4	28	26.5	26.8	29.6	24	95	96	81	74	82	88	86	.8
12..	58.69	58.75	60.27	57.92	58.68	60.41	59.12	25.6	24.7	28	31.4	26.8	25	26.9	32.1	24.4	93	94	85	66	83	92	85.5	7.4
13..	59.86	59.87	60.43	58.09	58.90	60.59	59.62	24.5	23.5	28.4	28.9	27.1	25.1	26.2	32.1	23.1	96	96	82	73	84	93	87.3	5.3
14..	59.20	59.86	60.49	57.69	58.43	60.50	59.36	24.6	24.3	28.1	29.6	27.5	24.4	26.4	30	23.6	95	96	79	72	84	93	86.5	13.7
15..	58.91	59	59.97	57.02	58.14	59.74	58.80	24	23.5	28.3	30.2	25	24.6	25.9	31.6	23	96	96	82	74	92	95	89.2	4.1
16..	58.66	58.81	59.75	56.67	57.65	58.99	58.42	24	23.5	28.3	29	26.9	25	26.1	31.1	23	97	97	80	78	77	92	86.8	.5
17..	57.40	57.08	58.17	55.82	56.60	58.14	57.20	24.5	23.6	29.2	29	26.6	25	26.3	31.4	23.2	94	95	71	78	77	92	84.5	.....
18..	57.36	57.35	58.34	55.95	56.80	58.21	57.34	24.4	23.5	29.1	30.7	27.5	25.1	26.7	31.8	23	93	96	67	66	73	90	80.8	.....
19..	57.40	57.76	58.85	56.85	57.21	58.54	57.77	24.5	24.1	26	28	26.1	25	25.6	28.3	23.6	94	96	89	76	83	92	88.3	.3
20..	57.81	58.36	58.78	56.32	56.64	58.29	57.70	24	23.6	28.6	30.6	27.2	25.9	26.6	31.1	23	93	95	75	68	75	85	81.8	.....
21..	57.73	57.96	58.98	56.07	56.97	59.21	57.82	25	24	28.9	31.6	28.5	26	27.3	32.1	23.6	92	97	76	62	74	88	81.5	6.8
22..	58.29	58.08	58.96	56.54	57.53	59.29	58.12	25	24.5	28.1	30.4	27	25.7	26.8	31.4	23.8	94	96	84	74	86	93	87.8	5.3
23..	58.34	58.58	59.65	57.50	58.34	59.26	58.61	25.2	24.4	27.6	26.5	25.8	24.2	25.6	28.4	23.6	95	97	87	92	90	94	92.5	8.6
24..	58.28	58.65	59.09	56.73	57.53	58.81	58.18	24	23.5	28.4	31.4	28	25.5	26.8	31.7	23.2	96	97	77	66	81	89	84.3	.....
25..	57.63	58.68	58.77	56.03	57.22	58.76	57.85	24.5	23.6	29.6	31.4	27.7	25.4	27	31.5	23.1	96	96	75	66	73	89	82.5	.....
26..	57.03	57.95	58.28	55.78	56.75	57.77	57.26	24.2	23.5	29.5	31.4	27.5	25.7	27	32	23	95	96	76	68	85	88	84.7	.....
27..	56.66	57.10	58.73	55.49	56.03	57.64	56.94	24	23.2	28.7	30.8	27.8	25.7	26.7	31	22.9	93	96	76	72	84	93	85.7	.....
28..	56.86	58.37	59.10	57.06	57.47	59.84	58.12	24	23.1	29.4	31.4	28.5	25.4	27	32.2	22.7	95	96	69	66	74	88	81.3	.....
29..	59.16	59.63	60.39	58.08	58.37	59.79	59.24	24	22.7	29.3	31.7	28.4	25.4	26.9	31.9	22.3	93	97	72	66	75	88	81.8	.....
30..	58.76	59.08	59.64	57.80	58.38	59.62	58.88	24	23	30.1	31.5	27.8	25	26.9	32	22.4	93	95	69	60	67	88	78.7	.3
31..	58.16	58.52	59.07	57.07	57.29	58.76	58.14	23.7	23	29.7	31.2	27.8	24.2	26.6	32.5	22.4	91	94	69	61	70	86	78.5	.....
Mean	57.50	57.90	58.67	56.22	56.99	58.51	57.63	24.4	23.8	28.3	30.3	26.9	25.2	26.5	31.1	23.2	94.9	96.2	79.6	71.8	83	91.5	86.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	170.1

Day.	Wind.												Mean force.	Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	SSW	1	SSW	1	SSW	2	SSW	3	ESE	2	N	2	1.8	5	Ci.	Cu.-N.	7	Ci.-S.	Cu.-N. SW
2..	Calm	....	NE	1	NE	1	NE	1	N	2	Calm	....	.8	7	Ci.-S.	S.-Cu.	6	A.-Cu.	Cu. E
3..	E	1	Calm	....	NE	1	NE	1	Calm	....	Calm	....	.5	6	Ci.	S.-Cu. S	6	Ci.	Cu.-N. E
4..	NNW	1	NW	1	NW	1	NW	2	Calm	....	NNW	2	1.2	7	Ci.	Cu. NW	7	Ci.-S.	Cu.-N.
5..	NW	1	NW	1	NW	1	WNW	2	Calm	....	NW	1	1	10	Ci.-S.	S.-Cu. NW	5	Ci.	Cu. NW
6..	Calm	....	Calm	....	WNW	1	W	2	W	2	W	2	1.2	10	Ci.-S.	S.-Cu. NW	7	Ci.	Cu.-N. WNW
7..	WSW	2	WSW	1	WSW	2	SW	2	SW	1	SW	2	1.7	6	Ci.	S.-Cu. W	7	Ci.	Cu. W
8..	SW	1	SW	1	NW	2	NW	2	Calm	....	S	2	1.3	10	Ci.-S.	S. WSW	6	Ci.	Cu.-N.
9..	SSE	2	SSE	2	SSE	1	S	2	S	1	S	1	1.5	10	Ci.-S.	N. S	8	Ci.-S.	Cu.-N. S
10..	S	1	Calm	....	NW	1	NW	2	Calm	....	SW	2	1	9	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
11..	SW	1	Calm	....	NE	1	NE	1	Calm	....	NE	1	.7	10	Ci.-S.	S.	9	Ci.-S.	Cu.-N. SE
12..	Calm	....	NE	1	ENE	2	NE	1	SE	1	NE	1	1	6	Ci.	Cu. ESE	7	Ci.	Cu.-N.ENE
13..	N	1	Calm	....	NW	1	NE	4	E	1	Calm	....	1.2	6	Ci.	Cu.-N.	9	Ci.-S.	Cu.-N. E
14..	NE	1	NE	1	E	1	SE	1	S	1	NE	1	1	8	Ci.-S.	S.-Cu.ESE	5	Ci.	Cu.-N.
15..	NE	1	Calm	....	NE	2	S	2	NW	1	WNW	2	1.3	6	Ci.	S.-Cu. SE	5	Ci.	Cu.-N.ESE
16..	NW	1	NW	1	NE	2	NE	2	NE	2	NE	2	1.7	9	Ci.-S.	S. N	6	Ci.-S.	Cu.-N. E
17..	NW	1	NW	1	NNE	3	NE	2	NE	1	Calm	....	1.3	5	Ci.	Cu.-N.	7	Ci.	Cu.-N.ENE
18..	NE	1	Calm	....	N	2	S	2	ESE	3	Calm	....	1.3	7	Ci.	S.-Cu.ENE	5	Ci.	Cu.-N.
19..	Calm	....	NE	1	NE	1	NE	2	E	1	NE	1	1	10	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
20..	N	1	Calm	....	NE	1	NE	1	E	1	NE	1	.8	8	Ci.	S.-Cu. E	6	Ci.	Cu.-N. E
21..	N	1	N	1	N	1	NE	1	NE	1	N	1	1	8	Ci.-S.	Cu.-N.	5	A.-Cu.	Cu.-N. NE
22..	Calm	....	N	1	NE	1	NE	2	ENE	1	NW	1	1	8	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N. E
23..	NW	1	Calm	....	NE	2	NE	2	NE	1	Calm	....	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. E
24..	N	1	Calm	....	NE	2	E	3	E	2	N	1	1.5	7	Ci.	Cu.-N.	5	Ci.	Cu.-N. E
25..	N	1	N	1	NE	2	E	3	E	1	N	1	1.5	6	Ci.	Cu.-N.	3	Ci.	Cu.-N. E
26..	Calm	....	Calm	....	NE	2	NE	1	NE	2	NE	1	1	3	Ci.	S.-Cu.	5	Ci.	Cu.-N. E
27..	N	1	Calm	....	N	2	SE	2	SE	2	SE	1	1.3	7	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N.ESE
28..	Calm	....	N	1	NE	1	E	1	E	2	E	1	1	2	Ci.	Cu.-N.	5	A.-Cu.	Cu. E
29..	NW	1	N	1	N	2	NE	2	NE	2	N	1	1.5	2	Ci.	Cu.-N.	4	A.-Cu.	Cu. E
30..	N	1	N	1	NE	1	E	3	E	2	E	2	1.7	4	Ci.	Cu. E	5	Ci.	Cu. E
31..	N	1	N	1	NE	2	NE	2	NE	2	NE	1	1.5	3	Ci.	Cu. E	6	A.-Cu.	Cu. E
Mean	.....	0.8	.....	0.6	.....	1.5	.....	1.9	.....	1.2	.....	1.1	1.2	6.9	.....	.....	6.3	.....	.....

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

NOVEMBER, 1917.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.42	57.79	58.94	56.77	57.10	58.24	57.71	23.5	22.5	27.6	31.5	27.6	25.5	26.4	31.8	21.8	91	91	76	60	69	83	78.3	.....
2..	57.18	58.17	59.43	56.76	57.79	59.04	58.06	23.4	22.4	30	32.4	28	26	27	32.9	21.9	91	92	67	59	74	81	77.3	.....
3..	57.96	58.58	59.17	56.97	58.45	59.85	58.50	23.8	23	30	31.2	26.4	24.5	26.5	31.9	22.1	91	93	65	63	82	93	81.2	4.8
4..	58.66	59.91	61.21	59.06	59.68	60.62	59.86	23.8	23.6	23.6	23.5	24	23.6	23.7	24.6	23.1	95	96	98	97	97	97	96.5	20.3
5..	59.83	60.83	61.33	58.42	58.66	60.23	59.88	23.4	23.3	25.6	29.4	26.3	24.5	25.4	29.5	22.5	97	97	92	78	86	87	89.5	2.8
6..	58.93	60.01	61.80	59.54	59.76	60.32	60.06	23.7	23	24.4	26.1	24.6	24.2	24.3	26.9	22.3	91	96	94	82	92	93	91.3	2.8
7..	58.96	59.88	60.98	59.22	60.05	61.20	60.05	23.8	23.2	25.4	24.6	23.6	22.8	23.9	25.9	22.4	95	97	93	93	96	97	95.2	21.3
8..	59.68	60.26	61.13	59.64	60.02	59.98	60.12	22.6	22.5	25.4	25.4	24	23.1	23.8	27.4	21.9	97	96	92	93	93	97	94.7	13.6
9..	58.21	58.50	59.24	56.67	57.31	58.01	57.99	22.5	21.4	27.9	28.4	26	25.2	25.2	29.4	21	96	96	80	74	85	90	86.8	7.3
10..	57.06	58.07	59.01	56.70	57.59	58.80	57.87	23.8	23.5	26.9	29	26.4	24.4	25.7	30	23	95	96	85	78	84	88	87.7	.8
11..	57.58	57.72	58.82	56.53	57.84	59.99	58.08	23.4	22.5	28.6	30.9	27.1	25.2	26.3	31.6	22	93	96	74	67	80	90	83.3	.....
12..	58.86	59.69	60.52	57.77	59.14	60.80	59.46	24	23	28.6	30.8	26.6	24.3	26.2	31.7	22.4	91	91	71	67	80	86	81	.....
13..	59.98	60.68	61.54	58.70	59.38	60.78	60.18	23	22.4	28	31	26.6	24.1	25.8	31.4	21.9	91	91	70	57	74	89	78.7	.....
14..	59.01	59.22	60.19	57.53	57.59	59.13	58.78	22.8	21.8	27.8	31.3	27	24	25.8	31.5	21.1	91	91	71	58	72	86	78.2	.....
15..	57.98	58.51	59.42	56.53	57	58.04	57.91	22.8	21.6	28.4	30.8	28.2	25	26.1	31.1	21.4	93	95	75	60	74	87	80.7	.....
16..	57.11	58.52	58.38	56.61	57.59	59.33	57.92	23.5	22.2	28.6	30.1	26.5	23.6	25.8	30.6	21.7	91	93	68	64	71	90	79.5	.....
17..	58.08	58.89	59.37	57.07	57.55	58.46	58.24	22.8	22	27.4	28.5	26.4	24	25.2	28.9	21.4	89	89	71	64	70	88	78.5	.....
18..	57.26	58.13	58.88	56.61	57.31	58.14	57.72	23.2	23.1	27.8	29.5	26.4	25.5	25.9	30.4	22.6	90	90	75	66	76	83	80	.....
19..	56.96	57.06	58.24	55.92	57.05	58.50	57.29	24.4	23.4	28.8	30.2	26	25	26.3	30.6	22.7	88	92	72	68	81	88	81.5	.6
20..	57.86	58.46	59.63	57.89	58.35	59.92	58.68	24	23.2	27.2	26.8	24.2	23.8	24.9	28.4	22.6	91	95	80	83	94	95	89.7	1.6
21..	59.08	59.69	60.26	58.61	59.52	60.77	59.66	23	22.9	26.9	30.5	25.4	23.5	25.4	30.6	22.4	96	96	77	60	77	88	82.3	.....
22..	59.69	60.66	61.26	58.89	59.41	60.60	60.08	22.4	22	25.6	29	26.1	24.1	24.9	29.4	21.4	93	94	84	74	89	89	86.3	.....
23..	59.08	59.21	60.16	57.66	58.09	59.95	59.02	23.2	23.1	23.5	27.4	25.8	24.4	24.6	28	22.4	90	90	96	81	93	97	91.2	33.4
24..	59.11	58.98	59.19	56.41	57.20	59.07	58.33	23.5	22.5	28	30.2	26.5	24.5	25.9	31.4	22	96	96	79	69	84	92	86	23.8
25..	58.08	58.78	60.23	57.66	58.46	59.63	58.81	23.8	23	22.5	23.8	23.3	22.7	23.2	24.4	22	95	96	96	90	94	97	94.7	31.8
26..	58.01	58.77	59.92	58.31	58.98	59.43	58.90	22.2	22.4	25.3	24.6	23.8	23	23.6	26.6	21.7	98	96	89	95	93	96	94.5	12.7
27..	58.51	58.65	59.31	56.97	58.21	59.56	58.54	22.5	21.9	26.9	28	25	24.2	24.8	29.5	21.4	96	96	79	85	90	95	90.2	9.9
28..	58.96	59.67	60.95	58.54	58.75	60.39	59.54	24	23.4	26.6	28	27	24.9	25.6	29.9	23	96	97	87	81	77	86	87.3	.3
29..	59.86	60.48	61.83	59.36	60.20	61.69	60.57	23.8	23.2	27	29.9	26.5	24.8	25.9	30	22.5	93	97	86	71	84	90	86.8	.....
30..	60.58	60.64	61.68	58.59	59.03	60.87	60.23	23.5	22	27.5	30.5	27.8	25	26	30.6	21.5	94	95	76	64	75	88	82	.....
Mean	58.52	59.15	60.07	57.73	58.44	59.71	58.93	23.3	22.7	26.9	28.8	26	24.3	25.3	29.6	22.1	93.1	94.2	80.6	73.4	82.7	90.2	85.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	188.8

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.	
																Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–12*	*0–10*			*0–10*		
1..	N	1	N	1	ENE	1	ESE	4	ESE	3	N	1	1.8		3	Ci.	Cu.-N.	5	Ci.	Cu. E
2..	N	1	N	1	N	2	E	4	E	2	E	1	1.8		2	Ci.	S.-Cu. E	5	Ci.	Fr.-Cu. E
3..	N	1	N	1	N	2	E	2	ESE	1	ESE	2	1.5		2	Ci.	Cu.	7	Ci.-S.	Cu.-N. E
4..	ESE	2	ESE	1	ESE	1	ESE	2	Calm	....	ESE	1	1.2		8	Ci.-S.	Cu.-N. ESE	10	Ci.-S.	N. ESE
5..	NE	1	N	2	NE	3	NE	2	E	1	NE	1	1.7		10	Ci.-S.	N. E	7	Ci.-S.	Cu.-N. E
6..	NNE	2	N	1	SE	1	NE	2	NE	2	NE	1	1.5		10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
7..	N	1	N	1	Calm	....	NNE	1	Calm	....	NNE	2	.8		10	Ci.-S.	S.-Cu. E	10	Ci.-S.	N. E
8..	N	1	Calm	....	N	1	E	1	E	1	N	1	.8		8	Ci.-S.	N. E	10	Ci.-S.	N. E
9..	NE	1	NE	1	NE	1	NE	3	NE	2	NE	1	1.5		5	Ci.	S.-Cu. E	8	Ci.-S.	S.-Cu. ENE
10..	NE	1	NE	1	NE	2	ENE	1	Calm	....	E	1	1		9	Ci.-S.	N. E	6	Ci.	Cu.-N. ESE
11..	N	1	Calm	....	E	1	E	3	E	2	N	1	1.3		5	Ci.	S.-Cu. SE	4	A.-Cu.	Fr.-Cu. E
12..	N	1	NE	1	NE	3	E	3	E	2	NE	2	2		2	Ci.	Cu.	5	Ci.	Cu. E
13..	NE	1	NE	1	NE	3	NE	3	E	2	N	1	1.8		2	Ci.	Cu.	5	A.-Cu.	Cu. E
14..	N	1	N	1	N	3	NE	2	E	2	NE	1	1.7		3	Ci.	S.-Cu.	4	Ci.	Cu. E
15..	NE	1	NE	1	NE	2	NE	2	NW	2	N	1	1.5		4	Ci.	Cu.	4	Ci.	Cu. E
16..	N	1	NE	1	NE	2	E	2	E	2	NE	1	1.5		3	Ci.	S.-Cu.	5	Ci.	Cu. E
17..	NE	1	NE	1	NE	2	E	3	E	2	N	1	1.7		6	Ci.	S.-Cu. E	7	Ci.	Cu. E
18..	N	1	Calm	....	NE	3	E	2	NE	2	NE	1	1.5		7	Ci.	cu.-N. ENE	8	Ci.	S.-Cu. E
19..	Calm	....	NE	1	ESE	2	ESE	1	ESE	3	ESE	2	1.5		8	Ci.	S.-Cu. E	7	Ci.	Cu.-N.
20..	ESE	1	Calm	....	SE	2	SE	1	S	2	S	1	1.2		5	Ci.	S.-Cu. E	8	Ci.-S.	Cu.-N. SE
21..	Calm	....	Calm	....	NE	2	NE	4	NE	2	NE	1	1.5		7	Ci.-S.	Cu.-N. SE	7	Ci.-S.	Cu.-N.
22..	NNE	1	NNE	2	NNE	1	NNE	3	Calm	....	N	1	1.3		6	Ci.	S.-Cu. NE	7	Ci.	Cu. ENE
23..	N	1	Calm	....	NNE	2	NE	1	Calm	....	SE	2	1		10	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu.-N.
24..	N	1	N	1	NE	2	NE	2	NE	1	NE	2	1.5		6	Ci.	Cu.-N.	6	Ci.	Cu. NE
25..	NE	2	NE	2	N	3	NNE	4	NNE	3	Calm	....	2.3		10	Ci.-S.	N. ENE	10	Ci.-S.	N. ENE
26..	N	1	E	1	Calm	....	Calm	....	NE	2	N	1	.8		10	Ci.-S.	S.-Cu. E	10	Ci.-S.	N. E
27..	N	1	Calm	....	NW	1	NE	1	ESE	2	E	1	1		4	Ci.	Cu.-N.	6	Ci.	Cu.-N. E
28..	N	2	Calm	....	NE	2	E	2	E	2	Calm	....	1.3		9	Ci.-S.	N.	6	Ci.-S.	Cu.-N. E
29..	NW	1	Calm	....	NW	1	NE	2	E	1	NW	1	1		8	Ci.	Cu. E	7	Ci.	Cu.-N.
30..	N	1	Calm	....	NE	2	NE	1	NE	2	NNE	4	1.7		3	Ci.	Cu. E	4	Ci.	Cu. E
Mean	.....	1.1	.....	0.8	.....	1.8	.....	2.1	.....	1.6	.....	1.2	1.4		6.2	.....	.....	6.8	.....	.....

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

DECEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	59.82	60.09	61	57.98	58.64	60.27	59.63	23.8	22.6	26.8	30.6	26.8	25.8	26.1	31.1	22.1	95	98	83	68	84	85	85.5	.....
2..	59.76	60.26	60.74	57.98	59.09	60.83	59.78	24.2	23.4	26.4	30.6	27	24.1	26	31.4	22.6	94	97	81	68	80	91	85.2	2.1
3..	60.18	60.26	60.92	59.26	59.97	61.16	60.29	23.4	22.1	28.2	29.5	26	23	25.4	31.1	21.6	95	96	73	65	76	88	82.2	.....
4..	60.69	61.24	61.90	59.95	60.80	61.56	61.02	22.1	22	27.6	27	25	22.8	24.4	30.6	21.4	91	91	73	81	79	89	84	1.3
5..	60.68	61.17	61.52	59.21	59.46	60.40	60.41	22.2	21.9	27.4	29.6	26.5	24.6	25.4	30	21.2	93	94	74	64	74	87	81	.....
6..	59.38	59.61	59.90	56.83	57.49	58.70	58.65	23	22	28.1	30.1	26.5	25	25.8	31.2	21.5	93	94	69	65	84	88	82.2	2
7..	57.52	57.79	59.18	56.13	57	58.28	57.65	23.5	22.6	25.6	29.1	25.5	23	24.9	29.4	22.1	92	93	83	62	88	83	83.5	.....
8..	57.22	57.42	58.33	55.95	56.66	57.96	57.26	22.4	20.6	26.3	28.5	26.2	23.8	24.6	29.5	20	83	90	68	64	76	85	77.7	.....
9..	56.98	57.57	59.33	57.19	58.05	59.16	58.05	23.6	22.8	24.1	26.7	25	24.2	24.4	26.8	22.3	82	83	83	74	87	90	83.2	.3
10..	58.03	58.41	59.05	56.05	57.15	58.86	57.92	23.2	22	27	31.4	26.7	24.2	25.8	32.1	21.4	93	95	77	60	76	90	81.8	.....
11..	57.27	57.69	58.39	55.97	56.90	58.16	57.40	22.8	22	27.4	30	26.5	23.8	25.4	30.9	21.5	93	95	72	67	77	90	82.3	.....
12..	57.31	58.11	59.27	57.13	57.91	59.06	58.13	22.6	22.3	28	30.6	26.6	23.8	25.6	31.1	21.7	93	94	71	65	75	88	81	.....
13..	58.26	58.73	59.86	57.49	58.15	59.50	58.66	22.2	21.5	28	30.1	26.8	24.5	25.5	31	21	91	94	71	67	74	87	80.7	.....
14..	58.78	59.31	60.33	57.43	58.21	59.73	58.96	22.9	21.6	27.7	31.4	26	24.2	25.6	31.9	21	92	95	76	60	82	91	82.7	2.3
15..	58.88	59.22	60.23	57.53	58.21	59.55	58.94	23.4	22.3	26.9	30.3	26.7	23.7	25.6	31.4	21.5	97	97	79	66	75	91	84.2	.....
16..	58.58	58.46	59.70	57.24	57.55	58.68	58.37	22.5	21.5	26.5	28.2	25.1	23.8	24.6	29	21.1	94	95	80	70	83	88	85	.3
17..	58.58	58.86	59.49	57.04	58.32	59.56	58.64	23.2	22.5	26.6	30.3	25	24	25.3	30.7	21.9	91	92	79	67	90	91	85	3.6
18..	58.56	59.19	60.42	58.02	59.09	60.23	59.25	23	22	26.5	30.1	25.2	23.7	25.1	30.9	21.5	97	96	79	69	84	91	86	5.8
19..	59.98	60.19	60.94	58.92	59.38	60.06	59.91	22.8	21.8	27.4	29.2	26.1	23.2	25.1	30.6	21	93	95	70	70	76	95	83.2	7.4
20..	58.91	59.84	60.32	58.49	59.05	59.77	59.40	22.8	22	22.5	26	24.5	22.6	23.4	26.5	21.5	95	96	96	85	91	95	93	15.3
21..	58.84	59.46	60.01	57.40	58.34	59.26	58.88	22.5	22	26.5	28.2	26	23.8	24.8	28.6	21.7	96	96	80	76	87	91	87.7	.....
22..	58.56	59.63	60.39	57.54	58	59.40	58.92	23.4	22.6	27.4	29.9	26.6	24.7	25.8	30.4	22.1	93	97	78	69	80	87	84	.5
23..	57.98	58.79	59.46	57.68	58.41	59.60	58.65	23	22	26.8	28.5	26.6	24.5	25.2	29.9	21.4	91	95	78	81	77	91	85.5	.....
24..	58.76	59.08	59.63	56.67	57.51	58.46	58.35	23.5	22.4	27.1	29.6	26	24	25.4	30.5	21.7	94	95	77	67	76	87	82.7	.....
25..	57.63	58.08	58.94	56.19	56.77	58.26	57.64	23.1	22.6	27.7	29.5	25.4	23	25.2	30.1	21.9	90	89	65	64	80	87	79.2	.....
26..	57.71	57.90	59.38	56.99	57.40	58.51	57.98	22	20	25.2	28	25	22	23.7	28.2	19.6	93	94	74	67	76	91	82.5	.....
27..	58.13	58.23	59.66	57.49	58.28	59.91	58.62	21.4	20.6	26.1	28.5	23.8	22	23.7	29	20.3	91	94	66	58	75	84	78	.....
28..	58.59	59.35	60.07	58.11	58.43	59.98	59.09	20.8	20	25	26.8	24.4	22.4	23.2	28.1	18.8	89	89	65	58	74	79	75.7	.....
29..	59.25	59.58	60.63	58.33	58.40	59.34	59.26	21.4	21	24.4	27.1	24.6	23	23.6	27.9	20.4	84	85	73	63	71	79	75.8	.....
30..	58.83	59.53	60.32	58.93	59.06	60.41	59.51	21	20.6	26.4	26.8	23.8	22	23.4	28.4	19.7	85	89	65	60	70	82	75.2	.....
31..	60.05	60.48	61.55	59.09	59.58	61.09	60.31	19	19.2	25.4	27.6	23	20.8	22.5	28.1	17.4	90	90	60	56	74	87	76.2	.....
Mean	58.70	59.15	60.03	57.62	58.30	59.54	58.89	22.6	21.8	26.5	29	25.6	23.5	24.9	29.9	21.1	91.7	93.3	74.8	67	79.1	88	82.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40.9

Day.	Wind.												Mean force.	Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	NE	1	NE	1	NE	1	NE	1	NW	3	Calm	....	1.2	6	Ci.	Cu. NE	4	A.-Cu.	Cu.-N.
2..	N	1	N	1	NW	1	E	2	N	3	N	2	1.7	10	Ci.	S. N	6	Ci.	Cu.-N. E
3..	N	1	N	1	NE	3	NE	3	E	2	N	1	1.8	2	Ci.	Cu.	6	Ci.	Cu.-N. E
4..	NW	1	NE	2	NE	2	NE	4	E	3	N	1	2.2	5	Ci.	S.-Cu. E	8	Ci.-S.	Cu.-N. E
5..	N	1	NE	1	NE	3	E	2	E	2	Calm	....	1.5	7	A.-Cu.	S.-Cu. E	5	Ci.	Cu. E
6..	N	1	N	1	NE	3	N	2	E	1	NE	2	1.7	4	Ci.	S.-Cu. E	6	Ci.	Cu. N
7..	N	1	N	1	N	2	N	3	NE	1	NE	2	1.7	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N. NE
8..	N	2	N	2	NNW	3	NE	2	NE	1	NE	1	1.8	5	Ci.	Cu.	9	Ci.-S.	cu.-N. ENE
9..	N	2	N	2	E	1	NE	2	E	1	E	1	1.5	6	Ci.	S.-Cu. E	9	Ci.-S.	Cu.-N. E
10..	E	1	NE	1	NE	1	NE	1	NE	2	NE	1	1.2	7	Ci.	S. E	5	Ci.	Cu. E
11..	NE	1	Calm	....	NE	1	NE	1	E	1	NE	1	.8	7	Ci.	Cu. E	6	Ci.-S.	Cu.-N.
12..	N	1	NE	1	E	3	E	3	E	3	E	1	2	6	Ci.-S.	Cu.-N.	5	Ci.	Cu. E
13..	N	1	N	1	NE	1	E	2	E	2	E	2	1.5	3	Ci.	Cu.	6	Ci.	Cu. E
14..	N	1	NE	1	NE	2	NE	1	E	1	NE	1	1.2	3	Ci.	Cu. E	4	Ci.	Cu. E
15..	N	1	N	1	NE	1	E	1	ESE	3	N	1	1.3	10	Ci.	S. N	6	Ci.	Cu.-N. E
16..	N	1	NW	1	NE	2	NE	3	Calm	....	N	1	1.3	10	Ci.-S.	Cu.-N.	8	Ci.-S.	cu.-N. ENE
17..	N	1	Calm	....	NW	2	NE	2	Calm	....	NE	1	1	7	Ci.	Cu. E	6	Ci.	Cu. NE
18..	NE	1	NW	1	N	1	NE	2	E	2	Calm	....	1.2	6	A.-Cu.	Cu.	6	Ci.	Cu.-N. NE
19..	N	1	N	1	NE	2	NE	2	NE	2	NE	1	1.5	4	Ci.	S.-Cu.	6	Ci.	Cu.-N. NE
20..	NE	1	N	1	N	2	NE	2	Calm	....	N	1	1.2	10	Ci.-S.	N.	10	Ci.-S.	cu.-N. ENE
21..	Calm	....	Calm	....	NE	2	NE	1	NE	1	N	1	.8	7	Ci.	S.-Cu. ENE	6	Ci.	cu.-N. ENE
22..	NW	1	N	1	NE	1	E	1	NE	1	Calm	....	.8	4	Ci.	S.-Cu. ENE	5	Ci.	Cu. E
23..	N	1	N	1	N	1	ENE	2	NE	3	N	1	1.5	3	Ci.	Cu.	6	Ci.	Cu.-N. E
24..	N	1	N	1	N	1	E	2	E	1	E	1	1.2	3	Ci.	Cu.	5	Ci.	Cu. E
25..	Calm	....	Calm	....	NE	3	NE	2	E	2	NE	1	1.3	4	Ci.	Cu.	5	Ci.	Cu. ENE
26..	N	1	N	1	N	2	E	2	E	2	E	1	1.5	4	Ci.	Cu.	7	A.-Cu.	Cu. E
27..	SW	1	Calm	....	NE	2	E	4	E	3	E	1	1.8	6	Ci.	Cu.	5	Ci.	Cu. E
28..	N	1	Calm	....	NE	2	NE	2	NE	1	N	1	1.2	6	Ci.	Cu. E	7	A.-Cu.	Cu. ENE
29..	Calm	....	Calm	....	NE	2	NE	2	E	2	NE	2	1.3	9	Ci.-S.	S.-Cu.	8	Ci.	S.-Cu. E
30..	NE	2	NE	2	NE	3	E	4	ESE	4	ESE	2	2.8	6	A.-Cu.	S.-Cu. E	8	Ci.-S.	S.-Cu. E
31..	E	1	ESE	1	ESE	1	ESE	4	ESE	2	S	1	1.7	9	Ci.	S.-Cu.	6	Ci.	Cu. SE
Mean	.....	1	.....	0.9	.....	1.8	.....	2.2	.....	1.8	.....	1.1	1.5	6	.....	.....	6.4	.....	.....

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

JANUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	57.43	58.06	59.08	56.30	57.39	58.80	57.84	24	23	30.6	32.6	28.5	24.9	27.3	34.4	22.5	88	91	67	60	77	92	79.2	21.1
2	58.40	58.61	59.99	57.20	58.21	59.66	58.68	23.7	23.5	30.5	31.1	27.5	27	27.2	32.2	23.2	94	96	72	62	84	85	82.2	23.9
3	58.61	59.28	60.45	57.73	58.42	60.22	59.12	24.7	24	30	31	28	24.6	27	34.1	23.5	94	96	72	68	81	82	82.2	.....
4	59.54	60.47	62.18	60.18	60.98	62.54	60.98	23.5	22.6	29.6	32.5	26.1	23.2	26.2	33.2	22.4	79	82	59	52	72	75	69.8	.....
5	61.81	62.80	63.51	61.23	61.86	63.60	62.47	22.6	22.3	28.5	32	25.6	22.4	25.6	32.8	21.5	78	79	59	48	67	74	67.5	.....
6	62.90	62.88	64.22	61.54	61.76	63.46	62.79	21.3	21	27	31	25.4	22.1	24.6	31.7	20.5	76	77	61	47	65	81	67.8	.....
7	62.35	62.72	63.63	61.33	61.79	63.51	62.56	21	19.4	29	30.5	26.5	24.8	25.2	33.2	18.5	82	86	55	53	72	76	70.7	.....
8	62.37	63.02	64.26	61.94	62.28	63.83	62.95	21.7	20.1	28.6	30	27	24.1	25.2	31.6	19.6	87	91	61	59	75	82	75.8	.....
9	62.94	63.42	64.86	62.69	62.96	64.33	63.53	22.1	22	29.5	30	27	23	25.6	32.9	21.5	85	83	55	59	71	82	72.5	.....
10	63.72	64.18	64.92	62.30	62.94	63.58	63.61	20.7	20	29	28.7	26.7	25.6	25.1	31.2	19.5	88	90	62	63	75	53?	71.8	.....
11	63.46	63.65	64.27	61.83	62.33	63.31	63.14	23.4	22.7	29	31	26.1	23.5	26	31.4	21.9	63	64	43	39	71	60	56.7	.....
12	62.57	62.22	62.79	60.73	60.90	62.12	61.89	22.7	22.2	26.3	30.2	26.7	23.2	25.2	31.1	21.5	65	68	61	54	71	83	67	.....
13	61.74	61.56	61.99	59.45	60.29	61.33	61.06	22.9	22.5	30	31	27.6	23.8	26.3	32.7	22	82	82	58	59	73	81	72.5	.....
14	60.52	60.42	61.44	59.23	60.08	60.89	60.43	22.1	21.5	30.1	30.8	27.5	26.5	26.4	32.6	21	87	87	60	57	75	83	74.8	.....
15	60.25	60.42	61.34	58.53	59	59.75	59.88	23.1	21.9	29	30.1	26.2	24	25.7	31.3	21.5	90	92	68	62	79	79	78.3	.....
16	59.51	59.98	61.08	58.45	59.29	60.63	59.82	22.7	21.6	29.7	31.5	27	23.5	26	33.7	21.4	82	85	56	54	74	78	71.5	.....
17	59.91	59.93	61.19	58.78	59.15	60.38	59.89	22.4	20.2	29	30	26.5	26.2	25.7	31.3	19.9	77	90	61	61	80	79	74.7	.....
18	59.84	60.01	60.61	57.49	58.10	59.58	59.27	24.9	24.1	26.6	28.6	26.2	23.7	25.7	29.6	22.5	84	86	73	66	74	78	76.8	.....
19	58.48	59.11	60	56.95	57.96	59.43	58.66	22	21	29.6	30.1	27	23.6	25.6	32.2	20.9	88	90	60	55	76	78	74.5	.....
20	58.52	58.24	59.55	56.55	56.91	58.70	58.08	21.7	20.7	27.2	30.5	27	24.7	25.3	31.3	20.4	85	89	68	62	75	76	75.8	.....
21	58.03	58	59.28	56.88	57.65	59.26	58.18	22.3	21	28	30.5	27	24.8	25.6	31.7	20.7	83	90	66	60	72	75	74.3	.....
22	58.31	58.14	59.14	56.37	57.45	59.09	58.08	23.7	22.2	29.6	33.5	27.2	23.9	26.7	33.8	21.9	74	79	55	42	64	72	64.3	.....
23	58.67	58.92	60.01	57.55	57.88	58.61	58.61	23.7	22.1	28.1	30	27.2	26	26.2	31.2	21.4	76	85	65	62	75	80	73.8	.....
24	58.28	58.56	59.57	57.33	58.10	59.29	58.52	23.7	21.6	30.5	33.1	28	24	26.8	33.9	21.3	87	91	59	49	73	74	72.2	.....
25	58.86	58.88	59.90	58.09	58.98	59.77	59.08	22.7	21.8	29	31.7	27.5	24	26.1	32.7	21.4	78	79	57	47	62	74	66.2	.....
26	59.76	60.12	60.86	58	58.64	59.56	59.49	22.5	21.4	30	32	28.4	24.6	26.5	34.1	20.5	78	86	62	54	62	77	69.8	.....
27	59.17	59.59	60.91	58.09	58.69	59.61	59.34	24.1	23.5	27.2	30.5	26.5	24.8	26.1	31.7	23	79	82	72	60	76	83	75.3	.5
28	58.87	59.06	61.01	57.93	58.15	59.70	59.12	22.1	22.5	28.1	29.7	26.5	25.8	25.8	30.5	21.5	94	89	70	65	72	81	78.5	.....
29	58.76	58.81	60.34	58	58.42	60.43	59.13	23.2	21.6	29.1	29.8	26.5	24.6	25.8	32.2	21.1	90	93	60	60	80	74	76.2	.....
30	59.39	59.30	60.91	58.15	58.30	60.24	59.38	22.4	21.6	27.5	31.5	27	24.4	25.7	32.7	21.4	76	77	60	47	69	72	66.8	.....
31	59.15	59.47	60.68	57.80	58.12	59.58	59.13	22	21	28.5	29.5	25.5	24.7	25.2	29.8	20.5	82	86	59	58	75	74	72.3	.....
Mean	60.07	60.32	61.42	58.86	59.45	60.80	60.15	22.8	21.8	28.9	30.8	26.9	24.4	25.9	32.2	21.3	82.3	85.2	61.8	56.3	73.1	77.2	72.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45.5

Day.	Wind.											Clouds.						
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.			
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.		
													Upper.	Lower.		Upper.	Lower.	
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*			
1	SE	SE	SE	NNW	NNW	Calm	29.8	46.4	62.6	31.2	170	1	Ci.	Cu.	2	Ci.	Cu.	
2	Calm	SE	SE	NNW	NNW	NW	15.8	35.7	82.1	67.1	200.7	10	.....	Fr.-N.	4	Ci.	Fr.-N.	
3	NE	E	SE	NNW	NNW	SSE	27.4	39.6	76.6	70	213.6	9	Ci.-S.	S.-Cu.	6	Ci.	Cu.-N.	
4	S	S	S	SSW	SSE	S	90.7	66.3	67.3	90.1	314.4	0	.....	S.-Cu.	9	A.-Cu.	S.-cf.	S
5	S	S	SSE	SE	SE	SSE	80.5	96.9	123.9	111.5	412.8	0	.....	Cu.	8	Ci.-S.	Cu.	
6	SSE	SSE	SSE	SE	SE	SSE	118.9	110.8	99	93	421.7	10	Ci.-S.	.....	9	Ci.-S.	S.-cf.	
7	SSE	SE	SE	NNW	NNW	SE	55.2	53.7	73	36.8	218.7	5	Ci.	S.-Cu.	4	Ci.	Cu.	
8	SE	SE	SSE	NW	N	SSW	31.9	43	66.2	44.5	185.6	3	Ci.-S.	S.-Cu.	9	Ci.-S.	S.-Cu.	
9	Calm	S	SSE	NNW	NNW	SW	26.4	40	78.1	39.2	183.7	9	A.-Cu.	S.-Cu.	4	Ci.	Cu.	
10	S	SE	Calm	NNW	Calm	SE	25.2	32.8	56	77.7	191.7	1	A.-Cu.	S.-Cu.	8	A.-Cu.	S.-Cu.	
11	S	SE	SE	SE	NNW	SE	68.7	137.3	137.9	76.1	420	2	A.-Cu.	S.-Cu.	1	A.-Cu.	Cu.	
12	SSE	SSE	SSE	NNW	NNW	S	73	58.9	49.4	33.5	214.8	10	A.-Cu.	S.-Cu.	6	A.-Cu.	Cu.	
13	S	S	SSE	N	N	SSW	23.9	44.5	47.7	28.2	144.3	10	A.-S.	S.-Cu.	7	A.-Cu.	Cu.	E
14	SE	SE	SE	NWbyN	NNW	NW	27.9	38	89.9	54.9	210.7	1	Ci.	Cu.	2	Ci.-Cu.	Cu.	
15	ESE	SE	SE	NW	NW	SSE	26.6	27.1	68.9	62.6	185.2	4	Ci.	Cu.	2	Ci.	Cu.	
16	SSE	SSE	SSE	NNW	NNW	S	61.7	65.4	67.4	44.1	238.6	0	Ci.	Cu.	1	.....	Cu.	
17	S	SE	SE	NW	NW	NWbyN	48.6	46.7	82.7	109.9	287.9	0	Ci.	.....	2	Ci.	Cu.	
18	NNW	NNW	NW	NW	NW	SW	78.7	72.1	91.1	42	283.9	3	Ci.	S.-cf.	9	Ci.-S. SSW	Cu.	
19	S	SSE	SSE	NWbyN	NNW	S	38	45.3	74.5	37.8	195.6	9	Ci.-S.	Cu.	4	Ci.	Cu.	
20	S	S	S	NW	N	S	24.3	31.1	70.5	29.2	155.1	1	Ci.-S.	.....	3	Ci.	Cu.	
21	S	SE	SE	NNW	NNW	S	24.6	38.1	62.8	42.8	168.3	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.	
22	SSE	SSE	SSE	SSE	SSE	S	72.1	78.1	86.9	73.5	310.6	2	Ci.	S.-Cu.	8	Ci.-S.	Cu.	
23	SE	SE	SE	NW	NW	NNW	34.8	19.3	65.5	56.6	176.2	7	Ci.-S.	S.-Cu.	2	A.-Cu.	Cu.	
24	SW	SE	SSE	SSE	NNW	SSE	25.1	63.4	40.8	58.9	188.2	0	.....	Cu.	9	A.-Cu. SE	Cu.	
25	S	SSE	SSE	SSE	SE	S	61.4	69.8	39.4	81.8	252.4	3	Ci.	.....	9	Ci.-S.	Cu.	
26	SE	SE	SSE	WNW	SE	SE	38.1	50.7	43.5	39.1	171.4	2	Ci.	Cu.	8	A.-Cu.	S.-cf.	SE
27	SE	SE	SE	NW	Calm	Calm	52	62.8	39.2	11.3	165.3	10	.....	S.-Cu.	9	A.-Cu.	Cu.-N.	ESE
28	Calm	Calm	Calm	NW	NNW	NNW	2.6	17.7	125.8	96.3	242.4	9	.....	S.-Cu.	1	A.-Cu.	S	Cu.
29	SE	Calm	SE	NNW	NW	SSE	21.5	29.5	88.8	45.3	185.1	5	Ci.	S.-Cu.	4	A.-Cu.	SE	Cu.
30	S	SSE	SSE	SE	N	S	82.1	71.8	39.4	18.3	211.6	8	Ci.-S.	S.-Cu.	9	Ci.-S.	SW	Cu.
31	Calm	Calm	SW	NW	NW	NW	8.5	28.7	150.3	114	301.5	4	Ci.	S.-Cu.	1	.....		Cu.
Mean	.....	.....	.....	.....	.....	.....	45	53.6	75.7	58.6	233	4.7	.....	.....	5.5	.....	.....	
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,222	.....	.....	.....	.....	.....	.....	

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

FEBRUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.79	58.97	59.73	57.05	58.12	59.68	58.72	22	19.6	28.6	33	26.5	23.5	25.5	33.6	19.4	84	94	56	42	68	75	69.8	.....
2..	58.66	58.61	60.21	57.83	58.27	60.53	59.02	21.8	20.3	29	29	26.5	24	25.1	31.2	20	80	82	52	57	70	74	69.2	.....
3..	59.69	59.55	61.30	58.95	59.13	60.71	59.89	22.3	20.5	29.1	30	26.5	23.2	25.3	31.7	20.1	80	85	56	56	68	90	72.5	4.3
4..	60.17	60.55	61.29	59.40	60.14	61.59	60.52	21.7	20.6	29	28.5	26.4	24.1	25	32.4	20.3	89	90	62	63	76	74	75.7	.....
5..	60.96	60.82	62.34	59.84	60.39	62.09	61.07	22.8	21.4	30	30.5	26.4	23	25.7	33.1	20.5	78	83	58	59	75	74	71.2	.....
6..	61.10	61.66	62.58	60.45	61.04	62.94	61.63	21.7	21	29	30	27	23.2	25.3	31.9	20.5	78	77	54	59	72	80	70	.....
7..	61.91	61.87	62.51	59.96	60.28	62	61.42	22.9	21.1	29.6	31.5	28	26.1	26.5	33.2	20.7	78	89	61	57	70	71	71	.....
8..	61.07	61.17	62.13	59.63	59.50	61.55	60.84	22.9	21	29.8	30.1	26.5	25.9	26	32.7	20.5	82	91	62	59	80	80	75.7	.....
9..	60.71	61.10	62.25	60.03	59.79	61.10	60.83	25.2	25	27.6	27.5	24.5	23.5	25.6	28.7	22.9	77	73	64	68	71	76	71.5	.....
10..	60.35	60.90	61.60	58.56	59.30	61.20	60.32	21	20.7	28	32.7	27.4	23	25.5	33.6	19.5	91	88	51	38	49	70	64.5	.....
11..	61.02	61.53	61.73	59.30	59.86	61.56	60.83	21	20.2	28.6	29.8	26.1	23	24.8	32.1	19.8	77	78	50	50	68	74	66.2	.....
12..	61.14	61.78	62.97	60.63	60.88	62.26	61.61	21.2	19.1	28.2	29	25.6	25	24.7	29.7	18.8	78	89	63	64	78	76	74.7	.....
13..	61.30	61.28	62.08	59.11	60.71	62.30	61.13	22	20.4	29.1	32.1	26.8	23.6	25.7	33.4	20	89	94	57	40	55	57	65.3	.....
14..	61.92	61.77	62.46	59.73	60.20	62.59	61.44	22	20.5	28.2	32.5	27.1	23	25.6	33.7	20.3	65	69	46	36	49	66	55.2	.....
15..	61.87	61.18	62.30	59.88	60.48	61.69	61.23	22.7	22	30	32.5	27	26	26.7	33.7	21.8	65	69	47	47	65	76	61.5	.....
16..	61	60.67	61.27	58.62	58.88	60.61	60.18	23.2	22.2	30.5	27.5	26.5	24.5	25.7	32.5	21.7	84	84	57	66	75	87	75.5	6.6
17..	59.58	59.57	61.15	58.01	57.81	59.15	59.21	24.2	23.5	28	29.5	26.1	24.7	26	30.2	23	85	90	70	67	79	87	79.7	.....
18..	57.91	57.82	59.29	56.32	57.31	58.10	57.79	22.5	22.5	28	30.7	23.5	23	25	31.8	22	95	90	73	57	91	95	83.5	11.9
19..	57.06	57.30	58.86	56.50	56.67	58.84	57.54	21.9	21	27.6	28	26.5	25.9	25.2	30	20.8	95	95	73	73	68	73	79.5	.....
20..	58.31	58.29	60.08	57.68	58.45	60.32	58.86	25	23.6	30	33	27.1	24	27.1	34.2	22.4	80	87	56	51	74	70	69.7	.....
21..	60.24	60.60	61.71	59.68	59.79	61.50	60.59	22.5	21.7	28.5	32.1	27.1	23.5	25.9	33.7	21.4	70	72	51	42	51	69	59.2	.....
22..	61.10	61.21	61.93	59.34	59.28	61.19	60.68	21.5	21	28.6	32.1	27	23	25.5	33.9	20.4	75	72	50	48	65	73	63.8	.....
23..	60.76	60.60	61.34	58.54	58.22	59.68	59.86	21.8	19.5	28	29	26.1	23.6	24.7	31.9	18.7	76	86	58	58	72	77	71.2	.....
24..	59.05	59.12	60.35	57.74	57.26	59.26	58.80	21.4	19.9	28.5	30.5	26.5	24.5	25.2	32.9	19.1	75	78	57	53	73	87	70.5	.....
25..	58.54	58.24	59.23	56.63	56.77	58.75	58.03	21.5	22	30.5	34.5	28	24.6	26.8	35.4	21	91	81	52	39	69	74	67.7	.....
26..	58.46	58.24	58.59	56.20	56.18	57.70	57.56	22.4	21	31	32.5	28	25	26.6	34.2	20.4	82	86	55	57	70	79	71.5	.....
27..	57.70	57.74	58.48	55.52	55.53	57.39	57.06	24	21.7	30.6	32.4	27.6	25.7	27	36.2	21.4	81	89	58	56	76	84	74	.....
28..	57.20	57.31	58.48	56.33	56.40	58.25	57.33	23.4	21.5	30.2	31.2	27.6	26	26.6	34.5	20.5	90	94	57	64	78	87	78.3	.....
Mean	59.91	59.98	61.01	58.48	58.81	60.52	59.79	22.4	21.2	29.1	30.8	26.6	24.2	25.7	32.7	20.6	81.1	84.1	57.4	54.5	69.8	77	70.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	NE	SSE	SE	NW	SSW	30.9	72.4	83.4	61.5	248.2	1	Ci.	Cu.	5	Ci.	Cu.
2..	S	S	SE	NW	NWbyN	S	75.1	52	70.8	36.5	234.4	1	Ci.	Cu.	10	A.-Cu.	S.-Cu. SE
3..	S	SE	SE	NW	NW	SW	39.6	36.4	67.8	44.5	188.3	8	A.-Cu.	S.-Cu.	9	A.-Cu.	S.-Cu. SE
4..	S	SEbyS	SSE	NNW	NNW	SE	41.3	53.6	71.9	55.7	222.5	9	Ci.-S.	S.-Cu.	10	A.-S.	Fr.-N. SSE
5..	SSE	SE	SE	NNW	NNW	SSE	49.4	46.5	65.7	76.2	237.8	8	Ci.-S.	Cu.	5	Ci.	Cu. SE
6..	S	S	S	NNW	NW	S	101.4	88.3	66.6	25.5	281.8	0	.....	Fr.-Cu.	4	A.-Cu.	E S.-Cu.
7..	SSE	SEbyS	SE	SSW	N	E	40.5	60.6	69	43	213.1	1	A.-Cu.	S.-Cu.	9	A.-Cu.	E Fr.-N.
8..	E	E	E	NNW	NNW	NNW	23.3	38.9	103	118.8	284	1	Ci.	S.-Cu.	5	Ci.	Fr.-N. WSW
9..	NWbyN	NNW	NWbyN	NW	NW	N	129	166.8	210.8	140.2	646.8	8	Ci.	S.-Cu.	3	Ci.	Fr.-Cu. NW
10..	N	E	SSE	SSE	SSE	SE	23.3	99.6	131.7	80.5	335.1	4	Ci.	S.-Cu. SSE	2	Ci.	Cu.
11..	SSE	SSE	SEbyS	NbyW	Calm	SE	72.9	85.6	67.6	24.3	250.4	1	Ci.	S.-cf. SSE	6	A.-Cu.	S S.-Cu.
12..	SE	SE	Calm	NbyW	NW	NNW	25.1	34.8	135	113	307.9	1	Ci.	Cu.	5	Ci.	Cu.
13..	Calm	N	SE	E	NE	SE	25.9	51.5	83.7	88.2	249.3	8	Ci.	Cu.	7	Ci.	Cu.
14..	SSE	SSE	SE	SE	ESE	SSE	94.6	104.9	104.9	94.6	399	8	Ci.	Cu.	2	Ci.	Cu.
15..	SSE	SSE	SSE	WSW	N	Calm	107	81.6	59.5	42.4	290.5	9	Ci.-S.	S.-Cu.	9	A.-Cu.	S.-Cu.
16..	Calm	Calm	S	NNW	NW	NW	14.8	31.7	118.9	89.3	254.7	9	A.-Cu.SW	S.-Cu.	10	A.-S.	S.-Cu.
17..	N	Calm	N	NW	NW	NW	22.3	35.4	111.3	56.9	225.9	10	A.-Cu. WSW	S.-Cu.	2	Ci.	Cu.
18..	SW	SbyE	SE	SbyE	NE	NE	40.7	77.7	54.1	23.8	196.3	9	Ci.-S.	S.-Cu.	10	A.-S.	Fr.-N.
19..	SE	SE	SE	NW	NW	NNW	35.9	31.2	127.3	99.5	293.9	4	Ci.	S.-Cu.	7	A.-Cu. SSW	Cu.
20..	N	NWbyN	S	SE	NW	SE	46.1	43.8	71.1	103.6	264.6	1	.....	S.-Cu.	4	Ci.	Cu.
21..	SSE	SSE	SE	SE	SE	SSE	96.6	94.6	98.2	106.2	395.6	10	A.-Cu.SW	S.-Cu.	7	A.-Cu. SW	Cu.
22..	S	SE	SSE	SE	NNW	SE	92.3	85.6	70.6	47.3	295.8	1	Ci.	S.-Cu.	1	.....	Fr.-Cu. SE
23..	SE	SE	SE	NNW	NW	SW	52.5	48.5	95.8	46.4	243.2	0	Ci.	S.-Cu.	0	.....	Cu.
24..	SW	SSW	SE	NNW	NNW	SW	34.3	56.3	95	55.8	241.4	0	.....	.....	0	.....	Cu.
25..	SSW	S	SE	SE	NW	SW	43.7	88.8	98.2	29	259.7	0	Ci.	.....	1	.....	Cu.
26..	SE	SE	SE	NW	NW	NW	57.9	73	93	45.7	269.6	0	Ci.	S.-Cu.	2	.....	Cu.
27..	S	NE	SE	NWbyN	NW	W	51.8	70.3	91.7	47.7	261.5	1	Ci.	.....	1	.....	Cu.
28..	Calm	SE	SE	NWbyN	NWbyN	Calm	21.1	56	95.5	45.6	218.2	0	Ci.	.....	2	Ci.-Cu.	S.-Cu.
Mean	.....	.....	.....	.....	.....	.....	53.2	66.7	93.3	65.8	278.9	4	.....	.....	4.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,809.5	....	.....	.....	....	.....	.....

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

MARCH, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	57.90	58.01	58.99	56.01	56.49	58.32	57.62	23.3	21.5	31	33.5	27.2	26.5	27.2	36.7	20.5	86	90	56	51	82	85	75	.....
2..	57.51	57.23	58.19	55.62	56.42	58.52	57.25	24	23.7	31.5	32	28	26.5	27.6	36.7	23	86	76	51	49	74	84	70	.....
3..	58.20	58.62	59.35	56.35	56.06	58.64	57.87	24.4	23.5	32	32.6	27.6	26.3	27.7	34.5	22.8	85	83	54	55	76	80	72.2	.....
4..	57.28	57.37	58.40	55.57	55.63	57.84	57.02	24.3	22.8	30	31.5	28.3	26.5	27.2	32.7	22.4	88	93	62	56	74	80	75.5	.....
5..	57.24	57.68	58.68	55.93	56.59	58.25	57.40	24.7	23	32	31.9	28.5	26.1	27.7	36.2	22.5	81	86	55	59	70	83	72.3	.....
6..	57.87	58.69	59.39	57.02	56.90	58.55	58.07	24.5	23.5	31.5	32.7	27.6	26.8	27.8	35.6	23	79	86	57	56	82	86	74.3	.....
7..	57.62	58.30	59.45	56.99	57.03	58.32	57.95	25	23.5	32.3	32	28.5	25.3	27.8	34.2	23	91	87	55	58	64	73	71.3	.....
8..	57.53	58.01	58.45	55.51	55.90	57.96	57.23	25.1	23.9	32.4	35.9	28.5	25.1	28.5	36.7	23.5	72	74	44	38	73	70	61.8	.....
9..	57.67	58.02	58.95	56.58	56.35	58.08	57.61	23.8	21.1	29.6	30.7	28	27.3	26.8	32.3	20.9	76	86	58	62	78	70	71.7	.....
10..	58.18	58.77	59.65	56.38	56.46	58.25	57.95	24.9	23.1	32.6	32.2	27.7	25	27.6	35.1	22.8	79	86	52	54	75	76	70.3	.....
11..	58.08	58.08	59.28	56.59	56.74	58.31	57.85	24.6	24	32.4	33.3	28.6	26.5	28.2	34.7	23.4	72	68	48	47	69	66	61.7	.....
12..	57.90	58.27	58.38	56.12	56.29	57.85	57.47	24.7	22	32	33	28	27.2	27.8	36	21.5	73	82	49	50	73	75	67	.....
13..	57.27	58.07	59.20	56.38	57	59.37	57.88	24.3	22.5	32	36.5	28.6	27.2	28.5	37.6	22.2	84	87	44	36	76	81	68	0.8
14..	58.95	58.74	60.17	57.72	58.17	59.95	58.95	24.5	24	30.1	32	28.5	27.5	27.8	32.6	23.5	91	83	63	58	77	82	75.7	.....
15..	59.75	60.10	61.18	58.66	58.93	60.60	59.87	25.1	23.8	32	32.5	28.5	25.6	27.9	35.9	23.5	83	81	53	60	74	67	69.7	.....
16..	60.16	60.74	60.55	57.99	58.50	60.19	59.69	23	22.5	32.7	31.3	27.5	25.6	27.1	35.2	21.9	79	81	44	60	76	75	69.2	.....
17..	59.16	59.59	60.69	57.66	58.04	59.89	59.17	24.6	24.5	29	34.5	29.1	26.3	28	34.7	23.8	77	77	61	48	64	70	66.2	.....
18..	59.06	59.18	60.41	58.42	58.90	59.98	59.32	25.5	25.3	32.5	31.5	28.6	26	28.2	33.9	25	72	73	52	59	69	81	67.7	.....
19..	58.96	59.75	60	57.69	58.18	59.34	58.99	24.3	22.5	32	33	28	26.5	27.7	34.4	22	80	86	54	60	79	82	73.5	.....
20..	58.76	59.30	60.33	57.63	58.82	60.19	59.17	24.1	23	32.7	34	28	24	27.6	36.9	22.6	88	91	57	54	67	86	73.8	.....
21..	59.37	59.50	61	58.53	59	61.26	59.78	22.6	21.6	31.9	33.5	28	24.1	27	34.8	21.5	92	94	52	48	77	86	74.8	.....
22..	60.38	60.56	61.90	59.64	59.35	60.80	60.44	23.7	22.6	31.6	31.6	27.5	25	27	33.2	22.2	87	89	56	53	80	88	75.5	.....
23..	59.78	59.46	60.79	58.53	58.47	60.51	59.59	24.3	23.5	31.5	32.5	28.3	24.4	27.4	34.2	22.5	81	80	50	49	71	87	69.7	15.3
24..	59.10	58.96	60.38	58.13	58.58	60.21	59.23	23.5	23.5	29.5	30.3	26.5	24.9	26.4	35	22.5	85	78	61	59	73	78	72.3	.5
25..	59.52	59.55	60.34	58.28	58.47	59.71	59.31	24.2	23.5	30.8	31.7	27.9	24.7	27.1	33.8	23.4	80	82	57	59	60	77	69.2	.....
26..	59.01	59.05	59.98	58.08	58.42	60.05	59.10	23.3	23.6	31.5	31.5	28	25.2	27.2	33.4	23	80	78	51	53	61	74	66.2	.....
27..	59.49	59.45	60.62	59.15	58.88	60.45	59.67	23.2	22.5	31.2	30.5	27.5	26.2	26.8	33.7	22.3	85	87	58	64	76	82	75.3	.....
28..	60	60.39	61.64	59.36	59.93	61.73	60.51	23.9	22.3	32	31.9	27.6	27	27.4	34.3	22	89	93	52	54	74	78	73.3	.....
29..	61.03	61.22	62.09	59.85	59.58	60.95	60.79	25	23	31.7	30.9	27.5	25.7	27.3	33.3	22.9	86	91	58	65	77	86	77.2	.....
30..	59.95	59.90	60.97	58.53	58.08	59.39	59.47	24	22.5	31	30.5	27.5	26.6	27	32	22.1	88	85	53	62	76	81	73.3	.....
31..	58.65	59.32	60.25	57.84	57.85	59.53	58.91	24.2	23	32.7	32	27.8	27	27.8	35	22.6	88	91	54	59	76	76	74	.....
Mean	58.75	59.03	59.99	57.51	57.74	59.45	58.75	24.2	23.1	31.5	32.4	28	26	27.5	34.7	22.6	82.5	84	53.9	54.7	73.3	78.9	71.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km	*Km.*	*Km*	*Km.*	*Km.*	*0–10*			*0–10*		
1.	Calm	S	SSE	NW	NNW	Calm	9.5	56	96.1	53.7	215.3	0	Ci.	Cu.	2	Ci.	Cu.
2..	SSW	SSE	SSE	NW	NW	Calm	51.3	73.5	75.6	38.6	239	0	Ci.	Cu.	9	A.-Cu. E	Cu.-N.
3..	SW	SE	SSE	NNW	NW	NNW	29	54.4	110	109.2	302.6	8	Ci.	S.-Cu. NE	1	.....	Cu.
4..	S	S	ENE	NNW	NNW	SSW	35.6	44 5	89.3	30.1	199.5	0	.....	S.-Cu.	2	.....	Cu.
5..	SE	SE	SE	NW	NW	W	37.5	54.2	70.3	38	200	1	.....	S.-Cu.	2	.....	Cu.
6..	SE	SE	SE	NNW	NNW	NW	41.3	70.8	133.6	98.8	344.5	9	Ci.	S.-Cu.	2	.....	Cu.
7..	SW	SW	SE	NNW	SSE	SE	31.4	60.2	90.1	72.7	254.4	1	Ci.	Cu.	6	A.-Cu.	Cu.
8..	SE	S	SE	SE	NNW	S	97.6	112.5	98.4	39.6	348.1	0	.....	.....	4	A.-Cu. NE	Cu.
9..	SE	SE	WSW	NNW	NWbyN	NWbyN	48.1	46.1	105.9	94.1	294.2	0	Ci.	Cu.	1	.....	Cu.
10..	N	SE	SE	NNW	NNW	SSW	49.4	56.8	112.9	55.3	274.4	8	Ci.-S.	S.-Cu.	2	.....	Cu.
11..	SSE	SSE	SSE	NW	N	SSE	92.3	72.9	84.2	72.7	322.1	2	Ci.	Cu.	8	Ci.-S.	Cu.-N. SE
12..	SE	SE	SE	NNW	NNW	NNW	53.1	62.8	104.3	57.6	277.8	8	Ci.	Cu.	4	Ci.	Cu.
13..	SW	S	SE	SSE	NW	NNW	35.7	80.8	89.3	67.8	273.6	4	Ci.-S.	.....	6	Ci.	Cu.
14..	Calm	SE	E	NNW	NNW	SW	35.7	44.8	71.1	46.7	198.3	8	Ci.	S.-Cu.	10	Ci.-S.	Cu.-N.
15..	SW	SE	SSE	NNW	NW	SE	26.8	60.2	97.4	71	255.4	9	Ci.	S.-Cu.	5	Ci.	Cu.
16..	SE	SE	SE	NNW	NW	S	39.2	81.3	114.8	61.5	296.8	4	Ci.	S.-Cu. NE	1	.....	Cu.
17..	SSE	SE	SSE	SSE	ENE	SSE	58.5	72.9	94.1	80.5	306	9	Ci.	S.-Cu.	8	Ci.-Cu. E	Cu.-N.
18..	SE	SSE	SE	NWbyN	NE	SE	85	81.6	102	28.2	296.8	10	A.-Cu.	S.-Cu.	3	A.-Cu.	Cu.
19..	SE	SE	SSE	NNW	NNW	Calm	30.3	48	118.8	64.4	261.5	0	.....	Cu.	2	.....	Cu.
20..	E	Calm	SSE	NNW	E	SE	30.1	53.9	84.7	30	198.7	0	.....	Cu.	3	.....	Cu.-N.
21..	SE	Calm	SSE	NNW	NNW	S	24.4	39.2	93	39.6	196.2	1	Ci.	S.-Cu.	2	.....	Cu.
22..	Calm	SE	S	NNW	NNW	S	30.6	53.7	106.2	48.5	239	0	Ci.	Cu.	2	.....	Cu.
23..	SSE	SEbyS	SE	NWbyN	NWbyN	SW	62.3	56.6	103.3	48.9	271.1	0	.....	Cu.	2	.....	Cu.
24..	SSE	SbyE	SSE	E	ENE	SE	92	61.5	47.8	25.4	226.7	10	Ci.-S.	Fr.-N.	9	A.-Cu.	Fr.-N. SE
25..	SE	SE	SSE	SSE	SE	SSE	26.6	75.9	87.2	114.6	304.3	9	A.-Cu.	S.-Cu. SSE	9	A.-Cu.	Fr.-N.
26..	SbyE	SE	SE	SSE	SE	SE	92.7	85.3	104.6	37.8	320.4	10	A.-Cu.	S.-Cu.	9	A.-S.	S.-Cu.
27..	SE	Calm	SE	NWbyN	NW	NNW	23	40.7	112.5	57.4	233.6	8	A.-Cu.	S.-Cu.	9	A.-Cu.	Cu.-N.
28..	Calm	Calm	SSE	NNW	NNW	NNW	5.1	54.9	106	68.1	234.1	1	.....	Cu.	3	Ci.	Cu.
29..	Calm	SSE	SSE	NNW	NNW	SSW	14.7	41	109.4	38.4	203.5	9	Ci.-S.	Cu.	3	Ci.	Cu.
30..	S	Calm	N	NNW	NWbyN	NNW	38	39.4	108.4	57.1	242.9	6	Ci.	S.-Cu.	4	Ci.	Cu.
31..	Calm	Calm	SE	NbyW	NW	NNW	4.2	33.3	110.2	66	213.7	4	Ci.	S.-Cu.	3	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	42.9	60.3	97.8	58.5	259.5	4.5	.....	.....	4.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,044.5	.....	.....	.....	.....	.....	.....

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

APRIL, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	59.04	59.23	60.56	58.03	57.72	59.84	59.07	24.5	25	32.3	32.2	28.9	27.8	28.4	33.8	24.1	81	73	49	49	69	80	66.8	.....
2..	58.75	59.18	59.80	57.12	57.07	59.32	58.45	25.2	23.6	32.5	33	28.5	27.8	28.4	34.3	23	89	90	49	50	77	82	72.8	0.3
3..	58.14	58.42	59.72	56.93	57.29	59.28	58.30	26	25	30.2	31.5	27.5	27.1	27.9	32.4	24.7	88	88	68	65	80	82	78.5	.....
4..	58.44	58.78	59.42	56.48	57.38	59.10	58.27	27	25	33.1	33.9	28	25.7	28.8	34.7	24.5	83	89	58	60	85	86	76.8	2.1
5..	58.80	58.95	60.28	57.32	57.27	59.09	58.62	25	23.2	31.6	33	28.9	28	28.3	36.7	22.6	83	84	56	52	72	79	71	.....
6..	58.12	58.17	58.92	56.64	56.74	59.13	57.95	25.2	23.5	33	33	29	24.6	28	35.6	23.1	85	88	54	61	77	86	75.2	4.1
7..	58.13	58.02	58.95	56.29	56.14	58.49	57.67	23.3	22.6	32.4	33.9	29	27.6	28.1	35.2	22.3	91	94	55	53	72	76	73.5	.....
8..	57.49	57.36	57.99	54.94	56.26	58.33	57.06	25.2	23.8	33.3	36.6	31	26	29.3	37.1	23.4	84	89	53	40	52	83	66.8	2.8
9..	57.31	57.40	58.38	55.96	57.05	58.85	57.49	25.1	23.7	32	31.5	29.5	25.3	27.8	37	23.5	81	85	53	62	70	88	73.2	.6
10..	58.22	58.16	59.02	55.96	56.62	58.25	57.70	24.5	24.5	33	34	29	25	28.3	36.5	23.9	92	92	56	58	77	84	76.5	.....
11..	57.06	56.82	57.22	54.77	54.65	57.09	56.27	23.7	23	33	36.5	31.7	25.1	28.8	37.2	22.6	86	90	55	47	66	90	72.3	2.3
12..	56.27	56.41	57.08	54.25	54.30	57.55	55.98	24	23.8	33	34.3	30.5	25.8	28.6	36.6	23.5	91	92	59	49	66	84	73.5	5.1
13..	56.69	56.87	58.12	55.87	56.03	58.22	56.97	24.7	24.1	32	32.5	30.3	28.5	28.7	35.9	24	91	95	63	60	72	80	76.8	.....
14..	57.95	58.19	58.77	56.36	57.09	59.18	57.92	26.3	24.5	31.5	33.2	29.5	28.5	28.9	34.8	24	85	91	60	60	73	78	74.5	2.3
15..	58.43	58.27	59.21	55.33	56.15	57.72	57.52	24.3	23.7	32.5	33.5	29.4	28.3	28.6	34.8	23.5	94	93	60	55	78	82	77	.....
16..	56.59	57.22	57.94	55.51	55.98	57.68	56.82	25.9	24.1	31.5	32.6	29	28.5	28.6	33.9	23.8	88	93	66	59	74	78	76.3	.....
17..	56.59	57.06	57.80	56.25	56.15	58.05	56.98	27.1	25	33	29.1	29.4	26.3	28.3	34.2	24.6	83	91	57	71	72	79	75.5	.....
18..	57.32	57.41	58.32	55.66	56.68	58.25	57.27	25.3	23.7	32.6	34	30	28.6	29	36.6	23.4	84	93	64	56	71	80	74.7	.....
19..	57.33	57.32	58.13	55.52	56.20	58.97	57.24	27	24.4	32.6	35.5	28.5	23.9	28.6	37.6	23.4	82	93	57	49	82	92	75.8	38.6
20..	57.50	57.07	57.82	55.81	55.81	57.62	56.94	23.7	23.7	32.1	31.5	30.3	28.5	28.3	36.2	23	93	91	62	66	69	78	76.5	1
21..	57.11	57.15	57.75	55.08	55.44	57.53	56.68	24.6	24	32	33.1	29.6	26.8	28.4	34.1	23.5	82	86	63	58	71	78	73	.....
22..	56.80	57.02	57.79	55.02	54.71	57	56.39	24.7	24	32.5	34.5	31	28.5	29.2	35	23.4	86	89	56	51	68	75	70.8	.....
23..	56.49	56.47	57.42	55.24	55.27	57.32	56.37	25.8	24.3	33.4	34.5	30.5	28.9	29.6	36.7	24	83	87	55	56	72	78	71.8	.....
24..	57.03	57.03	58.32	56.32	56.65	58.23	57.26	28.5	28	32	33	29.5	28.6	29.9	34.2	27.6	84	82	64	63	70	76	73.2	.....
25..	57.94	57.80	58.91	56.44	56.03	57.94	57.51	26.6	25	32.1	33.4	30	27	29	33.8	24.5	83	88	61	58	71	80	73.5	.....
26..	57.45	57.26	58.03	55.85	55.73	57.65	57	26.4	25.9	33.1	34.9	30.7	29.1	30	37	25.5	79	80	58	54	67	76	69	.....
27..	57.13	56.97	58.17	56.41	55.99	57.68	57.06	26.8	25	31.9	33.1	29.8	28.5	29.2	34.7	24.9	86	92	57	55	71	75	72.7	.....
28..	56.78	56.89	57.90	55.89	55.95	57.12	56.76	27.8	27.5	31.1	32	29.1	28.2	29.3	32.9	26.5	79	81	67	63	75	79	74	.....
29..	56.56	56.88	57.17	54.58	54.50	56.66	56.06	25.1	24.5	32	36.1	31.2	24.5	28.9	36.9	23.3	87	88	57	44	63	91	71.7	16
30..	55.97	56.39	57.19	55.49	56.61	58.21	56.64	24.6	24.5	32.3	27.5	25	24.8	26.4	34.7	23.3	87	87	60	69	88	88	79.8	8.6
Mean	57.45	57.54	58.40	55.91	56.18	58.18	57.28	25.5	24.4	32.3	33.2	29.5	27.1	28.7	35.4	23.9	85.7	88.5	58.4	56.4	72.3	81.4	73.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	83.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SSE	S	Calm	NNW	NNW	Calm	65.8	60.2	103.3	42.1	271.4	9	Ci.	S.-Cu. SSE	3	Ci.	Cu.
2..	Calm	N	Calm	N	NNW	NWbyN	8.6	38.9	108.4	64.1	220	1	Ci.	Cu.	6	Ci.-S.	Cu.
3..	NNW	SE	NNW	N	NNW	NNW	27.4	38.6	128.4	104.3	298.7	10	Ci.-S.	Fr.-N. SSE	3	Ci.	Cu.
4..	N	Calm	SE	NW	N	W	33.8	39.9	90.9	41.3	205.9	9	Ci.	S.-Cu.	4	Ci.	Cu.
5..	W	S	SE	NW	NNW	NNW	22.8	54.5	95.2	81.1	253.6	6	Ci.	S.-Cu.	7	Ci.-S.	Cu.
6..	SW	S	SSE	NNW	N	SE	33.5	49.6	110.2	44	237.3	2	Ci.	Cu.	7	Ci.	Cu.-N.
7..	SE	Calm	SE	NNW	NNW	NNW	30	49.4	102.4	95.8	277.6	2	Ci.	Cu.	3	Ci.	Cu.
8..	NE	ENE	SSE	ESE	SE	SE	21.7	52.1	98.4	42.8	215	2	Ci.-S.	Cu.	5	Ci.-Cu.	Cu.-N.
9..	SE	SE	SE	NW	NW	S	48.9	71.4	103.8	32	256.1	1	A.-Cu.	Cu.	6	Ci.	Cu.-N.
10..	S	SE	SSE	NW	NW	SE	28.8	56.5	100.1	58.2	243.6	9	A.-Cu.	S.-Cu.	2	Ci.	Cu.-N.
11..	SE	SE	SSE	SSE	NW	Calm	39.4	84.2	81.5	61.2	266.3	0	.....	Cu.	2	.....	Cu.
12..	E	E	SE	SE	WSW	E	28.2	77.4	82.4	47	235	1	A.-Cu.	S.-Cu.	7	.....	Cu.-N. SW
13..	Calm	SE	SE	WbyN	N	NNW	28.5	56.9	62	27.1	174.5	1	Ci.	Cu.	8	.....	N. SW
14..	S	Calm	E	NWbyN	N	W	23.3	32.2	93.9	79.4	228.8	3	Ci.-S.	Cu.	3	Ci.	Cu.-N.
15..	SE	SE	SE	NNW	NNW	WNW	35.4	46.7	103	71.6	256.7	1	Ci.	Cu.	2	Ci.	Cu.-N.
16..	SE	SE	NNW	NW	NW	NNW	26.8	42.4	105.4	81.5	256.1	9	A.-Cu.	Cu.	5	A.-Cu. W	Cu.-N.
17..	NNW	ENE	S	WNW	N	SE	47	41.3	95	39.4	222.7	8	Ci.-S.	Cu.	9	A.-S.	Fr.-N.
18..	Calm	ESE	SE	NNW	NNW	NW	34.1	49.6	70.8	98.5	253	9	Ci.-S.	Cu.	3	Ci.	N.
19..	NNE	ENE	SE	SSE	NW	W	39.7	76.7	80.8	68.9	266.1	1	Ci.	.....	5	Ci.-S.	Cu.-N.
20..	SE	SE	SSE	WSW	WNW	NNW	38.6	78.4	77.5	45.6	240.1	4	Ci.-S.	Cu.	9	A.-S.	Fr.-N.
21..	SE	SE	S	NNW	NNW	S	22.5	37.2	98	60.2	217.9	10	Ci.-S.	Cu.	3	Ci.	Cu.
22..	SE	SE	SE	NW	NNW	NW	25.9	40.8	68.4	50.5	185.6	8	Ci.-Cu. W	S.-Cu.	6	Ci.-S.	Cu.
23..	Calm	Calm	SE	NNW	NNW	NW	9.4	43.3	78.1	70.3	201.1	0	Ci.	Cu.	2	.....	Cu.
24..	NNW	NW	N	NW	NW	NW	50.7	54.4	110.7	87.1	302.9	1	.....	Cu.	1	Ci.	Cu.-N.
25..	N	NE	NE	NWbyN	NNW	E	27.2	38.6	92.8	34.1	192.7	3	Ci.	Cu.	1	.....	Cu.
26..	SE	SE	SE	NW	NNW	NNW	53.3	67.4	84.5	85	290.2	0	Ci.	S.-Cu.	2	.....	Cu.
27..	SW	SE	E	WNW	NW	NW	31.2	47.3	81.3	80	239.8	1	Ci.	Cu.	8	Ci.-S.	Cu.-N.
28..	NNW	NNW	NNW	NW	NNW	NNW	50.9	53.6	107.6	57.7	269.8	1	.....	Fr.-N. NW	1	.....	Cu.
29..	S	SSE	SE	SSE	N	S	32.2	79.4	74.2	56.1	241.9	6	Ci.-S.	.....	2	.....	Cu.
30..	S	SE	SE	NE	NE	SE	45.7	39.1	78.4	23.9	237.1	6	Ci.-S.	S.-Cu.	10	.....	N.
Mean	.....	.....	.....	.....	.....	.....	33.7	54.9	92.2	61	241.9	4.1	.....	.....	4.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,257.5	....	.....	.....	....	.....	.....

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

MAY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	56.52	56.83	58.13	56.40	56.53	58.30	57.12	23.6	23	29.4	31	28.4	27.5	27.2	31.6	22.5	95	95	71	67	76	80	80.7	.....
2..	57.17	57.93	59.05	56.37	56.92	58.59	57.67	24.8	24.6	31	32.4	29.5	25.4	28	33.3	24	89	93	68	64	70	84	78	.....
3..	56.87	57.04	57.67	55.03	55.23	57.93	56.63	24	23.7	31.9	32.8	29.6	28.5	28.4	34.7	23.1	91	88	65	61	73	73	75.2	.....
4..	56.52	57.38	58.20	56.01	56.12	57.73	56.99	24.9	24	31.7	32.6	29	28.2	28.4	33.6	23.4	90	93	59	65	74	78	76.5	.....
5..	56.90	57.33	58.41	56.08	56.18	58.43	57.21	26	25.3	32.9	31.7	30.9	28.2	29.2	36	24.9	87	90	58	56	60	75	71	.....
6..	57.46	57.70	57.96	56.17	56.92	58.23	57.41	25.6	24.6	34	32	29	28.3	28.9	36.5	24.2	84	89	50	61	74	74	72	.....
7..	57.08	57.11	58.28	55.65	56.36	58.38	57.14	25.8	25	33.1	31.3	26.8	25.8	28	36.7	24.5	90	92	56	61	86	89	79	7.1
8..	57.28	56.86	57.77	56.68	56.76	58.75	57.35	24.8	24.1	30.1	25.9	26.4	26.1	26.2	35.7	23.5	91	95	68	84	87	89	85.7	38.1
9..	57.45	57.46	58.42	56.85	57.42	58.92	57.75	24.5	24.4	31.7	28.5	30	26.7	27.6	34.3	23.9	95	92	67	81	65	83	80.5	4.6
10..	57.30	57.35	58.81	57.23	56.85	58.17	57.62	26.4	24.8	26.3	26.3	27.4	25.3	26.1	29.1	24.2	91	92	86	85	77	92	87.2	5.8
11..	57.17	57.07	57.12	55.59	55.79	57.65	56.73	23.9	23.6	31.6	31.5	29.6	27.6	28	34.3	23.3	93	95	64	69	75	82	79.7	1.3
12..	56.76	57.43	58.47	56.48	56.43	58.20	57.30	26	25.3	32.1	29	29.5	26.6	28.1	33.6	24.9	91	93	64	78	70	86	80.3	.....
13..	57.55	58.16	58.07	56.25	58.28	59.45	57.96	25.6	25.5	32.1	33.5	29	26	28.6	34.5	25	88	91	67	60	79	87	78.7	.....
14..	59.18	59.52	59.72	57.11	58	59.74	58.88	24.8	24.5	32.8	32.2	29.5	23.7	27.9	35.1	23.1	89	92	61	65	77	89	78.8	15.7
15..	59.29	60.12	59.10	56.85	57.96	60.06	58.90	24	23.4	31.7	35.8	30	24.7	28.3	37	22.8	91	93	66	45	73	91	76.5	26.4
16..	59.08	59.34	59.35	57.23	57.62	59.58	58.70	24.4	24	32.5	33.4	30.5	26.4	28.5	35.7	23.5	92	95	63	59	66	87	77	.5
17..	58.85	59.01	59.73	57.40	58.29	59.79	58.84	25.3	24.8	32	33.7	30.1	28.9	29.1	35.7	24	88	88	57	53	75	76	72.8	.....
18..	59.18	59.63	60.51	57.96	57.94	59.29	59.08	26.4	25	33.4	34.2	30	28.9	29.6	36.8	24.6	79	91	58	60	76	78	73.7	.....
19..	58.50	59.23	59.63	57.06	57.71	58.08	58.37	25.5	24	32.8	35.6	30.3	27.5	29.3	36.4	23.6	88	87	56	46	74	86	72.8	.....
20..	57.13	57.15	58.20	56.01	56.54	59.69	57.45	25	24.5	32.4	33.9	30.2	23.9	28.3	34.8	23.2	91	87	58	54	73	91	75.7	5.6
21..	58.57	57.51	58.35	55.43	56.48	58.55	57.48	23.5	23.5	32	33	30	25.8	28	35.2	22.8	93	94	65	59	72	88	78.5	.....
22..	57.85	57.76	58.27	56.12	57.95	58.88	57.80	24.7	24.2	32.7	34.6	25	24.8	27.7	37.1	23.1	89	91	62	54	91	92	79.8	14
23..	58.16	58.44	58.95	57.68	58.57	59.48	58.55	24	23.9	30.5	30.9	24.7	24.5	26.4	34.5	23.5	96	96	68	66	92	93	85.2	22.9
24..	58.36	58.33	59.07	56.48	57.28	58.68	58.03	23.8	23.7	30.9	33.5	27.3	25.3	27.4	34.7	23.2	97	95	72	61	78	90	82.2	.....
25..	57.96	57.93	57.85	55.45	55.50	57.87	57.09	24.4	24	31.5	35.1	26.6	25	27.8	36.2	23.7	91	94	68	50	86	92	80.2	53.9
26..	57.42	57.43	58.08	56.19	56.91	58.40	57.40	24.4	24	31	34.5	26.8	25.4	27.7	35.1	23.4	96	97	69	54	83	89	81.3	.5
27..	57.68	58.18	59.03	56.83	57.01	58.98	57.95	24.5	24.1	31.5	34.5	31.5	25.2	28.6	35.8	23.6	95	96	66	57	72	92	79.7	49.6
28..	57.97	58.07	58.15	55.67	56.88	58.24	57.50	25.4	25.1	32	35	26.3	27	28.5	36.3	24.6	96	95	71	59	84	80	80.8	.3
29..	57.30	57.90	57.43	55.76	55.95	57.75	57.02	25	25	32	32	29	27.9	28.5	36.1	24.5	90	92	66	69	81	84	80.3	.....
30..	56.66	57.34	57.84	56.07	56.53	57.52	56.99	26	25.5	32.5	33.5	28.9	28	29.1	37	25.1	89	93	67	61	81	85	79.3	.....
31..	56.85	57.65	58.29	56.26	56.92	58.55	57.42	26.4	26.1	33.5	32.8	28.9	25.8	28.9	35.6	25	91	94	63	64	79	91	80.3	.8
Mean	57.68	57.94	58.51	56.40	56.96	58.64	57.69	24.9	24.4	31.8	32.5	28.7	26.4	28.1	35.1	23.8	90.8	92.5	64.5	62.2	76.7	85.4	78.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	247.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SE	SE	NW	NW	NNW	NW	32.8	47.3	123.6	73.8	277.5	4	.....	S.-Cu.	1	Ci.-S.	Cu.
2..	SW	Calm	NW	NW	NNW	SE	16.3	31.4	98.5	52.5	198.7	6	A.-Cu.	S.-Cu.	2	Ci.	Cu.
3..	Calm	Calm	SE	WNW	NW	W	32	30.8	92.2	80	235	1	Ci.	S.-Cu.	2	.....	Cu.-N.
4..	E	SE	N	NW	NW	N	24.3	33.2	83.7	61.8	203	4	Ci.	Cu.	1	Ci.	Cu.-N.
5..	SE	SE	SE	S	SE	SE	42.6	97.7	86.6	22.5	249.4	9	Ci.	S.-Cu.	9	A.-S.	Fr.-N.
6..	SE	S	SE	NW	NNW	NW	26.8	56.3	106.2	82.4	271.7	9	Ci.-S.	Fr.-N.	7	Ci.-S.	Cu.-N.
7..	SE	SE	SE	SSW	E	Calm	38.9	75	81	30.6	225.5	10	Ci.-S.	Cu.	9	A.-S.	Fr.-N.
8..	Calm	SE	SE	N	SW	N	23.6	66.2	46.9	34.1	170.8	9	Ci.-S.	S.-Cu.	10	Ci.-S.	Fr.-N.
9..	SE	SE	SSE	NW	NW	W	42.1	69.5	50.1	36	197.7	9	Ci.-S.	S.-Cu.	10	Ci.-S.	N.
10..	Calm	S	SW	WNW	NW	SW	21.4	35.9	45.9	26.4	129.6	9	Ci.-S.	Fr.-N.	10	A.-S.	N.
11..	ESE	SE	SE	NW	NW	Calm	32	41.5	75.9	36.5	185.9	9	Ci.-Cu.	S.-Cu.	9	Ci.-S.	Fr.-N.
12..	Calm	W	N	SSW	W	Calm	21.9	42.1	77.2	29.8	171	5	Ci.-S.	S.-Cu.	9	Ci.-S.	N.
13..	S	S	NNW	NW	NNW	Calm	28	44.1	94.8	38	204.9	9	A.-S.	Fr.-N.	8	Ci.-S.	Cu.-N.
14..	SE	SE	Calm	WNW	NNW	ENE	30.4	40.4	107.8	59.2	237.8	5	Ci.-S.	S.-Cu.	4	Ci.	Cu.-N.
15..	E	Calm	ESE	SE	NW	Calm	29.3	62	104.1	47.5	242.9	8	Ci.-Cu.	S.-Cu.	7	Ci.-Cu.	Cu.-N.
16..	Calm	S	SSE	NNW	NW	ESE	23.6	53.4	94.6?	70	241.6?	8	Ci.-Cu.	S.-Cu.	4	Ci.-S.	Cu.
17..	S	SE	SE	NNW	NNW	NNW	30.4	46.4	103.6	92	272.4	9	.....	Fr.-N.	4	Ci.	Cu.-N.
18..	Calm	Calm	SW	NNW	NNW	NNW	27.1	49.9	102.7	82.4	262.1	2	Ci.	S.-Cu.	2	.....	Cu.
19..	SE	SE	SE	NNW	NNW	Calm	41.2	53.7	101.6	55.7	252.2	1	.....	S.-Cu.	2	Ci.	Cu.-N.
20..	Calm	Calm	SE	NW	NNW	Calm	20.6	40.8	100.9	61.2	223.5	0	Ci.	Cu.	4	Ci.-S.	Cu.-N.
21..	SE	SE	SE	NW	NW	SE	34.6	43.3	77.2	64.1	219.2	1	Ci.	S.-Cu.	7	Ci.-S.	Cu.-N. S
22..	SE	Calm	SE	WNW	Calm	Calm	42.1	51.5	79.2	18.2	191	8	Ci.-Cu.	S.-Cu.	9	Ci.-S.	Cu.-N.
23..	Calm	SE	SE	WNW	NE	NE	19.1	49.7	70.2	25.5	164.5	8	Ci.-S.	S.-Cu.	10	Ci.-S.	Fr.-N. SE
24..	Calm	E	SE	N	W	SE	27.7	34.3	74.8	52.6	189.4	10	Ci.-Cu.	S.-Cu.	3	Ci.	Cu.
25..	SE	E	SE	S	NW	NE	41.8	64.4	76.1	38.6	220.9	9	A.-Cu.	S.-Cu.	4	Ci.	Cu.
26..	Calm	SE	SE	SSE	NE	E	28.7	74.6	86.9	39.4	229.6	8	Ci.-S.	S.-Cu.	8	Ci.	Cu.-N. SW
27..	SE	SE	SE	SE	W	SE	40	69.8	77.7	39.7	227.2	8	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
28..	Calm	Calm	SE	SE	NE	NW	11.9	44	81.3	51.5	188.7	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
29..	E	Calm	SE	WNW	WNW	WNW	24.4	52.8	115.1	74.3	266.6	5	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
30..	SW	SE	SSE	NW	NNW	Calm	34.3	70	102	53.9	260.2	9	A.-Cu.	S.-Cu.	5	Ci.-S.	Cu.-N.
31..	SE	Calm	SSE	NNW	NE	SE	28.4	52.3	102.4	41.8	224.9	6	Ci.-S.	S.-Cu.	4	Ci.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	29.6	52.4	87.8	50.7	220.5	6.7	.....	.....	6.1	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,835.4	.....	.....	.....	.....	.....	.....

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

JUNE, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.								Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.87	57.93	58.85	56.16	56.83	58.91	57.76	25	25	31.5	33.3	28.5	24.5	28	36.1	23.7	93	92	71	65	82	92	82.5	33.5
2..	57.62	57.98	58.25	56.14	57.07	57.60	57.44	23.7	23.6	30	31.5	26.4	24.5	26.6	34.4	23.3	97	97	71	63	80	95	83.8	4.6
3..	56.62	57.03	57.65	55.66	56.77	57.50	56.87	24.4	24.5	32	34.5	28.9	24.3	28.1	35.1	23.7	94	95	70	58	75	94	81	6.6
4..	56.67	56.88	56.91	55.62	56.62	58.21	56.82	23.7	23.6	32	35	29.4	26.8	28.4	36	23	96	95	67	57	74	86	79.2	.....
5..	56.97	57.46	58.42	56.66	56.58	58.62	57.45	25.1	24.9	32.7	34	29.6	27.4	29	36.3	24.2	90	92	64	62	80	77	77.5	.....
6..	57.99	58.25	58.61	56.73	57.17	58.98	57.96	25.4	25.5	33	31.7	29.6	25.2	28.4	36.8	24.9	91	91	65	70	78	93	81.3	11.2
7..	58.04	58.02	58.27	56.48	56.54	58.19	57.59	25	25	33	35.3	30	29	29.6	36.4	24.5	94	92	64	52	74	81	76.2	.....
8..	57.87	57.80	58.23	56.49	57.48	58.83	57.78	26	25	32.6	35.5	28.6	27.5	29.2	37	24.1	89	88	62	51	80	87	76.2	2.5
9..	58.60	58.55	58.91	56.66	57.56	58.75	58.17	25.2	24.6	32.3	35	28.8	28	29	36	24	94	94	63	54	73	81	76.5	.....
10..	58.07	58.12	58.23	56.96	57.78	58.60	57.96	25.3	24.5	33	32.3	30.5	26.8	28.7	35.1	24	92	92	55	58	65	82	74	.....
11..	57.87	57.88	57.66	55.99	55.86	57.08	57.06	25.2	24.6	33	35.1	30	27	29.2	37	24	90	91	60	50	65	75	71.8	.....
12..	56.32	57.03	57.33	56.42	56.11	57.65	56.81	26.2	26	32	34.2	31.5	28	29.6	34.8	24.9	78	76	57	53	62	73	66.5	.....
13..	57.17	57.15	57.37	55.50	55.40	57.47	56.68	25.1	24.5	33	35	32	27	29.4	36.7	23.5	83	83	53	45	55	73	65.3	.....
14..	57.17	57.65	57.71	55.99	56.28	58.18	57.16	25.2	24.5	33.6	34.9	30.5	28.1	29.5	36.7	24	79	83	54	50	63	83	68.7	.....
15..	57.61	58.32	58.88	56.87	57.53	60.12	58.22	26	24.7	33.3	36.6	29.1	26.3	29.3	37.2	24.2	85	86	55	45	80	89	73.3	.5
16..	58.29	57.82	58.30	55.85	55.53	57.35	57.19	24.3	24	30.6	34	30.6	29.4	28.8	34.7	23.4	94	95	72	59	71	75	77.7	.....
17..	56.40	56.95	57.09	54.96	55.13	56.83	56.23	27.4	26	33.5	34	31.2	29	30.2	35.9	25.4	82	89	64	58	64	81	73	3.8
18..	56.27	56.66	57.02	55.50	55.68	58.01	56.52	25.5	24.5	32.6	33.4	30.5	25.1	28.6	35.4	24	95	93	65	61	69	90	78.8	2
19..	57.31	57.76	58.36	56.66	57.65	59.21	57.82	24.2	24.1	32.4	32.7	26	24.3	27.3	35.7	23.6	91	92	69	60	84	95	81.8	14.2
20..	58.32	58.01	58.89	58.03	58.03	59.03	58.38	24.3	24.4	31.5	27.5	28	26.1	27	34.7	23.6	95	95	72	84	81	89	86	3.5
21..	58.02	57.90	58.14	56.65	56.32	58.34	57.56	25	24.6	31.5	28.5	29.5	27	27.7	34.7	24.1	95	94	68	78	75	87	82.8	9.1
22..	57.87	57.35	57.42	56.09	56.26	57.62	57.10	25	24.5	31.1	26.5	27.1	24.8	26.5	33.8	24	95	95	70	84	87	93	87.3	19.3
23..	56.62	56.63	57.27	55.54	55.90	57.70	56.61	24.3	23.5	29	33.4	29.1	25.7	27.5	34.6	23	91	95	78	53	73	90	80	.....
24..	57.48	57.51	56.95	55.94	56.75	57.92	57.09	24.7	24.1	29.4	32.2	27	24.7	27	33.7	23.7	92	95	72	63	80	94	82.7	.8
25..	57.01	57.09	56.25	55.28	56.11	57.27	56.50	24.4	24	31.2	30.6	25.6	25	26.8	34.0	23.5	93	95	70	68	91	93	85	1.6
26..	55.86	55.72	55.60	53.77	54.77	56.28	55.33	24.2	23.5	28.7	32.2	25.1	24	26.3	33.4	23	93	93	73	57	94	96	84.3	7.9
27..	55.78	55.69	56.89	55.99	56.95	58.61	56.65	23.1	23.1	28.4	27	25.8	24	25.2	31.9	22.8	97	97	77	84	93	96	90.7	17.3
28..	57.43	57.52	58.81	57.42	58.17	60.24	58.26	23.7	23.6	27.8	31.7	26	25	26.3	32.7	23.4	97	97	83	68	91	93	88.2	24.4
29..	58.88	58.51	58.50	57.23	56.99	58.80	58.15	25.4	24	29.6	32.5	30.5	28	28.3	34.7	23.5	88	95	77	63	69	82	79	.....
30..	57.96	57.67	58.09	56.34	57.22	57.82	57.52	26.3	25.4	31.5	32.8	26.5	24.5	27.8	34.2	24	90	94	69	62	86	92	82.2	.....
Mean	57.40	57.49	57.83	56.19	56.63	58.19	57.29	24.9	24.5	31.5	32.8	28.7	26.2	28.1	35.2	23.8	91.1	92	67	61.2	76.5	86.9	79.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	162.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	SE	SE	WNW	SSE	Calm	25.5	60.7	93.6	44.1	223.9	9	A.-Cu.	S.-Cu.	8	Ci.-S.	Cu.-N.
2..	Calm	SE	SE	SW	NE	SE	28.4	44.9	60.6	56.9	190.8	10	A.-S.	S.-Cu.	9	Ci.-S.	N. SW
3..	Calm	E	SE	NbyW	NW	SE	33.8	46.9	67.8	50.9	199.4	9	A.-Cu.	S.-Cu.	9	Ci.	Cu.-N.
4..	SE	SE	SE	SSE	NW	SE	35.4	81.1	85.5	49.6	251.6	4	Ci.-Cu.	S.-Cu.	2	Ci.	Cu.-N.
5..	SE	SE	ESE	WbyN	NNW	SW	30.8	78.6	80.8	47.7	237.9	6	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N.
6..	S	SE	SE	WNW	N	SE	26.4	68.6	98.4	42.3	235.7	5	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
7..	SE	SE	SSE	S	NNW	WbyN	34.3	55.2	75.9	59.8	225.2	8	Ci.	S.-Cu.	4	Ci.	Cu.
8..	SE	SEbyS	SSE	S	NW	N	30.8	66.8	66.3	50.2	214.1	9	Ci.-S.	Cu.	4	Ci.	Cu.
9..	E	E	SE	SSE	NNW	NW	24.9	73.2	88.5	65.4	252	10	.....	Fr.-N.	4	Ci.	Cu.
10..	S	SSE	SE	NNW	SW	SW	37.2	67.9	58.1	23.3	186.5	2	Ci.	Cu.	9	Ci.-S.	Cu.-N.
11..	S	SE	SSE	SSE	SSE	SSE	28.5	81.8	76.7	63.9	250.9	4	A.-Cu.	Cu.	7	Ci.-S.	Cu. E
12..	SE	SE	SSE	SE	SSE	S	79.4	120.9	104.3	25.7	330.3	3	A.-Cu.	Cu.	8	Ci.-S. SE	Cu.
13..	S	E	SE	SSE	SE	Calm	43.1	93.9	90.1	40.8	267.9	1	Ci.	Cu.	4	Ci.	Cu.
14..	SE	SSE	SSE	SSE	SSE	Calm	36	82.1	83.2	22.3	223.6	0	Ci.	Cu.	5	A.-Cu. E	S.-cf. NE
15..	SW	SSE	SE	SSE	W	E	32.8	62.5	101.6	72.9	269.8	3	Ci.	Cu.	4	Ci.	Cu.
16..	SE	SE	N	NNW	NNW	NW	37.8	47	91.2	70.5	246.5	0	Ci.	Cu.	2	Ci.	Cu.
17..	E	SE	SSE	WNW	W	NW	34.9	61.7	108.4	45.4	250.4	9	Ci.-S.	S.-Cu. SSE	8	Ci.	Cu.
18..	SE	SE	SE	W	NW	SE	37.6	45.7	85.5	46.5	215.3	1	Ci.	Cu.	7	A.-Cu. E	Cu.-N.
19..	SE	SE	SE	WSW	NE	SE	29	71.6	74.2	50.1	224.9	5	A.-Cu.	S.-Cu.	10	Ci.	Fr.-N.
20..	SE	SE	SE	W	NW	NW	46.4	65.2	43.3	16.6	171.5	9	A.-Cu. WSW	S.-Cu.	10	A.-S.	N. SSE
21..	W	SE	SE	W	NW	E	30.8	48.8	46.5	36.5	162.6	10	Ci.-S.	Cu.	9	A.-Cu.	N.
22..	Calm	SE	ESE	W	Calm	SE	20.6	61.8	39.6	39.7	161.7	10	A.-S.	S.-Cu.	10	.....	N.
23..	SE	SE	SE	SE	W	E	50.2	61.2	63.9	45.4	220.7	10	Ci.-S.	Cu.	9	Ci. E	Cu.
24..	Calm	SE	SE	S	NE	NE	34.9	82.3	80.2	36.8	234.2	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.
25..	E	SSE	SE	NNW	SW	SW	38.6	55	60.4	22.5	176.5	10	Ci.-S.	Cu.	10	A.-S.	N. SE
26..	SE	SE	E	NW	N	SE	33.2	37	80.5	50.1	200.8	9	A.-S.	Fr.-N.	6	Ci. E	Cu.-N.
27..	SE	SE	SEbyS	NE	E	SE	49.7	72.4	61.8	65	248.9	10	A.-S.	Fr.-N. ESE	10	A.-S.	N. SW
28..	SE	SE	SE	SE	NE	W	66	58.2	56.6	38.3	219.1	10	A.-S.	Fr.-N.	9	A.-Cu.	Fr.-N. S
29..	Calm	SbyE	SE	S	NWbyN	Calm	34.8	67.8	74.8	39.7	217.1	10	A.-S.	Fr.-N.	3	Ci.-S.	Cu.
30..	NW	S	SE	NNW	E	Calm	30.4	36.8	70	26.6	163.8	2	Ci.	Cu.	8	Ci.-S. E	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	36.7	65.3	75.6	44.8	222.5	6.6	.....	.....	7.1	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,673.6	.....	.....	.....	.....	.....	.....

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

JULY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.16	57.23	57.92	56.24	55.79	57.40	56.96	24	24.1	26	31	29.4	26.1	26.8	33.3	23.6	95	95	91	73	75	85	85.7	.....
2..	56.68	56.11	57.18	55.59	56.35	58.06	56.66	24.7	24	31	33.1	28.5	26.1	27.9	34	23.7	92	95	72	66	80	87	82	4.4
3..	56.37	56.35	56.99	55.12	55.47	57.16	56.24	24.5	24	30.4	32.9	30.4	26.8	28.2	33.5	23.4	95	95	74	60	71	83	79.7	.....
4..	56.01	55.69	56	54.99	55.31	56.16	55.69	25.2	25.2	31.1	28.6	25.7	25.2	26.8	32.6	24.5	93	95	68	81	83	89	84.8	3.8
5..	55.18	54.69	55.16	54.54	54.32	55.68	54.93	24.4	23.7	29.9	25	25.7	24.6	25.6	31	23.3	94	98	76	93	93	95	91.5	31.2
6..	54.34	54.92	55.09	54.92	54.45	56.21	54.99	24.1	23.6	29.7	26.2	27.5	24.4	25.9	31.4	23.2	97	97	75	90	81	94	89	53.1
7..	55.84	55.36	55.49	54.28	54.61	56.06	55.27	23.7	23.7	28.9	31.3	28.7	25.9	27	32.4	23.3	97	97	76	68	73	89	83.3	.....
8..	55.66	55.22	55.80	54.45	54.68	55.81	55.27	24.7	23.7	28.8	30.3	24.8	23.8	26	32.7	23.2	93	97	78	70	89	96	87.2	7.9
9..	55.39	54.96	56	54.35	54.50	56.31	55.25	24.1	23.8	28.7	31.7	26.4	25.4	26.7	33.3	23.3	93	95	81	64	88	91	85.3	.8
10..	54.52	55.52	55.98	55.47	55.57	56.20	55.54	25.4	24.3	30.8	25.7	26.1	24.7	26.2	33	23.9	94	97	73	92	88	96	90	26.7
11..	54.68	55.31	56.32	55.15	55.40	56.02	55.48	24.3	23.7	26.2	25.9	25.7	24.5	25	27.2	23.4	96	97	93	93	92	93	94	37.4
12..	54.58	54.43	54.75	53.63	54.24	55.29	54.49	23.8	23.4	25.5	23.8	24.2	24	24.1	25.8	23.1	97	99	91	95	94	96	95.3	55.9
13..	54.21	53.49	54.46	54.52	54.61	55.63	54.49	23.3	22.8	25.6	24.3	24.3	23.7	24	26.2	22.5	97	97	90	95	94	97	95	53.1
14..	54.69	55.27	55.30	55.39	55	56.48	55.36	23.9	23.4	28.1	23.7	22.9	22.7	24.1	30.7	22.3	94	98	81	94	96	97	93.3	28
15..	55.35	55.69	56.83	55	55.08	56.25	55.70	22.4	22.7	26.3	29	28.4	24.6	25.6	29.6	22	95	94	85	83	87	93	89.5	34
16..	56.27	55.89	56.33	54.50	54.56	55.57	55.52	24.4	25.2	28.7	30.8	27.9	27.2	27.4	31.8	23.9	94	90	78	71	80	84	82.8	23.8
17..	54.11	53.29	54.49	54.10	54.03	54.93	54.16	24.4	25.3	24	23.7	23.7	23.9	24.2	26.6	22.9	96	97	95	97	95	94	95.7	152.4
18..	53.70	53.65	55.17	54.17	54.16	55.68	54.42	24.2	24	24.3	25.2	24.3	24	24.3	25.7	23.4	96	93	95	93	95	96	94.7	40
19..	54.57	54.68	55.99	55.41	54.52	56.93	55.35	23.7	23.4	25	24.5	25	23.8	24.2	25.8	23	97	98	93	97	94	96	95.8	24.7
20..	55.85	55.79	56.65	56.92	57.07	58.22	56.75	23.2	23.4	27.8	25.8	24.1	23.7	24.7	29.7	22.7	98	94	82	91	95	97	92.8	10.7
21..	56.84	56.48	56.97	56.09	57.31	58.53	57.04	23.5	23.4	28.5	31.7	25.3	24.6	26.2	32.7	22.7	98	96	78	64	86	92	85.7	4
22..	57.11	57.87	58.10	57.42	58.32	59.56	58.06	24	23.5	28.6	25.4	23.5	24.2	24.9	33.3	23.1	97	97	78	88	93	95	91.3	27.9
23..	58.32	58.78	59.10	57.69	58.38	59.59	58.64	23.5	23.4	30	31.7	28.7	25	27	32.7	23	98	98	77	60	70	88	81.8	.....
24..	58.21	57.96	58.52	57.36	57.65	59.33	58.17	24.7	23.7	30.4	28.9	28.2	24.5	26.7	31.4	23.2	92	97	73	75	72	87	82.7	6.9
25..	57.62	56.54	57.91	56.08	56.41	57.80	57.06	23.4	23.5	29.4	29	29	25.4	26.6	33.5	22.7	91	95	74	83	71	91	84.2	1
26..	56.46	56.45	56.90	55.60	56.35	57.23	56.50	25	24.4	28.6	30.3	24.7	24.8	26.3	31.6	24	92	96	82	70	92	93	87.5	5.6
27..	55.91	55.84	56.69	54.86	55	56.21	55.75	24.8	24.3	27.2	30.3	25.9	25.2	26.3	32.2	23.5	95	97	83	73	88	93	88.2	41.3
28..	54.56	55.32	55.81	54.95	55.06	56.29	55.33	24.1	24.3	26.2	28.1	27	26.2	26	29.8	23.7	97	97	87	79	82	91	88.8	18.2
29..	55.02	55.43	56.06	54.94	55.46	56.85	55.63	25.4	25	28.5	28.4	26.8	25.2	26.6	31.4	24.4	96	95	83	80	83	93	88.3	.....
30..	55.25	55.89	56.70	55.79	56.21	57.52	56.23	24.4	23.9	28.5	26.9	25.2	24	25.5	31.2	23.4	96	96	81	87	94	97	91.8	37.4
31..	55.69	56.29	56.59	55.26	55.79	57.18	56.13	23.8	23.9	29.4	27.5	26.3	25.4	26	31.8	23.2	97	96	76	84	85	94	88.7	4.3
Mean	55.68	55.69	56.36	55.32	55.54	56.84	55.91	24.2	23.9	28.1	28.1	26.3	24.8	25.9	30.9	23.3	95.2	96.1	81.3	80.9	85.8	92.3	88.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	734.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	E	E	SE	SE	NE	SE	29.5	41.8	34.3	28.5	134.1	10	A.-S.	Fr.-N.	10	A.-Cu.	S.-Cu.
2..	Calm	SE	SEbyS	NNE	Calm	NW	29.2	52.3	67.6	54.2	203.3	9	Ci.-S.	S.-Cu.	8	Ci.-S. E	Cu.
3..	SE	SE	SE	NW	Calm	Calm	30.6	45.9	65.4	29.5	171.4	1	Ci.	Cu.	4	Ci.	Cu. NWbyW
4..	Calm	S	E	W	SW	E	25.7	35.9	75	37.3	173.9	8	Ci.	Cu.-N. SSE	8	A.-Cu.	Cu.-N.
5..	S	SE	SE	SW	Calm	SE	31.9	57.4	49.3	28.7	167.3	9	Ci.	Cu. SE	10	.....	N.
6..	SE	SE	SE	NE	SE	NW	46.1	61.5	46.1	41.6	195.3	7	A.-Cu.	Cu. SE	10	Ci.-S.	Fr.-N. SW
7..	SE	SE	SE	N	WbyS	S	35.1	61.5	59.8	56	212.4	9	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N. S
8..	SE	SE	EbyS	NNW	SE	SE	45.4	59.2	53.7	38	196.3	7	A.-Cu.	Cu.-N.	10	A.-Cu.	N. SW
9..	SE	SE	SE	N	NNE	SE	41.2	43.8	51	33	169	7	A.-Cu.SW	Cu.	10	Ci.	Cu.-N.
10..	SE	SSW	SE	NW	Calm	S	22.8	48.9	33.8	26.9	132.4	9	.....	Cu.-N.	10	.....	N. NNW
11..	Calm	S	Calm	SSW	WSW	SW	15.8	29.3	34.3	33.8	113.2	8	Ci.	Cu.-N.	10	.....	N.
12..	Calm	SE	Calm	WSW	SW	SE	21.9	22.8	39.9	62.3	146.9	10	.....	N. W	10	.....	N.
13..	E	ESE	E	E	ESE	SE	65.4	60.4	78.3	80.8	284.9	9	Ci.	Fr.-Cu.SW	10	.....	N. SW
14..	SE	ESE	SE	S	SKbyS	S	75.8	85.1	70.8	56.5	288.2	10	.....	Fr.-N. S	10	.....	N.
15..	SE	SE	SSE	SE	Calm	NW	42	55	28.2	27.9	153.1	9	.....	Cu.-N.	10	Ci.-S.	Cu.-N.
16..	Calm	NW	NW	NW	NW	N	23.6	48.3	107	84	262.9	7	Ci. SW	Cu.-N.	6	Ci.-S. SSW	Cu.
17..	SW	NW	SE	SE	SbyE	SE	48.6	83.2	43.8	56.8	232.4	10	.....	Fr.-N. NW	10	.....	N.
18..	SE	SE	SE	SE	SE	SE	113	113	84.3	92.3	402.6	10	A.-Cu.	Fr.-N. SE	10	.....	N. SEbyS
19..	SE	SE	SE	E	SE	SE	85.9	94.8	85.1	89.1	354.9	10	.....	N. SE	10	.....	N.
20..	SE	SE	SE	SE	SE	SE	94.3	83.4	53.3	43	274	10	.....	Cu.-N. S	10	.....	Fr.-N. SW
21..	SE	SE	SE	E	W	NE	43	82.4	84.2	24.7	234.3	9	A.-Cu. S	Cu.-N.	9	A.-Cu. SSE	Cu.-N. S
22..	S	SE	SEbyS	NbyE	Calm	Calm	38.9	69.2	57.6	21.9	187.6	9	Ci.-S.	S.-Cu. SW	9	.....	Cu.-N. SW
23..	Calm	NNE	SE	NNW	WNW	N	25.9	44.1	85.5	78.7	234.2	7	A.-Cu.	Cu.-N.	4	Ci. S	Cu.-N.
24..	W	SbyE	SE	N	W	N	26.4	59.2	42.6	42.3	170.5	3	Ci. SSE	Cu.	10	Ci.-S.	Cu-N. SSW
25..	NE	SE	SE	W	N	E	26.6	70.3	48.1	47.7	192.7	10	Ci.	Fr.-N. S	8	Ci.	Cu.-N. SW
26..	SE	SE	SE	NNW	N	E	34.6	45.3	77.2	34.4	191.5	8	A.-Cu.	Cu. SE, SW	7	Ci.-S. SSE	Cu.-N.
27..	SE	SE	EbyS	NE	N	S	41.6	49.3	55.2	49.1	195.2	10	.....	N.	10	Ci.-S.	Cu.-N. NW
28..	SW	S	WSW	NW	NW	Calm	22	24.7	38.8	11.6	97.1	10	.....	Fr.-N. NW	10	A.-Cu.	Fr.-Cu.NW
29..	W	NW	Calm	NW	N	SE	12.7	24.4	58.7	28	123.8	10	.....	Fr.-N. NW	10	.....	Fr.-N. NW
30..	SE	SE	SE	SE	E	S	43	52.5	46.2	38.4	180.1	9	Ci.	Cu.-N. S	10	Ci.-S.	Cu.-N. SW
31..	S	S	SE	W	SW	SW	24.3	48.5	48.1	27.2	148.1	6	A.-Cu.	Cu. S	10	.....	Fr.-N. SSW
Mean	.....	.....	.....	.....	.....	.....	40.7	56.6	58.2	45.3	200.8	8.4	.....	.....	9.1	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,223.6	.....	.....	.....	.....	.....	.....

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

AUGUST, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	56.01	56.17	57.12	56.21	56.26	57.01	56.46	24.8	24.4	29	26.7	24.8	24.8	25.8	30.8	24	97	94	79	90	87	90	89.5	18.5
2..	56.48	56.42	57.36	55.81	56.06	57.70	56.64	24.5	24.3	29	28.4	27.5	26.7	26.7	31.7	24	95	95	78	87	84	89	88	3.3
3..	56.62	56.26	57.45	55.83	55.74	57.14	56.51	25.2	25	29.6	31.5	28.7	26.3	27.7	32.4	24.5	96	95	80	70	78	92	85.2	.6
4..	55.92	56.17	56.64	54.90	56.24	57.22	56.18	25.4	25.4	29	28.7	24.4	24	26.2	32	23.4	90	97	81	78	94	96	89.3	65.8
5..	56.91	56.83	57.52	55.99	56.70	57.85	56.97	23.7	23.7	26.4	29.7	26.2	24.1	25.6	30.7	23.3	97	97	86	73	88	91	88.7	1.8
6..	57.56	57.67	58.69	56.75	56.91	58.18	57.63	23.9	24.2	30.4	32	28.4	27.8	27.8	33.6	23.4	95	94	72	58	80	82	80.2	.....
7..	57.06	57.15	57.76	56.40	56.06	57.36	56.96	26.5	25.4	30.3	29.7	28.6	26.7	27.9	32.4	25.2	94	96	71	72	75	89	82.8	.....
8..	56.52	56.77	57.10	54.89	56.92	57.17	56.56	24.8	24.5	29.5	33.5	25	24.4	27	33.9	21.6	89	94	77	64	92	95	85.2	76.7
9..	56.38	57.12	57.46	55.78	56.16	57.55	56.74	24.2	23.7	30	31.7	28.9	26.8	27.6	33.7	23.2	96	97	71	68	71	90	82.2	.....
10..	57.02	57.05	57.80	55.66	55.78	55.83	56.52	25.8	25.9	30.5	31	28.7	27.2	28.2	32.3	25.2	93	88	74	72	79	88	82.3	.6
11..	53.89	54.31	55.35	54.46	55.03	56.85	54.98	27.3	25.4	25.9	25.5	25.6	24.8	25.8	27.6	24.2	87	93	95	96	97	97	94.2	23.3
12..	56.03	56.59	57.16	56.02	56.33	58.06	56.70	24.7	24.5	29.2	31.2	29.6	27.1	27.7	34.3	24.2	97	98	81	67	71	78	82	.....
13..	57.67	57.56	58	55.96	56.47	58.28	57.32	24.9	24.6	31	32.9	29.6	27.8	28.5	34.3	24.3	91	97	73	61	77	86	80.8	.....
14..	56.95	56.65	57.55	55.78	56.09	56.96	56.66	27.2	26.4	30.8	32.2	29	28	28.9	33	26	85	93	77	67	78	83	80.5	.....
15..	56	56.18	57.15	55.33	55.03	56.38	56.01	27.5	27.2	30.5	30.9	28.7	28.3	28.8	31.7	26.8	84	87	76	74	79	80	80	.....
16..	54.95	54.39	54.82	53.03	52.95	53.45	53.93	27.9	27.3	29.7	30.7	28.4	27.9	28.6	31.2	26.8	79	81	73	72	77	80	77	10.2
17..	52.29	52.32	52.62	51.33	50.65	52.15	51.89	27.1	25.5	28.3	30	28.4	27.6	27.8	30.8	24.3	83	92	78	75	82	84	82.3	2.6
18..	51.52	51.81	52.66	51.58	52.26	54.10	52.32	27.1	25.9	29.7	31	27.4	25.5	27.8	32	24.5	79	90	76	70	89	91	82.5	4.1
19..	53.81	54.29	55.77	54.61	54.82	56.31	54.94	24.9	24.5	26.2	27.8	26.4	25.7	25.9	28.4	24.1	94	97	93	82	93	93	92	8.1
20..	56.12	56.23	57.25	55.65	56.75	58.40	56.73	25.1	24.7	29.7	28.1	27.1	26.1	26.8	30.4	24.4	94	97	77	86	90	94	89.7	.5
21..	57.59	58.40	58.37	57.25	58.32	59.84	58.30	25	25	30.6	32.5	29.4	27.9	28.4	33	24.5	94	98	77	65	74	80	81.3	1
22..	58.44	58.71	59.42	57.82	58.18	59.83	58.73	26.5	24.3	31.7	31.7	28.7	28.2	28.5	34.8	23.8	94	93	68	70	80	84	81.5	.....
23..	58.67	58.65	58.93	57.67	59.57	60.01	58.92	26.7	25.6	31.7	32.9	28	25.7	28.4	33.8	25	91	96	70	68	82	90	82.8	.....
24..	59.18	59.30	59.87	58.04	58.98	60.06	59.24	25	23.8	31.4	33.3	28.5	25.2	27.9	35.2	23.6	91	97	72	65	74	91	81.7	.....
25..	59.17	59.40	59.72	57.32	58.15	59.05	58.80	24.4	24.7	31.3	33	27.9	25.9	27.9	34.4	23.7	92	92	70	59	82	89	80.7	5.9
26..	58	58.23	58.75	56.66	56.45	57.64	57.62	24.9	25	31.3	32.4	28.7	26.7	28.2	33.4	24.5	96	95	68	68	79	89	82.5	.....
27..	57.05	57.72	58	56.21	56.55	58.60	57.36	26.7	25.9	30.4	33.2	29.5	28.4	29	34.5	25.5	90	92	76	66	79	85	81.3	.5
28..	58.19	58.21	58.71	56.37	56.68	58.69	57.81	26.8	26	32.8	32.5	29.4	27.5	29.2	33.6	24.8	92	95	70	70	77	87	81.8	.....
29..	57.54	57.35	57.77	55.01	55.03	56.60	56.55	24.9	24.8	31	32.3	29.4	25.8	28	33.1	24.5	90	96	73	69	78	88	82.3	5.1
30..	55.39	55.37	55.94	53.76	53.94	56.40	55.18	25.4	24.9	31.5	35	30.1	25.6	28.8	35.8	24.5	94	97	73	55	75	89	80.5	.3
31..	55.15	54.73	55.58	53.15	53.54	55.65	54.63	25.4	24.7	31.8	34	28.1	26.8	28.5	35.2	24.3	94	94	71	58	85	92	82.3	2
Mean	56.45	56.58	57.24	55.52	55.95	57.30	56.51	25.6	25.1	30	31.2	28	26.5	27.7	32.7	24.4	91.4	94.1	76	70.8	81.5	88.1	83.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	230.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SE	SE	SE	NbyE	S	SW	53.1	76.2	48.8	27.9	206.0	10	A.-Cu.	Cu.-N. SSW	10	Ci.-S.	Cu.-N. SW
2..	S	SE	ESE	WbyN	W	W	37.3	60.7	37.6	24.3	159.9	5	Ci.	Cu. SSW	8	A.-Cu.	Cu.-N. S
3..	Calm	WbyS	SW	NW	SW	S	15.5	22.5	52.9	43.1	134	8	Ci.-S.	S.-Cu.WNW	9	Ci.-S.	N.-cf. NW
4..	S	Calm	SE	SE	SbyW	S	25.5	34.4	60.6	29.2	149.7	10	.....	Cu.-N. S	10	Ci.-S.	Cu.-N.WNW
5..	SE	ESE	ESE	EbyS	SE	E	40.8	86.3	57.1	53.7	237.9	10	.....	Fr.-N. SE	10	Ci.-S.	Cu.-N. SSE
6..	Calm	SSE	SE	NNW	NW	N	35.4	48.6	53.6	38.8	176.4	9	.....	Cu.-N. S	6	A.-Cu.	Cu.
7..	Calm	N	NNW	NW	NW	N	15.3	34.1	89.1	47	185.5	5	Ci. S	S.-Cu.	9	Ci.-S.	Cu.-N.WSW
8..	Calm	Calm	Calm	NNW	NW	Calm	14.7	28.5	77.4	30.6	151.2	4	Ci. S	Cu.	3	Ci.	Cu.
9..	NE	Calm	SE	NNW	N	SW	17.5	47.8	57.4	36.5	159.2	5	Ci. S	Cu.	8	A.-Cu.	Cu.-N.
10..	SW	NW	NW	NW	NW	NW	26	58.9	132.8	84.8	302.5	7	Ci.	S.-Cu. NNW	8	Ci.-S.SEbyE	Cu.-N.NWbyN
11..	W	W	WSW	SW	SE	SE	111	50.7	46.9	38.8	247.4	10	.....	N. WNW	10	Ci.-S.	N. WSW
12..	E	SE	SE	E	W	W	56	80.7	43.5	37.5	217.7	10	A.-Cu.	Cu.-N.	9	Ci.	Cu.-N. SW
13..	SW	S	SE	Calm	NNW	NW	32.2	57.6	58.2	88	236	7	Ci.-S.WSW	Cu.-N.	7	Ci.-S.	Cu. EbyN
14..	W	W	W	NW	NW	NW	42.4	31.6	101.7	100	275.7	9	.....	Cu.-N.NW	1	Ci.	Cu.
15..	NW	NW	NNW	NW	NW	NW	69.8	93.8	167.6	140.6	471.8	3	Ci.	S.-Cu. NW	2	Ci.	Cu.-N.
16..	NW	NW	NW	NW	NW	NW	136.5	134.6	173.2	129.7	574	5	Ci.	Cu.	5	A.-Cu. NE	Cu.
17..	NW	NW	W	WNW	W	W	115.4	112.9	129	122	479.3	10	.....	N. NW	10	Ci.-S.	cu.-N. WNW
18..	W	NW	SW	SW	W	SE	82.6	50.1	70.3	54.7	257.7	10	Ci.-S.	Cu.-N.WNW	10	Ci.-S.	Cu.-N. SW
19..	SE	SE	SE	E	E	SE	79.7	66.3	58.4	48.9	253.3	10	.....	Fr.-N. SSE	10	.....	Fr.-N. S
20..	SE	SE	SE	SE	SE	SE	47.5	67.3	50.1	22	186.9	10	Ci.-S.	Cu.-N. S	10	Ci.-S.	Cu.-N.
21..	Calm	SE	SE	SW	NW	NW	17.1	58.5	75.1	52.6	203.3	9	Ci.-S.	S.-Cu. SW	9	Ci.-S.	Cu.
22..	NW	SE	SE	NW	NW	NW	40.5	52.6	106.2	85.9	285.2	3	A.-Cu. N	Cu.	1	Ci.	Cu.
23..	NE	Calm	SE	NW	NNW	E	34.4	37	93.8	56.9	222.1	5	.....	Cu. S	3	.....	Cu.-N.
24..	E	Calm	SE	NW	NW	SSW	29.6	44.6	81.9	68.6	224.7	0	Ci.	S.-Cu.	3	Ci.-S.	Cu.
25..	SE	SE	SEbyE	NW	W	NW	28.2	47.3	89.3	56.3	221.1	6	A.-Cu. S	S.-Cu. SSE	3	Ci.-S.	Cu.-N.
26..	S	Calm	SE	NW	NW	Calm	22.5	41.3	85.1	61.5	210.4	7	A.-Cu.	S.-Cu. S	4	.....	Cu.-N.
27..	SW	S	SbyW	NW	NW	NW	30	41.6	93.8	67	232.4	7	Ci.	Cu. S, NW	2	Ci.	Cu.
28..	NE	NE	Calm	NW	NWbyW	E	25.1	31.7	107.2	65.2	229.2	4	Ci.	Cu. S	3	Ci.	Cu.
29..	SE	SE	NW	NW	NW	W	21.2	37	98.5	50.9	207.6	3	Ci.	Cu.	2	Ci.-S.	Cu. NW
30..	SE	SE	SEbyE	SSW	NNW	SW	32	53.1	71.6	34.4	191.1	8	Ci.	Cu. SE	2	Ci. S	Cu. ESE
31..	SW	SW	SSE	SSW	SE	S	16.4	51.2	48.6	54.7	170.9	1	Ci. S	Cu.	4	Ci.	Cu. S
Mean	.....	.....	.....	.....	.....	.....	43.6	56.1	81.2	59.7	240.6	6.8	.....	.....	6.2	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,460.1	....	.....	.....	....	.....	.....

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

SEPTEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	54.98	54.82	55.34	53.41	54.21	55.39	54.69	25.9	25.3	30.9	32.4	27.5	25.9	28	35	25	95	96	72	66	82	93	84	.....
2..	54.67	54.88	55.69	54.27	54.47	56.20	55.03	25.8	24.9	31.5	30.2	25.7	24.9	27.2	33.3	24.5	93	94	69	75	88	92	85.2	.....
3..	55.02	54.97	56.03	55.41	55.26	56.67	55.56	24.8	24.7	30.2	25.2	27.3	26.4	26.4	31.4	24.2	91	90	72	92	87	86	86.3	10.5
4..	55.87	55.93	56.57	54.70	55.03	56.76	55.81	25.4	24.8	28.2	31.5	27.9	25.4	27.2	33.2	24.1	93	91	81	71	88	93	86.2	1.6
5..	56.52	56.34	57.26	55.43	55.06	57.17	56.30	24.6	24.1	27.9	30	26.4	26.6	26.6	31	23.8	96	96	81	69	87	89	86.3	.....
6..	56.29	56.50	57.01	55.45	56.04	57.15	56.41	25	24.4	30	31.2	26.5	25.6	27.1	32.3	24.1	96	97	75	71	86	91	86	.8
7..	56.11	55.95	56.49	55	55.40	56.76	55.95	24.8	24.3	29.6	29.3	25.8	25.2	26.5	33.2	24	96	95	71	79	91	93	87.5	1.3
8..	55.58	55.39	56.36	54.23	55.04	56.30	55.48	24.7	24.4	29.9	32.3	28.5	23.6	27.2	33.3	23	96	95	80	67	83	97	86.3	24.6
9..	56.03	56.19	56.85	55.02	55.94	57.21	56.21	24.4	24.3	30.5	29.4	26.4	25.5	26.8	32.6	23.2	96	97	76	72	90	95	87.7	10.4
10..	56.31	56.31	56.94	54.41	54.70	56.73	55.90	25.4	24.4	27.9	28.5	26.3	25.1	26.3	30	24.3	92	94	79	79	87	97	88	44.4
11..	55.15	55.57	55.92	54.19	55.42	57.14	55.56	24.4	24.5	25	27.3	24.5	24.4	25	27.9	24	97	98	95	89	95	96	95	32.4
12..	56.17	56.52	57.66	56.04	57.37	58.64	57.07	24.1	23.8	28.8	29.7	25.9	24.7	26.2	30.8	23.5	97	98	80	72	92	97	89.3	7.9
13..	57.51	57.71	58.59	56.27	57.87	59.53	57.91	24.1	23.7	30.4	34	24.8	25.7	27.1	34.6	23.3	97	98	74	63	92	89	85.5	15.5
14..	57.77	58.02	59.21	57.64	57.34	59.44	58.24	26.2	23.6	28.4	30	27.4	26.2	27	31.2	23.2	88	97	83	74	86	92	86.7	.....
15..	58.58	59.05	59.10	56.91	57.39	59.33	58.39	24.7	23.7	30.5	33.6	28.6	26.7	28	34.1	23.4	94	97	71	60	75	92	81.5	.....
16..	57.77	58.09	58.87	56.50	56.48	57.55	57.54	25	24.1	30.4	31.7	28.6	27.8	27.9	33.2	23.8	96	97	73	64	76	82	81.3	.....
17..	57.10	56.81	57.99	56.08	57.04	58.43	57.24	25.4	24.8	30.6	32.1	27.8	25.9	27.8	32.4	24.5	93	98	70	65	74	89	81.5	.....
18..	57.85	58.43	58.93	57.40	58.15	59.44	58.37	24.4	23.9	29.7	30.7	28.6	26.4	27.3	32.4	23.7	93	93	76	67	75	90	82.3	.....
19..	58.50	59.25	59.08	56.86	58.06	58.91	58.44	25	24.2	31.7	33.5	26.7	24.8	27.6	34.8	23.9	94	97	70	61	83	91	82.7	.3
20..	57.48	57.85	58.23	56.46	56.70	58.19	57.48	23.9	23.7	31.1	32.6	28.8	27.3	27.9	33.7	23.4	96	97	69	63	75	87	81.2	.....
21..	57.57	57.61	58.58	57.78	58.06	59.39	58.16	25.7	24.7	31.8	27.4	27.1	25.4	27	34.3	24.4	93	92	65	76	75	86	81.2	.....
22..	58.22	58.33	59.10	57.08	58.36	59.19	58.38	24.8	24.4	31.2	32.7	25	24	27	33.4	23.4	89	94	68	69	97	97	85.7	14.7
23..	58.07	57.49	58.40	56.10	56.30	57.92	57.38	23.8	23.5	30	32.1	27.7	25.4	27.1	33.3	23.3	97	98	82	74	83	95	88.2	10.2
24..	56.93	57.47	58.11	54.94	56.30	57.35	56.85	24.4	24.4	29.5	31.2	25.6	25.4	26.8	32.7	23.9	95	97	80	72	93	94	88.5	13.7
25..	55.75	55.99	56.56	54.12	54.78	57.17	55.73	25	24.4	27.6	32.5	27.1	23.9	26.8	33.2	23.5	97	97	84	67	90	96	88.5	37.6
26..	55.17	55.42	56.84	54.62	56.18	57.72	55.99	23.8	23.7	29.6	31.6	25.4	24.8	26.5	33.3	23.2	97	98	79	68	94	97	88.8	68.1
27..	56.47	57.16	57.61	55	55.78	57.70	56.62	24.8	24.7	29.4	31.6	28.2	23.7	27.1	32.8	23.1	97	97	80	65	83	96	86.3	40.7
28..	56.15	55.92	56.76	54.32	55.26	57.29	55.95	24.3	24.9	28.4	31.6	27	25.6	27	32.4	23.6	97	96	82	68	92	94	88.2	19.8
29..	56.32	55.86	57.53	55.67	56.33	57.68	56.56	24.6	24.1	29.4	31	25	24	26.4	32.1	23.5	97	95	77	65	92	95	86.8	8.1
30..	57.32	56.92	58.03	56.29	57.23	58.98	57.46	23.8	24	29.9	29	28.2	25.6	26.8	32.4	23.5	97	97	76	81	74	91	86	2
Mean	56.64	56.76	57.52	55.59	56.25	57.78	56.76	24.8	24.3	29.7	30.9	26.9	25.4	27	32.7	23.7	94.8	95.9	76.3	70.8	85.5	92.4	86	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	364.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SSE	SSE	SSE	SSE	Calm	SE	23.3	69	60.2	43.8	196.3	9	Ci.	Cu.-N. SE	8	Ci.-S.	Cu.-N.
2..	SSE	SE	SE	SW	ESE	SE	63.4	95.6	95.8	102.5	357.3	8	Ci.	S.-Cu. SE	10	.....	Cu.-N. S
3..	SE	SE	SE	E	SE	SE	62.6	95.5	67.3	39.6	265	8	Ci.	Cu. SSE	10	.....	Fr.-N. SW
4..	SE	SE	SE	ESE	SE	NE	37	75	36.2	41.3	189.5	8	Ci.	s.-Cu. SSW	10	Ci.-S.	Cu.-N. SSW
5..	Calm	SE	NW	WNW	NNE	NW	35.7	30.6	99.5	48	213.8	8	Ci.	Cu.-N.	8	Ci. S	Fr.-Cu. NW
6..	NW	Calm	S	NW	SW	N	19.5	24.1	80.3	28.2	152.1	6	Ci.	S.-Cu.	4	Ci.	Cu. NW
7..	E	SE	SE	SW	E	SE	37.6	67.3	67.8	49.6	222.3	8	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. SE
8..	SE	SE	ESE	SE	Calm	S	35.9	58.5	51.5	54.7	200.6	10	Ci.	S.-Cu.	7	Ci.-S.	Cu.-N.
9..	E	SE	S	W	NNW	Calm	22.2	34	87.7	40.8	184.7	9	Ci.	Cu.-N. SE	9	A.-Cu.	cu.-N. WNW
10..	W	SW	W	NW	W	W	49.6	89.5	127.4	29.6	296.1	10	.....	Fr.-N. W	10	Ci.	cu.-N. WNW
11..	Calm	W	W	S	SE	E	18.7	37.5	42.3	42.3	140.8	10	.....	N. WNW	10	Ci.-S.	N. swbyw
12..	SE	SE	ESE	N	SE	SE	48.3	70.3	32.8	27.4	178.8	10	.....	N.	10	Ci.-S.	N. SW
13..	SE	S	ESE	S	NbyE	NW	32	69.8	69.7	60.4	231.9	6	Ci.	Cu. SSW	3	Ci.	Cu.-N.
14..	NW	N	NE	SE	SE	SE	32	24.3	45.4	20.6	122.3	7	Ci.	Cu.-N.	10	Ci.-S.	Cu.-N. ESE
15..	SE	SE	SEbyE	Calm	WNW	SE	29	54.5	80.3	49.9	213.7	1	Ci.	Cu.	2	Ci.	Cu. SE, NW
16..	SE	SE	SE	NW	NW	Calm	21.7	33.6	76.2	42.4	173.9	6	Ci.	Cu.	6	Ci. S	Cu.
17..	Calm	W	SSE	SSE	S	S	14.5	56.1	56.5	32.5	159.6	6	Ci.	S.-Cu.	9	Ci.-S.	Cu.
18..	SE	Calm	SSE	Calm	Calm	NE	35.9	27.4	22.5	19	104.8	6	A.-Cu. SE	Cu.-N.	9	A.-Cu. S	Cu.-N.
19..	Calm	E	SE	NNW	SW	S	20.4	35.1	68.4	24.7	148.6	10	.....	S.	2	Ci.	Cu.
20..	SE	SE	SE	NNW	N	SW	29.2	39.4	58.1	41.5	168.2	5	A.-Cu. NW	S.-Cu.	4	A.-Cu. NW	Cu.
21..	SE	ESE	S	N	SE	SE	22.5	69.2	64.4	26.4	182.5	8	Ci.	Cu.-N.	9	Ci. N.	SE
22..	SE	SE	ESE	NWbyW	SE	S	23.5	36.8	85.1	24.6	170	10	Ci.-S.	s.-Cu. SSW	6	Ci.	Cu.
23..	SE	SE	SE	NW	W	Calm	23	49.9	63.8	28.8	165.5	5	Ci.	S.-Cu. SE	4	.....	Cu.-N.
24..	W	S	SE	WNW	NE	N	27.1	49.3	55.7	21.9	154	4	Ci.	S.-Cu. SE	7	Ci. E	Cu.-N. W
25..	SE	SE	SE	SE	N	NE	32.8	60.4	55.5	38.3	187	8	Ci.	S.-Cu. SE	6	Ci.	Cu.-N.
26..	E	E	SE	SSE	Calm	SE	27.9	57.9	47.5	20.7	154	10	.....	S.	6	Ci.	Cu. S
27..	E	SE	SE	WNW	NW	E	20.4	40	68.4	32.5	161.3	10	Ci.-S.	S.-Cu. S	6	Ci.	Cu.
28..	SE	SbyE	SbyE	N	Calm	SE	30.3	40.4	42.1	43.7	156.5	10	Ci.-S.	S.-Cu. SSE	6	Ci.-Cu.	Cu.
29..	SE	SE	ESE	SE	SE	SE	55.5	52.5	45.3	48.9	202.2	10	Ci.-S.	Cu.	9	Ci.-Cu. SW	Cu.
30..	SE	SE	SE	WbyN	W	S	32.5	48.5	51.2	34.9	167.1	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Fr.-N.
Mean	.....	.....	.....	.....	.....	.....	32.1	53.1	63.5	38.6	187.3	7.8	.....	.....	7.3	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,620.4	.....	.....	.....	.....	.....	.....

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

OCTOBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.20	58.32	59.10	56.28	57.40	58.50	57.97	25	25	30	31.2	26	24.5	27	33	23.8	95	96	75	71	86	95	86.3	3
2..	57.42	58.31	58.37	56.30	56.65	58.55	57.60	24	24	30	30.8	28	25	27	33.2	23.5	95	95	77	73	83	88	85.2	.....
3..	57.68	57.71	58.14	56.32	56.60	58.26	57.45	24.3	24	29.9	30.9	28.6	26.6	27.4	32.7	24	97	98	75	68	78	88	84	21.3
4..	57.15	57.06	57.21	55	55.68	57.87	56.66	25.3	25.9	30	31	29	23.5	27.4	32.6	22.5	92	92	73	75	75	93	83.3	51.3
5..	55.54	55.37	56.04	53.68	54.50	54.86	55	23.6	23	30.5	30.8	27.2	25.8	26.8	31.2	22.2	97	97	75	76	88	89	87	10.4
6..	52.69	53.27	53.39	50.71	51.05	51.90	52.17	25.3	25	29.5	31.5	28.5	27	27.8	31.6	24.5	96	95	81	74	81	94	86.8	.....
7..	50.94	51.60	52.52	50.23	50.89	52.95	51.52	25.9	25.5	29.4	32	29	26.4	28	32.8	25	94	95	84	70	81	89	85.5	.....
8..	52.29	53.04	54.33	52.26	53.30	55.19	53.40	25	24.8	29.1	30.4	28.5	25.6	27.2	31.6	24.5	92	95	77	75	81	89	84.8	39.9
9..	55.13	55.86	57.10	55.53	56.45	57.62	56.28	24.3	24.5	28.7	29.5	28	26.5	26.9	31.7	23.9	94	96	83	79	84	92	88	.....
10..	56.90	56.84	57.96	55.63	56.38	57.80	56.92	25.2	24.1	28.4	30.1	27.6	25.6	26.8	31.2	24	93	97	82	75	91	94	88.7	.3
11..	57.03	57.67	58.35	56.55	57.74	58.91	57.71	25	25	28.1	30.1	27.6	26.2	27	31.2	24.4	95	95	83	74	87	94	88	.....
12..	58.02	58.22	59.40	57.38	58.33	59.58	58.49	25.4	24.9	30.5	31.8	27.6	25.1	27.6	32.7	24.5	96	94	74	66	87	91	84.7	8.4
13..	59.13	59.54	59.80	56.97	58.61	59.76	58.97	25.1	24.4	27.6	31.5	28	24.5	26.8	33.2	23.9	94	96	87	73	74	96	86.7	5.8
14..	58.73	58.91	59.50	57.08	58.20	59.50	58.65	24.5	24.5	31	27.5	25.1	24.7	26.2	33.8	24	96	97	76	88	95	97	91.5	20
15..	57.93	58.01	59.15	56.52	57.70	58.93	58.04	24.1	23.5	30.5	30.5	24	23.8	26.1	33.6	23.2	98	98	74	78	93	98	89.8	37.6
16..	57.82	57.98	58.93	56.71	57.09	58.15	57.78	23.8	23.5	29.8	26	26.1	24.9	25.7	32	23.1	98	97	79	92	88	96	91.7	17.6
17..	56.82	56.57	57.78	55.08	56.10	57.18	56.59	24.2	23.4	30.6	31	25.4	24.6	26.5	31.5	23.3	95	97	68	71	92	95	86.3	4.1
18..	56.44	56.67	57.55	55.35	56.45	57.47	56.66	24.4	23.5	30.1	31.6	28.5	25	27.2	32.1	23	91	92	73	68	78	88	81.7	.....
19..	56.78	56.82	57.77	55.61	56.48	57.86	56.89	24.3	23.6	31.5	32.5	28	25.7	27.6	33.8	23.4	92	97	71	69	79	88	82.7	.....
20..	56.87	57.28	57.85	55.37	56.05	57.30	56.79	24.7	24.5	30.5	32.5	28	25.5	27.6	33	23.9	94	92	71	66	81	93	82.8	.....
21..	56.45	56.95	58.17	55.74	56.58	58.11	57	25.2	24	31.6	32.1	28.7	26.4	28	33.5	23.8	95	97	71	63	75	93	82.3	.....
22..	57.07	57.10	58.02	55.46	56.91	58.49	57.18	25.6	25	30.6	32.6	26	25.9	27.6	34	24.4	96	96	75	66	87	96	86	.3
23..	57.17	57.40	58.79	56.33	57.97	58.06	57.62	24.7	24.4	31	32	24	23.8	26.6	33.6	23.3	98	97	75	72	95	98	89.2	17.8
24..	57.73	57.72	58.34	55.82	57.32	58.27	57.53	23.6	24	29.6	33	25.5	25.2	26.8	34.5	23	96	97	80	66	95	95	88.2	29.2
25..	57.18	57.60	57.93	55.16	56.20	58.40	57.08	25.1	24.2	31	33.9	29	25.1	28	34.4	24	95	98	75	62	78	96	84	20.6
26..	56.63	56.90	57.78	55.24	56.33	57	56.65	24.9	24	30.7	29.6	28.1	26.6	27.3	33.8	23.9	98	98	76	75	84	94	87.5	.....
27..	55.67	56.41	57.64	54.53	55.24	56.81	56.05	25.5	24.5	31	33.5	29	26.6	28.4	34.2	24.2	96	95	72	63	84	94	84	.....
28..	55.94	57.20	58.33	56.06	57.35	59.13	57.34	25.3	24.4	31.5	33.7	28.7	26	28.3	34.5	24	94	96	73	59	79	89	81.7	.....
29..	58.39	58.88	59.59	57.11	57.78	59.20	58.49	24.8	24.3	31.6	33.6	29.8	27.5	28.6	34.5	23.8	93	96	69	57	71	86	78.7	.....
30..	58.11	58.30	58.56	56.66	57.55	58.53	57.95	25.3	24.1	32	33	29.2	25.8	28.2	35.4	23.9	89	94	63	63	76	83	78	.....
31..	57.30	57.52	58.27	56.39	56.52	57.72	57.29	24.6	23.6	31.9	32.6	29	25.5	27.9	34	23.4	87	90	60	58	76	87	76.3	.....
Mean	56.68	57	57.80	55.45	56.37	57.67	56.83	24.8	24.3	30.3	31.4	27.6	25.5	27.3	33.1	23.8	94.5	95.6	75.1	70.5	83.3	92.2	85.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	287.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	S	Calm	ESE	SSW	W	SE	14.3	48.5	73.5	39.2	175.5	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N. WSW
2..	Calm	SE	SE	SE	W	W	21.1	66.2	50.9	31.9	170.1	9	A.-Cu. ESE	S.-Cu.	10	A.-S.	Cu.
3..	Calm	Calm	SE	NNW	NW	NW	20.3	34.3	53.3	28.4	136.3	9	Ci.-S. W	S.-Cu.	9	Ci.-S.	Cu.
4..	SW	N	WNW	NNW	W	Calm	32.4	43.1	86.4	39.9	201.8	8	Ci.-S.	Fr.-N.	7	A.-Cu. S	Cu.-N.
5..	W	W	NNW	NW	NW	W	21.5	40.5	91.5	44.3	197.8	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
6..	SE	SE	SE	NW	NNW	NW	21.4	27.9	62.6	35.6	147.5	10	Ci.-S.	Fr.-N.	9	A.-Cu. NE	Cu.
7..	E	SE	E	NW	NW	ESE	52.1	37	69.2	56.3	214.6	10	.....	Fr.-N.	8	A.-Cu. NNE	Cu.
8..	Calm	SE	E	NW	NW	E	26.6	40	150.3	91.4	308.3	10	A.-S.	S.-Cu. WSW	10	Ci.-S.	Cu. NW
9..	S	SE	SE	NW	W	ENE	38.4	37	[a]19	[b]11.5	[c]105.9	10	.....	N.	9	Ci.-S.	Fr.-N.
10..	E	EbyN	EbyN	WNW	NW	E	26	20.4	67.4	38	151.8	10	A.-S.	S.-Cu.	10	Ci.-S.	Cu.
11..	E	ESE	SE	SE	W	Calm	38.8	62.5	57.6	23.5	182.4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
12..	NW	SE	SE	NW	NW	NW	23.3	44	81.6	77.9	226.8	10	A.-S.	Fr.-N.	5	Ci.-S.	Cu.
13..	SE	Calm	SSE	NW	S	E	14.8	33	66	30.8	144.6	10	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.
14..	S	E	SSE	N	NW	SW	21.7	61.7	68.9	29.6	181.9	10	Ci.-S.	Fr.-N.	10	Ci.-S.	N.
15..	S	SSE	SE	NW	NW	Calm	46.2	55.8	59.7	14.8	176.5	4	Ci.	S. E	8	Ci.-Cu.	Fr.-N. SSE
16..	S	SE	SE	ENE	Calm	SE	21.2	35.7	46.5	24.3	127.7	10	A.-Cu.	Fr.-S.	10	.....	N.
17..	SE	Calm	Calm	NW	NW	SW	47	30.3	69.8	20.9	168	2	Ci.	S.-Cu.	1	Ci.	Cu.
18..	Calm	Calm	Calm	NW	N	SSE	19.9	6.4	16.3	30.6	73.2	2	Ci.	S.-Cu.	2	Ci.	Cu.
19..	SE	SE	SE	E	NE	SE	37.2	57.9	45.1	27.1	167.3	9	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N. NE
20..	SE	EbyS	SE	N	SE	SE	35.1	39.9	51.8	29	155.8	10	Ci.-S.	S.-Cu. NE	4	Ci.-S.	Cu.
21..	E	E	SE	NW	NW	NW	26.9	40.5	81.3	48.5	197.2	9	Ci.-S.	S.-Cu.	1	Ci.	Cu.-N.
22..	S	SE	SE	SE	E	SE	34.1	59	55.7	31.2	180	10	A.-S.	Fr.-N.	8	Ci.-S.	Cu.-N.
23..	SE	Calm	SE	N	S	SSE	33.3	41.8	55.2	19.6	149.9	10	A.-S.	Fr.-N.	10	A.-Cu.	Cu.-N.
24..	SE	SE	ESE	SE	S	SW	39.2	64.1	51.7	19.1	174.1	10	Ci.-S.	Fr.-N. E	4	Ci.	Cu.
25..	E	SE	SSE	SSE	N	N	23.9	75.9	63	43.1	205.9	9	Ci.-S.	S.	1	Ci.	Cu.-N.
26..	ESE	SE	SE	WNW	N	NW	33.2	65.8	71	43.1	213.1	8	Ci.-S.	Cu.	10	Ci.-S.	Fr.-N.
27..	NW	SE	SE	S	NW	Calm	22.5	52.6	52.8	25.7	153.6	10	Ci.-S.	Cu.	9	Ci.-S.	Cu. SE
28..	SE	SSE	SE	SE	NW	S	25.7	75.9	60.9	49.3	211.8	1	Ci.	Cu.	7	Ci.-S.	Cu.-N.
29..	SW	SW	SSE	SSE	N	Calm	23.1	47.3	42.8	30.6	143.8	8	Ci.-S.	Cu.	6	Ci.-S.	Cu.
30..	S	ESE	SE	NNW	N	S	37.5	60.2	55.5	41.8	195	10	Ci.-S.	Cu.	4	Ci.	S.-cf. ENE
31..	E	EbyS	ESE	NNW	Calm	SW	44.8	40.5	57.9	30.6	173.8	1	Ci.	Cu.	1	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	29.8	46.6	62.4	35.7	174.6	8.4	.....	.....	7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,412	....	.....	.....	....	.....	.....

(a) 3 hours missing. (b) 4 hours missing. (c) 7 hours missing.

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

NOVEMBER, 1917.

Day	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	56.71	57.12	57.99	55.94	56.29	57.69	56.96	24.2	23.5	31.5	32.6	29	26.4	27.9	33.5	23.1	86	88	68	63	75	86	77.7	.....
2..	56.98	57.66	58.43	55.81	56.45	58.03	57.23	24	23	31.5	34.5	29.1	26	28	35.2	22.9	94	93	67	52	70	77	75.5	.....
3..	57.27	57.70	58.48	56.39	57.50	58.65	57.66	25	23.5	31.1	32	28.4	25.6	27.6	33	23.4	83	90	64	64	81	83	77.5	.....
4..	57.48	58.41	59.53	57.90	57.86	59.31	58.42	24.3	24.5	28.6	27	25.1	25	25.8	29	24	82	78	69	75	83	87	79	.....
5..	58.63	59.32	60.12	57.72	57.76	58.80	58.72	25	24	30	31.2	28	25.6	27.3	31.6	23.5	87	91	70	68	82	82	80	.....
6..	58.33	59.10	60.42	58.38	58.43	59.30	58.99	24.4	23.1	30.6	31.5	27.1	25	27	33.1	22.9	86	90	54	61	76	81	74.7	.....
7..	58	58.85	59.39	57.38	58.44	60.26	58.72	24.3	23.8	31.8	31	26.2	25	27	33	23.1	81	81	60	64	75	80	73.5	.....
8..	58.81	59.22	59.95	57.75	58.71	59.08	58.92	23.8	24.3	30.6	31.1	26.5	24.4	26.8	33	23.5	85	84	68	66	80	87	78.3	.....
9..	58.18	57.93	58.19	55.80	56.33	57.12	57.26	23.6	22.5	31	31.7	28.4	25.5	27.1	32.8	22.1	89	92	65	64	81	87	79.7	.....
10..	56.38	57	58.16	55.72	56.64	58.05	56.99	24.6	24.6	28.8	33.2	27.6	26	27.5	33.8	24.3	90	90	76	57	83	91	81.2	7.1
11..	56.53	56.91	57.85	55.87	57.03	59.05	57.21	24.3	23.5	31.5	30.4	27.5	25.9	27.2	32.7	23	97	91	65	69	84	89	82.5	.....
12..	58.03	58.80	59.60	56.93	57.96	59.64	58.49	24.8	24	30.6	31.8	28.1	25	27.4	32.8	23.7	88	88	64	65	77	85	77.8	.....
13..	58.62	59.49	60.89	58.45	58.85	59.50	59.30	24.3	22.6	30.6	30.6	28	27.3	27.2	31.9	22.4	78	85	57	63	70	78	71.8	.....
14..	58.31	58.64	59.44	57.05	57.03	58.08	58.09	23.6	22.6	30.5	31.9	27.5	27	27.2	32.5	22.5	91	94	64	57	81	80	77.8	.....
15..	57.72	57.57	59.09	56.28	56.35	57.38	57.40	23.9	24.5	28.2	29.5	27.5	26.2	26.6	30.2	23.2	92	95	73	70	76	86	82	.....
16..	56.32	57.54	57.53	55.50	56.48	57.54	56.82	24	22.7	31	31.5	27.2	24	26.7	33	22.3	90	85	56	59	78	83	75.2	.....
17..	57.14	57.78	58.28	55.83	56.55	57.22	57.13	23.2	22	29.9	30.7	28.1	25.5	26.6	33.5	21.8	82	90	67	67	69	75	75	.....
18..	56.36	57.33	57.57	55.52	56.33	57.27	56.73	24.4	23.5	31.5	32.4	28.1	25.7	27.6	33.8	23.2	80	87	59	56	79	81	73.7	.....
19..	55.65	56.27	56.98	55.23	55.63	57.20	56.16	24.9	24	30	29.8	26.6	25.5	26.8	33	23.7	83	86	65	69	87	79	78.2	.....
20..	56.94	57.32	58.60	56.42	57.15	58.80	57.54	24.7	23.9	31	30.5	27.1	25	27	32.5	23.5	83	83	61	65	89	90	78.5	1.8
21..	57.87	58.92	59.40	57.78	58.40	59.86	58.70	23.8	23	30.6	29.7	26.2	24.7	26.3	31.9	22.6	90	87	65	70	79	79	78.3	.....
22..	58.76	59.47	60.60	58.23	58.66	59.78	59.25	23.8	23	27.1	25.7	25.5	24.5	24.9	28	22.8	83	86	77	91	91	91	86.5	1.3
23..	58.48	58.47	59.55	56.79	57.15	58.60	58.17	23.1	22.5	28.7	29.1	27.2	25.5	26	30	22.2	91	95	72	73	79	87	82.8	4.1
24..	57.62	58.14	58.45	55.78	56.81	57.97	57.46	24	23	29.6	31.1	28	25.9	26.9	31.8	22.9	94	96	70	66	82	85	82.2	1.8
25..	57.28	58.19	59.47	57.24	57.52	58.25	57.99	24	23.1	23.3	24.4	23.8	23.4	23.7	25.2	22.7	91	95	94	92	95	89	92.7	5.6
26..	57.07	57.34	58.48	56.83	57.97	58.49	57.70	22.6	23.5	29	30	24.8	23.9	25.6	31.5	22.5	93	86	71	71	88	86	82.5	.....
27..	57.59	57.73	58.54	56.10	57.25	58.76	57.66	24	22.2	30	31	26.8	25.2	26.5	31.9	22	82	95	69	67	85	92	81.7	.....
28..	58.23	58.89	60.03	57.74	58.49	59.68	58.84	24.3	23.7	29.6	30.5	26	24.4	26.4	31.5	23.4	94	97	74	71	85	93	85.7	1
29..	59.32	59.65	61	58.95	59.85	60.95	59.95	24.1	23.6	29.4	30	27.2	24	26.4	31.5	23.2	95	95	74	71	84	95	85.7	1.6
30..	60.06	59.85	60.97	57.89	58.45	59.89	59.52	24	22.8	29.6	32.2	28.5	26.6	27.3	32.7	22.5	94	97	72	57	73	85	79.7	2.8
Mean	57.69	58.22	59.10	56.84	57.48	58.67	58	24.1	23.4	29.9	30.6	27.2	25.3	26.7	32	23	87.8	89.7	67.7	66.8	80.6	85	79.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SE	SE	SW	NW	N	E	27.4	28.2	59.7	26	141.3	5	Ci.	Cu.	1	Ci.	Cu.
2..	Calm	E	SSE	SE	SE	Calm	20.4	44.8	50.4	41.3	156.9	1	Ci.	Cu.	1	Ci.	Cu.
3..	SE	ESE	ENE	NW	N	S	39.4	40.2	67.1	34.8	181.5	1	Ci.	Cu.	1	Ci.	Cu.
4..	SE	SSE	SE	SE	SE	SE	74.3	76.7	84.2	44.3	279.5	9	Ci.-S.	S.-Cu.	10	A.-S.	Fr.-N.
5..	SE	NE	SE	SE	Calm	SSE	28.5	49.9	31.4	76.2	186	10	A.-S.	S.-Cu.	10	Ci.-S.	S.-cf.
6..	SSE	E	ESE	SE	NE	SE	36.8	63.1	87.9	41.6	229.4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Fr.-N.
7..	SE	SE	SE	SSE	SSE	SE	28.2	82.7	126.8	101.9	339.6	10	Ci.-S.	S.-Cu. SSE	10	A.-Cu. SE	S.-Cu.
8..	SSE	SSE	SE	SSE	SSE	SE	56.8	47.8	66.8	66	237.4	10	A.-S.	S.-Cu.	9	A.-Cu.	Fr.-N.
9..	Calm	SE	SE	NNW	NW	S	21.9	23.1	40.7	23.9	109.6	2	Ci.	S.-Cu.	8	Ci.-S.	Cu.
10..	S	SSE	SE	SE	N	SW	28.2	47.7	50.2	21.4	147.5	10	A.-S.	Fr.-N.	3	A.-Cu.	Cu.
11..	S	SE	SE	NNW	S	Calm	23.6	42.6	62.6	13.7	142.5	1	Ci.	Cu.	8	A.-Cu. E	Cu.
12..	S	S	Calm	NNW	N	SE	19.6	34	62.3	55	170.9	9	Ci.-Cu.	S.-Cu.	4	A.-Cu.	Cu.
13..	SSE	SbyE	NE	NW	NW	NW	58.7	44	66	40.4	209.1	1	Ci.-S.	Cu.	1	.....	Cu.
14..	SE	Calm	S	NNW	NW	N	27.1	24.6	61.8	57.6	171.1	2	Ci.-S.	.....	5	Ci.-S.	Cu.
15..	E	NNE	NNW	NW	NW	NNW	20.4	54.7	76.4	37.6	189.1	10	Ci.-S.	Fr.-N. NW	10	Ci.-S.	Cu.
16..	E	SSE	SSE	NNW	Calm	S	34.8	70.3	62.3	50.9	218.3	5	Ci.-S.	Cu.	10	Ci.-S.	Cu.
17..	S	SSE	SE	NW	SE	SSE	40.2	37.3	42.8	68.4	188.7	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
18..	SE	SE	SE	SE	NW	SE	31.7	56.3	46.4	25.7	160.1	10	A.-Cu.	S.-Cu.	10	A.-Cu. E	Cu.
19..	SE	SE	SE	NW	N	SSE	23.1	38.3	47.7	81.6	190.7	10	Ci.-S.	S.-Cu.	10	A.-S.	S.-Cu. WSW
20..	SE	SE	SE	NW	Calm	S	46.2	44.5	45.4	34.6	170.7	10	Ci.-S.	S.-Cu.	9	A.-Cu. E	S.-Cu.
21..	SE	SE	N	NNW	Calm	SE	38.1	41.8	45.7	32.7	158.3	9	Ci.-Cu.	S.-Cu.	10	A.-S.	Fr.-N.
22..	SSE	SE	SE	NNE	Calm	N	35.4	49.9	27.9	23.3	136.5	10	Ci.-S.	S.-Cu.	10	A.-S.	N.
23..	E	E	SE	SE	NE	SE	20.3	38	26.6	28.2	113.1	10	A.-S.	S.-Cu.	9	A.-Cu. ENE	S.-Cu.
24..	SE	S	SE	NW	NE	SE	70.8	39.1	61.5	41.5	212.9	10	A.-S.	N.	3	A.-Cu. SSE	Cu.
25..	S	S	SSE	Calm	Calm	S	47.7	60.9	24.1	52.1	184.8	10	.....	N.	10	A.-S.	N. SE
26..	S	S	ESE	SSE	SE	S	87.2	84.2	74.3	72.7	318.4	10	Ci.-S.	Fr.-N.	10	A.-S.	Fr.-N.
27..	SE	SE	N	NNW	E	Calm	36.7	37.5	49.3	20.7	144.2	9	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
28..	Calm	Calm	NE	NW	E	S	14.3	23.8	70.5	24.1	132.7	10	Ci.-S.	S.-Cu.	8	Ci.-Cu.	Cu.
29..	SE	SE	E	NW	N	S	28.8	34.3	84.8	34.3	182.2	10	A.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
30..	E	E	ESE	NW	NW	NW	37.5	33.3	47.3	53.3	171.4	6	Ci.	Cu.	1	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	36.8	46.5	58.4	44.2	185.8	7.7	.....	.....	7.1	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,574.4	.....	.....	.....	.....	.....	.....

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

DECEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.05	59.34	60.04	57.55	58.05	59.46	58.92	23.4	22.6	30	29.2	27.5	27	26.6	32.2	22.4	97	97	74	68	78	86	83.3	.....
2..	58.78	59.26	59.87	57.53	58.66	59.83	58.99	24.4	23	29.2	28.3	27	26.1	26.3	31.5	22.8	95	98	78	80	81	89	86.8	.....
3..	59.46	59.49	60.30	58.45	59.10	60.10	59.48	24.3	23.5	30.1	30.9	25.8	23.7	26.4	31.6	22.6	97	96	74	69	89	89	85.7	2
4..	60.02	60.26	61.34	59.05	59.75	60.62	60.17	22.4	21.5	30.1	30.5	27	24.4	26	31.4	21.3	88	94	68	66	84	82	80.3	.....
5..	59.84	60.32	61.09	58.70	58.61	59.81	59.73	23.2	22	29.8	30.3	27.2	24.2	26.1	31	21.5	85	91	67	67	77	92	79.8	.....
6..	58.84	58.87	59.33	56.78	57.06	58.14	58.17	23.1	22.1	30.1	30.5	27.3	27.2	26.7	31	21.9	94	95	68	68	78	86	81.5	66.3
7..	57.08	57.43	58.32	55.82	56.30	57.22	57.03	25.3	25	26.6	28	25.6	25.1	25.9	29.1	24.2	87	80	75	73	82	86	80.5	.....
8..	56.74	56.80	57.62	55.47	55.90	57.28	56.64	22.8	21.4	28.5	29	26.2	24.2	25.4	30	21.2	93	96	70	64	73	87	80.5	.....
9..	56.11	56.68	58.20	56.28	57.30	58.45	57.17	22.4	21.6	28.5	29	26	24.6	25.4	30.5	21.5	96	96	71	72	82	92	84.8	.....
10..	57.56	57.33	58.14	55.63	56.06	57.62	57.06	23.8	22.7	30.1	30.5	27.5	24.3	26.5	32	22.4	95	97	71	66	78	91	83	.....
11..	56.58	56.53	57.66	55.45	55.99	57.68	56.65	23.8	23.1	30.5	30.7	27.5	24.3	26.6	32.5	22.6	91	91	65	62	81	91	80.2	.....
12..	56.51	56.77	58.30	55.91	56.92	57.94	57.06	23.6	23	30	33.6	28.2	25.3	27.3	34.3	22.6	91	93	71	55	79	93	80.3	5.1
13..	57.77	57.73	59.03	56.82	57.18	58.80	57.89	23.4	22.3	30	31	28	25.7	26.7	32.5	22	89	92	68	63	80	88	80	.....
14..	58.07	58.21	59.58	57.21	57.74	58.80	58.27	24.2	23.2	29.1	30.5	27.3	27	26.9	31.5	22.9	96	94	73	68	78	84	82.2	.....
15..	58.35	58.46	59.17	56.82	57.45	58.61	58.13	24.5	22.7	30.5	31.1	27.3	24.7	26.8	33.6	22.4	91	95	71	68	81	91	82.8	3.8
16..	57.66	57.68	58.80	56.33	56.85	57.97	57.55	23.2	22.1	28	31	27.3	24.5	26	32.5	21.9	90	93	73	62	79	85	80.3	.....
17..	57.61	57.81	58.78	56.83	57.25	58.80	57.85	23.2	22.4	29.5	30.1	27.1	23.3	25.9	31	22	90	93	67	70	82	94	82.7	2.5
18..	58.51	58.13	59.40	57.40	58.05	59.21	58.45	23	22.3	29.8	30.5	27.5	24.9	26.3	31.5	22	97	96	70	67	78	88	82.7	.....
19..	58.97	59.17	60.27	58.28	58.38	59.05	59.02	23.3	22.7	29.9	30	27	24.5	26.2	31.1	22.1	85	84	63	67	80	83	77	.....
20..	58.02	58.31	60.09	57.56	58.12	58.79	58.48	23.9	23.6	26.1	29	25.5	23.4	25.2	30.5	22.5	81	80	75	68	81	87	78.7	.....
21..	58.44	58.50	59.40	56.73	57.48	58.73	58.21	22.7	22.4	29.5	30.5	27.6	24.6	26.2	31.7	22	90	89	64	62	79	85	78.2	.....
22..	58.08	58.44	59.33	56.97	57.69	58.60	58.27	23.8	23.1	30	31.5	27.5	24.3	26.7	32.5	22.5	90	91	69	65	81	89	80.8	.....
23..	57.78	57.97	58.97	56.85	57.65	58.95	58.03	23.5	22.7	29.5	31	27.3	25.4	26.6	32	22.3	95	95	68	60	81	91	81.7	1.8
24..	58.50	57.98	58.99	56.15	56.21	57.48	57.55	24.4	23.7	28.8	29.5	27	24.5	26.3	30.5	23.4	92	95	76	71	80	87	83.5	.....
25..	57.02	56.93	58.30	55.25	55.65	56.96	56.68	23.2	22	29.6	31	27.1	23.5	26.1	31.9	21.5	84	91	64	62	76	83	76.7	3.6
26..	56.39	56.69	58.46	56.14	56.52	57.24	56.91	22.6	22.1	27.8	29.8	26.5	23.8	25.4	31.3	21.7	78	77	60	62	73	81	71.8	.....
27..	56.92	57.32	58.89	56.43	56.90	58.52	57.50	22.1	20.8	28.1	29.4	25	21.9	24.6	30.9	20.3	82	86	63	56	80	75	73.7	.....
28..	57.91	58.05	59.24	57.14	57.14	59.05	58.09	21.1	21.1	25.7	29.5	25.7	22.8	24.3	30	20.5	73	75	61	49	74	73	67.5	.....
29..	58.54	58.78	59.80	57.75	57.53	58.62	58.50	22.2	21.2	28.1	26.8	25.5	24.4	24.7	29.5	20.9	72	81	56	67	74	80	71.7	.....
30..	58.29	58.62	59.55	57.90	57.75	59.43	58.59	23	21.5	28	27	25.5	22.4	24.6	29.2	20.8	82	89	68	72	77	72	76.7	.....
31..	58.81	59.23	61.04	57.55	58.35	59.96	59.16	21.1	21	28.1	30.1	25	21.9	24.5	31	20.5	72	73	56	50	64	75	65	.....
Mean	58.01	58.16	59.28	56.93	57.41	58.63	58.07	23.3	22.4	29	30	26.8	24.4	26	31.3	22	88.3	90.1	68.3	65.1	78.7	85.6	79.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	85.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SE	Calm	SE	NW	NW	NW	36.2	30	78.4	57.1	201.7	6	Ci.-S.	S.-Cu.	3	Ci.	Cu.-N.
2..	ENE	ENE	E	NW	NW	NW	24.3	35.6	85.8	41.6	187.3	10	.....	.....	3	Ci.	Cu.-N.
3..	SW	SE	SSE	NW	Calm	S	21.7	41.2	58.2	30.3	151.4	1	.....	Cu.	2	.....	Cu.
4..	SE	SE	SE	NWbyN	S	SSE	37	36.5	51.5	80.5	205.5	1	Ci.	S.-Cu.	4	A.-Cu.	Cu.
5..	SE	SE	SW	NW	NW	SW	43.5	37.2	73.7	23	177.4	2	Ci.	S.-Cu.	2	Ci.	Cu.
6..	SW	Calm	WSW	NW	NW	NW	19.3	30.3	87.4	68.2	205.2	0	Ci.	Cu.	1	A.-Cu.	Cu.
7..	NNW	NNW	NNW	NW	NNW	NNW	101.2	140.3	121	41.6	404.1	10	Ci.-S.	Fr.-N. N	10	A.-Cu.	Fr.-N.
8..	N	Calm	NW	WNW	NNW	WNW	20.6	28.7	63.3	33.8	146.4	8	Ci.-S.	S.-Cu.	9	Ci.-S. swbys	Cu.
9..	Calm	Calm	SSW	NW	N	Calm	17.4	24.7	57.4	21.2	120.7	2	.....	S.-Cu.	10	Ci.-S.	Fr.-N. SE
10..	Calm	ENE	SE	NNW	NNW	S	18.8	37.6	72.4	39.1	167.9	6	A.-Cu.	S.-Cu.	9	A.-Cu.	Cu.
11..	SE	SE	SE	NW	N	SE	36	45.6	62.8	38.6	183	4	A.-Cu.	S.-Cu.	8	A.-Cu. E	Cu.
12..	SE	SE	SE	SSE	NW	Calm	44.5	85.1	67.6	37	234.2	6	Ci.-S.	S.-Cu.	5	Ci.	Cu.
13..	SSE	SE	SSE	NW	N	SSE	37.2	39.1	63	28	167.3	1	.....	Cu.	2	Ci.	Cu.
14..	Calm	ESE	NbyW	NW	NW	N	21.9	26.4	91.4	72.1	211.8	2	Ci.	S.-Cu.	2	Ci.-S.	Cu.-N.
15..	Calm	Calm	S	NW	NNW	SE	36.7	31.4	61.7	32.8	162.6	2	Ci.	S.-Cu.	4	Ci.	Cu.
16..	SE	SE	SE	NNW	Calm	S	30.1	50.7	47	34.8	162.6	3	.....	S.-Cu.	9	Ci.-S. SSE	Cu.
17..	SE	Calm	ESE	NW	NW	E	20.3	30.9	89.5	43	183.7	2	.....	S.-Cu.	1	Ci.	Cu.
18..	Calm	Calm	E	NW	N	SW	17.9	24.4	64.9	33.8	141	1	Ci.	S.-Cu.	7	Ci.	Cu.
19..	S	SSE	SE	NW	Calm	Calm	50.4	36.2	60.4	26	173	1	Ci.	S.-Cu.	6	Ci.	Cu.
20..	S	SSE	SE	SSE	SSE	SSE	62.8	73	53.7	33.8	223.3	9	A.-S.	S.-Cu.	10	A.-S.	Fr.-N.
21..	SE	SE	SE	NW	NW	SW	42.6	41	54.7	21.1	159.4	2	Ci.	S.-Cu.	7	A.-Cu.	Cu. E
22..	SW	S	SE	NW	NNW	ESE	23.9	42.1	70	28.2	164.2	9	.....	S.-Cu.	2	Ci.	Cu.
23..	ENE	Calm	EbyS	NW	NW	NW	21.9	16.4	67	32.2	137.5	2	Ci.	S.-Cu.	8	A.-Cu. ENE	Cu.
24..	W	Calm	SW	NW	NNW	SW	19	23.8	67.3	28.4	138.5	9	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
25..	S	S	S	W	N	S	31.6	33.2	50.1	56.5	171.4	3	Ci.	Cu.	8	A.-Cu.	S.-cf.
26..	S	SSE	SE	NW	NNW	S	72.4	41.8	67.6	49.4	231.2	5	Ci.	S.-Cu.	7	Ci.-Cu.	Cu.
27..	S	ESE	SE	NW	NWbyN	SSE	73.8	34.3	61.2	82.3	251.6	3	.....	S.-Cu.	8	Ci.-S.	Cu. SE
28..	S	SSE	SSE	S	Calm	S	63.9	51.7	36.4	56.1	208.1	10	A.-Cu.	S.-Cu.	10	A.-Cu. SSE	Cu.
29..	SSE	SE	SE	NW	NNW	Calm	50.5	34.3	64.2	28.5	177.5	10	.....	s.-cu. ssw	9	A.-Cu. E	S.-Cu.
30..	S	Calm	W	NW	NW	SE	9.1	33.2	40.8	67.8	150.9	8	Ci.	S.-Cu.	10	A.-S.	Fr.-N.
31..	SSE	SE	SE	SSE	SE	SSE	98.5	63.3	82.3	84.7	328.8	10	A.-Cu.	S.-Cu. sw	10	Ci.-S.	S.-Cu.
Mean	.....	.....	.....	.....	.....	.....	38.9	41.9	66.9	43.6	191.3	4.8	.....	.....	6.2	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,929.2	.....	.....	.....	.....	.....	.....

BAGUIO.[a]

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

JANUARY, 1917.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	36.03	36.30	37.45	35.55	36.35	37.23	36.48	16.2	16.2	22.4	20.9	18	16.9	18.4	23.6	15.4	88	88	71	80	97	99	87.2	.....
2..	36.38	36.86	38.11	36.26	36.81	37.84	37.04	16.2	16.5	19.4	19.2	17.5	17.1	17.6	23.4	15.5	99	99	87	88	97	96	94.3	5.9
3..	37.04	37.31	38.65	36.92	37.14	38.22	37.55	16.3	15.9	20.1	17.6	16.4	15.1	16.9	20.9	14.5	96	94	81	98	91	91	91.8	38.3
4..	37.68	38.06	39.60	38.27	38.64	39.35	38.60	14.3	14.1	19	20.5	15.5	14	16.2	22.5	13.7	91	89	70	59	78	82	78.2	.....
5..	39.16	39.57	40.54	39.17	39.20	40.03	39.61	13.6	13	18.9	19	15.1	13.4	15.5	21.2	12.6	83	87	61	57	79	85	75.3	.....
6..	39.55	39.83	40.49	39.02	39	39.64	39.59	12.6	12.5	16.4	18.9	15	13.3	14.8	19.5	12.1	86	81	65	57	71	84	74	.....
7..	39	39.19	40.17	39.05	39.14	40.28	39.47	12.6	12.5	19.7	19.9	15.9	15.1	16	21.7	11.9	87	85	55	76	94	97	82.3	.....
8..	39.61	39.65	40.85	39.39	39.72	40.53	39.96	13.3	13.7	20.3	17.4	16.4	15.1	16	21.7	12.9	98	95	53	93	87	76	83.7	.....
9..	39.84	40.10	41.37	40.14	40.34	41.08	40.48	14.1	14.3	19.8	21	15.2	13.7	16.4	22.4	12.9	81	79	57	55	77	86	72.5	.....
10..	40.61	40.75	41.52	39.87	40.01	40.71	40.58	13.5	13	18.7	21.3	15.5	14.1	16	21.8	12.4	83	85	56	49	70	79	70.3	.....
11..	39.92	39.97	40.84	39.24	39.39	40.07	39.90	13	12.1	17.2	18.4	13.5	12.1	14.4	19.9	11.8	81	82	54	52	76	83	71.3	.....
12..	39.24	38.97	39.21	38.33	38.38	39.26	38.90	12.2	13.4	16.7	18.8	16.4	15.1	15.4	19.8	11.7	79	77	67	63	73	82	73.5	.....
13..	38.85	38.73	39.29	37.93	38.43	39.12	38.72	15	14.5	17.4	20.9	16.9	15.6	16.7	22.1	13.3	86	92	76	54	73	72	75.5	.5
14..	38.22	37.90	39.10	37.67	38.52	38.84	38.38	15.9	16.3	21.1	18.8	16.8	15.9	17.5	23.8	14.2	76	74	59	89	90	85	78.8	8.7
15..	38	38.03	38.77	36.91	36.96	37.45	37.69	14.9	14	21.2	19.1	17.5	15	17	22.1	13.9	85	93	56	88	93	91	84.3	.....
16..	36.82	37.10	38.62	36.98	37.62	37.99	37.52	14	13.4	19.7	21.9	17.3	14.2	16.8	23.3	13.2	91	87	59	70	93	92	82	.....
17..	37.43	37.40	38.61	36.92	37.25	38.03	37.61	13.5	14	19.5	20.9	16.4	15.4	16.6	22.3	13.3	91	85	69	73	91	90	83.2	.....
18..	37.31	37.24	37.95	35.56	36.07	37.11	36.87	14.3	13.1	20.7	20.5	16.4	14.4	16.6	22.8	12.8	92	91	46	75	90	87	80.2	.....
19..	36.26	36.50	37.49	35.26	35.97	36.95	36.40	13.7	13.9	19.8	18.4	16.5	14.5	16.1	22.9	13.1	91	89	60	85	82	81	81.3	.....
20..	36.23	35.96	37.01	35.40	35.66	36.38	36.11	13.5	13.9	21.3	23.9	17	15	17.4	24.3	13.1	88	88	59	52	76	84	74.5	.....
21..	35.82	35.84	37.12	35.48	36.05	36.78	36.18	14.1	14.5	19.5	20.1	16.8	15	16.7	21.4	13.4	86	92	74	78	94	90	85.7	7.4
22..	36.12	36.04	36.81	35.43	35.72	36.66	36.13	14.2	13.9	18.4	20.2	16.1	14.6	16.2	22.4	13.4	91	94	67	76	78	79	80.8	.....
23..	36.40	36.35	37.56	35.84	36.21	36.63	36.50	15	15.2	20.6	21	16.9	15.5	17.4	22.3	14	72	73	62	72	93	92	77.3	.....
24..	35.93	36.35	37.45	36.13	36.40	36.78	36.51	14.4	14.3	19.4	19	16	13.9	16.2	23.8	13.1	91	92	60	85	80	86	82.3	.....
25..	36.26	36.24	37.45	36.50	36.96	37.49	36.82	13.2	13.4	18.7	18.2	16.1	15.2	15.8	22	12.8	86	83	63	86	74	77	78.2	.....
26..	37.10	37.34	38.13	36.71	36.90	37.25	37.24	14.7	13.6	20.1	20.1	16.9	14.9	16.7	23.4	13.4	82	91	58	80	91	92	82.3	.....
27..	36.59	37.04	38.24	36.26	36.63	37.06	36.97	15.1	15.4	18	18.1	16.1	15.7	16.4	19.7	14.5	88	88	78	90	99	98	90.2	3.8
28..	36.39	36.67	37.78	36.03	36.23	37.31	36.74	14.5	14.9	17.4	18.9	16.2	15.4	16.2	20.9	13.3	96	97	90	88	96	97	94	.....
29..	36.68	36.44	37.75	35.95	36.41	37.51	36.79	14.3	13.4	19.9	19.7	16.8	13.8	16.3	21.3	13.1	97	98	61	77	81	83	82.8	.....
30..	36.09	36.58	37.95	36.15	36.44	37.15	36.73	13.4	12.9	19.9	18.4	15.9	14.6	15.8	21.4	12.4	84	86	61	82	95	97	84.2	.....
31..	36.17	36.38	37.70	35.55	35.72	36.36	36.31	14	13.9	16	20.2	17.3	14.5	16	20.8	13.1	93	98	83	67	76	82	83.2	2.8
Mean	37.51	37.64	38.70	37.09	37.43	38.16	37.75	14.2	14.1	19.3	19.7	16.3	14.8	16.4	22	13.3	87.7	88.1	65.1	74	85	86.9	81.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	67.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	E	SW	W	SW	W	E	76.4	47	73.5	35.9	232.8	0	Ci.	S.-Cu.	10	.....	Cu.-N.
2..	NW	NW	SW	SW	N	NE	51.2	62	70	33	216.2	10	.....	S.	9	.....	N.
3..	W	NE	ESE	W	SE	E	27.4	52.6	94.4	137.3	311.7	3	.....	S.-Cu.	10	.....	Cu.-N.
4..	E	E	ESE	S	E	SE	146.6	117.5	82.4	157.4	503.9	0	.....	S.-Cu.	7	Ci.-S.	Cu. ENE
5..	SE	ESE	ESE	ESE	ESE	E	154.5	160.9	132	159	606.4	0	.....	S.-Cu.	3	Ci.-S.	Cu.
6..	E	E	ESE	E	E	E	142.6	140.6	99.8	109.2	492.2	0	.....	S.-Cu.	8	Ci.-S.	Cu.
7..	E	E	E	WSW	SW	NW	96	95	72.6	28.2	291.8	0	Ci.	S.-Cu.	9	.....	Cu.
8..	NE	N	SE	W	SE	E	63.3	53.1	54.4	101.2	272	0	.....	Cu.-N.	10	.....	S.
9..	E	ESE	SE	ESE	E	SE	90.6	102.7	90.1	145.4	428.8	9	.....	S.-Cu.	7	A.-Cu.	Cu. ENE
10..	E	E	ESE	E	E	E	134.9	147.5	121.7	149.1	553.2	0	Ci.	S.-Cu.	2	A.-Cu. SW	Cu.
11..	SE	E	E	ESE	SE	SE	160.9	204.4	183.2	178.8	727.3	0	Ci.	S.-Cu.	0	Ci.	Cu.
12..	E	SE	E	E	E	SE	182.1	240.8	205	110.5	738.4	10	Ci.-S.	Cu.-N.	6	A.-Cu.	Cu. ESE
13..	E	E	E	ESE	E	E	109.9	234.6	129.0	129.5	603	10	.....	N.	4	A.-Cu.	Cu. E
14..	E	SE	ESE	SW	NE	N	104.9	90.3	87.5	62.6	345.3	1	Ci.	S.-Cu.	10	.....	N.
15..	N	NE	ESE	SW	SE	E	62.6	51.2	54.9	100.3	269	0	Ci.-S.	S.-Cu.	10	.....	Cu.-N.
16..	E	E	E	SW	E	E	95.6	122.3	56.5	102.8	377.2	0	.....	Cu.-N.	2	.....	Cu.
17..	E	N	SW	WSW	W	NE	82.6	49.4	96	23.8	251.8	0	.....	S.	10	.....	Cu.
18..	E	E	SE	SW	SE	E	65.8	78.1	63.4	135.8	343.1	0	Ci.	S.	7	Ci.-S.	Cu. SE
19..	E	E	E	SW	E	E	104.9	103.3	54.7	96	358.9	1	Ci.	S.-Cu.	10	.....	Cu.-N.
20..	E	E	ESE	SE	E	E	115.1	118.	59	123.9	416	1	Ci.	S.-Cu.	2	Ci.	Cu. ENE
21..	E	NE	WSW	SW	NE	E	82.9	47.5	73	89.5	292.9	2	Ci.	S.-Cu.	9	Ci.	Cu.-N. SSW
22..	E	E	ESE	SW	E	SE	97.1	108.8	53.1	116.4	375.4	0	.....	S.-Cu.	8	Ci.-S.	Cu. S
23..	E	NE	ENE	SW	SE	E	70.8	32	83.5	109.6	295.9	2	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N. WNW
24..	E	E	E	SW	E	E	101.7	118.5	59.5	161.4	441.1	0	Ci.	Cu.	10	Ci.-S.	Cu.
25..	E	E	E	SW	E	SE	136.8	105.1	63.8	170.9	476.6	4	Ci.-S.	S.-Cu.	10	.....	Cu.-N.
26..	E	E	E	WSW	S	E	115.7	107.6	86.3	80.8	390.4	0	Ci.	S.-Cu.	10	.....	Cu.-N.
27..	E	SE	E	W	W	E	122	60.7	53.7	38.9	275.3	10	.....	S.-Cu. SSE	10	.....	N.
28..	E	NE	SW	WSW	NW	SE	42.3	46.7	84.5	34.9	208.4	10	.....	Cu.-N.	10	.....	Cu.-N.
29..	E	E	ESE	WSW	E	E	61.2	82.6	69.4	100.4	313.6	10	.....	S.	7	Ci.	Cu.-N. SE
30..	E	E	SE	WSW	W	NE	117	88.7	68.2	20.3	294.2	1	.....	S.-Cu.	10	.....	Cu.-N. W
31..	W	W	N	W	S	E	36.8	75.8	109.1	108.8	330.5	10	.....	N.	4	Ci.	Cu. NW
Mean	.....	.....	.....	.....	.....	.....	98.5	101.5	86.6	101.7	388.2	3	.....	.....	7.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,033.3	.....	.....	.....	.....	.....	.....

[a] The barometric readings of this station are not reduced to sea level.

BAGUIO.

[$\phi = 16°\ 25'$ N; $\lambda = 120°\ 36'$ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

FEBRUARY, 1917.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	35.79	35.83	36.91	35.45	35.75	36.73	36.08	12.8	12	19	18.8	15.6	12.8	15.2	21.7	11.7	84	93	57	82	86	89	81.8	.....
2..	35.58	35.36	37.14	35.69	36.08	37.72	36.26	12.3	12.3	17.5	16.9	15.9	14.2	14.8	21.8	11.9	87	86	62	88	90	86	83.2	.....
3..	36.96	36.60	38.13	36.94	36.97	37.85	37.24	13.3	13.3	17.6	17.1	15.5	14.3	15.2	20.2	12.2	90	87	72	89	92	87	86.2	0.3
4..	37.52	37.39	38.66	37.20	37.63	38.49	37.82	13.8	13.3	19.5	16.7	15.9	14.1	15.6	20.9	12.9	89	87	60	91	94	86	84.5	.....
5..	38.03	38.01	39.12	37.99	38.04	38.91	38.35	13.4	13	18.8	22.1	15.6	12.8	16	22.8	12.6	87	87	58	49	72	82	72.5	.....
6..	37.87	38.09	39.37	38.38	38.58	39.66	38.66	13	12.9	19.2	20.7	16.4	14.9	16.2	22.4	12.6	77	81	57	54	73	79	70.2	.....
7..	38.75	38.63	39.55	38.17	38.28	39.15	38.76	15	15.1	19.3	18.5	16.5	15.5	16.6	22.3	14	82	86	70	85	97	96	86	.....
8..	38.42	38.38	39.31	37.85	37.60	38.85	38.40	14.9	14.8	19.4	22	17	16.3	17.4	23.8	13.9	92	89	70	67	84	78	80	.....
9..	38.18	38.38	39	37.19	36.89	37.98	37.94	15.2	13.9	19.5	19.4	16	14.4	16.4	21.9	13.3	89	95	60	76	80	88	81.3	.....
10..	37.36	37.40	38.35	36.80	36.98	37.61	37.42	12.8	11.9	17.5	20.2	15	12.3	15	22.8	11.7	87	89	59	68	71	86	76.7	.....
11..	37.15	37.58	38.30	37.06	37.45	38.28	37.64	11.6	12.2	20.5	17.4	15.2	14	15.2	21.5	11.4	85	80	54	83	85	90	79.5	.....
12..	38.13	38.36	39.70	38.11	38.21	39.08	38.60	13.5	14	19.9	20.9	15.9	15.6	16.6	22.3	13	86	82	68	68	94	79	79.5	.....
13..	38.13	38.08	38.72	37.49	37.97	38.94	38.22	13.8	13.5	19.1	21.5	13.9	11.7	15.6	22.9	11	91	87	60	47	81	85	75.2	.....
14..	38.38	38.26	39.14	37.66	37.77	38.96	38.36	11.2	11.4	19.6	21.7	15.9	12.9	15.4	23.7	10.8	84	82	53	68	72	80	73.2	.....
15..	38.34	38.33	39.28	37.79	38.25	39.18	38.53	13.2	14	20.5	17.9	15.1	15	16	24.1	12.2	77	76	54	83	97	92	79.8	.....
16..	38.48	37.76	38.95	36.92	36.70	37.58	37.73	14.3	15.4	20.2	16.7	16.1	15.8	16.4	22.4	13.7	89	85	69	94	87	90	85.7	1.3
17..	36.96	37.04	38.49	36.10	35.86	36.82	36.88	15.4	15	18.3	20.9	16.9	15.5	17	22.6	14.5	93	98	86	77	96	95	90.8	.....
18..	35.77	35.71	36.93	34.97	35.01	35.91	35.72	14.6	14.7	17.1	18	16.4	14.8	15.9	20.3	14	97	93	87	94	95	94	93.3	10.8
19..	34.91	35.21	36.36	34.81	35.01	36.55	35.48	14.4	14.2	18.7	20.1	16.2	15.6	16.5	21.9	13.8	87	87	79	79	93	92	86.2	.3
20..	35.90	35.94	37.47	36.11	36.36	37.33	36.52	14.9	14.5	20.9	22.7	15.4	13.4	17	23.3	12.6	90	93	69	63	78	84	79.5	.....
21..	36.98	37.25	38.20	37.42	37.39	38.17	37.57	12.6	11.9	19.8	21.1	15.2	12.9	15.6	21.7	11.4	85	87	55	72	85	91	79.2	.....
22..	37.55	37.53	38.76	37.18	37.18	38.24	37.74	11.5	11	20.4	19.8	16.9	13.9	15.6	21.8	11	85	84	41	69	83	85	74.5	.....
23..	37.70	37.40	38.10	36.65	36.56	37.20	37.27	14.4	14.5	22.2	22.4	16.9	14.9	17.6	24.3	12.4	64	47	24	65	89	88	62.8	.....
24..	36.25	36.30	37.50	35.97	36.02	36.64	36.45	13.9	13.8	23	21.4	16.9	14.9	17.3	23.1	13.2	92	93	38	76	91	86	79.3	.....
25..	36.16	36.18	37.16	36	36.07	36.93	36.42	14.1	14.4	23.5	22	17.9	15.4	17.9	24.7	13.8	90	76	44	69	89	88	76	.....
26..	36.18	36.14	37	35.60	35.58	36.20	36.12	14.9	14.5	23.5	24.3	19.2	16.5	18.8	25.7	14	89	81	44	56	79	85	72.3	.....
27..	35.73	35.95	36.74	34.96	35.16	35.90	35.75	15.8	16	24.2	23.5	19.2	16.4	19.2	26.7	14.8	88	78	30	69	80	83	71.3	.....
28..	34.98	35.34	36.85	35.47	35.65	35.75	35.84	15.5	15.6	23.4	21.7	18.5	17.2	18.6	25	14.6	83	61	39	74	88	78	70.5	.....
Mean	37.08	37.09	38.19	36.71	36.82	37.77	37.28	13.8	13.7	20.1	20.2	16.3	14.6	16.4	22.8	12.8	86.4	83.9	57.8	73.4	85.8	86.5	79	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	E	E	E	SW	ESE	SE	131.4	112.1	74.2	122.3	440	0	Ci.	Fr.-Cu.	10	.....	Cu.-N.
2..	E	E	SE	SW	SE	E	179.6	149.5	42.1	56.9	428.1	0	Ci.	S.-Cu.	10	Ci.-S.	Cu.-N.
3..	E	E	WSW	W	S	E	105.7	87.9	66.6	105.6	365.8	1	Ci.	S.-Cu.	10	.....	S.
4..	E	E	E	WSW	NE	E	105.7	88.3	60.6	89.1	343.7	9	Ci.-S.	Cu.-N.	10	.....	Cu.-N.
5..	E	ESE	ESE	SE	E	E	132.6	149.4	80.3	170.8	533.1	2	Ci.	Cu.-N.	2	Ci.	Cu.
6..	E	SE	ESE	SE	E	E	197.7	223.9	102.7	120.9	645.2	1	Ci.	Cu.	2	Ci.	Cu.
7..	E	E	E	WSW	WSW	SW	138.6	96.9	59	29.5	324	0	Ci.	Cu.-N.	10	.....	Cu.-N.
8..	E	W	SW	W	NW	W	34.9	71.3	112.0	35.1	253.3	9	Ci.-S.	cu.-N.WSW	7	.....	Cu.
9..	W	N	W	WSW	E	E	60.2	90.4	88.5	72.9	312	4	Ci.	Cu.-N.	3	.....	Cu.
10..	E	E	E	SW	E	E	114	127.3	81.5	151	473.8	2	Ci.	S.	9	Ci.	Cu. SSE
11..	E	E	SW	SW	ESE	E	177.3	100.1	70.3	90.4	438.1	0	Ci.	Cu.-N.	10	.....	Cu.-N.
12..	E	S	SW	W	NE	E	59.7	61.2	113.8	86.6	321.3	1	Ci.	S.	8	Ci.	Cu.-N. W
13..	E	ESE	SE	NW	E	SE	165.6	177.2	96.6	170.6	610	0	Ci.	Cu.-N.	4	Ci.	Cu.
14..	E	E	ESE	SW	E	E	132.2	101.6	81.8	139.8	455.4	4	Ci.	S.-Cu.	7	Ci.	Fr.-Cu. W
15..	E	E	ESE	WSW	W	E	157.5	117	98.7	40.7	413.9	1	Ci.	S.-Cu.	10	.....	Cu.-N.
16..	N	SE	SW	SW	WSW	SE	77.2	81.1	94.4	36	288.7	8	A.-Cu.	S.-Cu.	10	.....	Cu.-N.
17..	E	WNW	W	WSW	W	E	40.5	66.3	83.7	48.5	239	10	.....	S.-Cu.	4	A.-Cu.	Cu.-N.
18..	E	E	SW	WSW	N	E	83.5	55	55.7	68.1	262.3	2	Ci.	S.-Cu.	10	.....	N.
19..	SE	E	SW	WSW	NE	E	34.6	56.8	91.9	38.3	221.6	0	A.-Cu.	S.-Cu.	10	.....	Cu.-N.
20..	N	E	SW	W	E	E	50.4	82.1	122.3	120.7	375.5	1	Ci.	S.-Cu.	6	.....	Cu.-N.
21..	E	E	E	WSW	W	E	120.2	103.8	131.5	71.4	426.9	9	.....	S.-Cu.	7	.....	Cu.-N.
22..	E	E	E	WSW	W	NE	104.6	94.4	115.7	78.1	392.8	2	Ci.	Cu.	6	.....	Cu.
23..	NE	E	NNW	W	W	E	61.5	75	107.6	73.8	317.9	0	.....	S.	1	.....	Cu. N
24..	E	NE	SW	SW	SW	E	70.2	61	103.2	49.6	284	0	Ci.	S.	8	.....	Cu.-N.
25..	E	E	E	W	SW	E	109.1	82.1	120.4	91.7	403.3	0	Ci.	.....	6	.....	Cu.
26..	E	E	E	WSW	E	E	119.1	114.6	123.3	79.5	436.5	0	Ci.	S.	4	.....	Cu.
27..	N	E	E	SSW	W	E	67.9	104.3	94.4	47	313.6	0	Ci.	S.-Cu.	2	.....	Cu. E
28..	NE	E	E	SW	N	W	65.8	125.8	104.3	43.7	339.6	0	Ci.	S.	9	.....	Cu.-N. SE
Mean	.....	.....	.....	.....	.....	.....	103.5	102	92	83.2	380.7	2.4	.....	.....	7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,659.4	.....	.....	.....	.....	.....	.....

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

MARCH, 1917.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	36.12	36.12	37.28	35.74	35.63	36.67	36.26	16	15.2	25.9	22.5	18.5	16	19	25.9	15.2	93	86	38	68	89	84	76.3	5.1
2..	36.01	35.55	36.55	34.88	35.31	36.69	35.83	15	14.8	21.4	22.4	17.4	16.1	17.8	24.6	14.3	90	84	60	76	95	95	83.3	.....
3..	36.37	36.55	37.52	35.84	35.49	36.54	36.38	15.1	14.9	23.6	21.6	17.4	16.8	18.2	24.9	14.3	98	96	59	75	93	90	85.2	.....
4..	35.58	35.47	36.90	34.93	35.01	36.27	35.69	15.2	15.1	23.5	23	19.5	16.9	18.9	25.8	14.5	89	82	38	70	78	84	73.5	.8
5..	35.51	36.18	37.05	35.68	35.88	36.80	36.18	16.1	15.9	22.5	22	17.1	16.6	18.4	23.7	14.9	92	90	72	67	88	90	83.2	6.9
6..	36.21	36.48	37.85	36.31	36.18	36.91	36.66	16.2	16.2	19.6	22	19	17.2	18.4	24	15.4	88	92	85	76	84	84	84.8	.....
7..	35.95	36.38	37.69	36.33	35.86	36.60	36.47	16	15.5	22.5	20.9	18.2	16.4	18.2	24.5	15.4	92	90	68	83	96	90	86.5	.8
8..	35.85	36.08	36.89	35.21	35.35	36.20	35.93	15.3	15	22.1	23	18.4	16	18.3	25.8	14.5	89	90	54	71	80	78	73.7	.....
9..	35.75	35.99	37.03	35.83	36.03	36.94	36.26	15.4	14.5	25.2	22.9	18.2	17.4	18.9	25.9	13.6	78	71	36	73	94	91	73.8	.....
10..	36.16	36.67	37.89	35.61	35.59	36.49	36.40	16.5	15.9	21.4	24.5	19.7	15.6	18.9	25.1	15.3	90	96	76	62	59	70	75.5	.....
11..	36.40	36.60	37.65	36.45	36.08	36.67	36.64	15.9	15.5	24.5	23.5	19	17.6	19.3	25.5	14.6	72	73	44	62	80	81	68.7	.....
12..	36.16	36.35	37.04	35.54	35.54	36.02	36.11	14.7	14.9	22	22	19.3	16.2	18.2	26.3	14.4	91	82	44	75	67	79	73	.....
13..	35.60	36.18	37.33	36.12	36.48	37.34	36.51	16.1	14.8	23.9	24.9	18.9	16.6	19.2	25.8	14.2	80	89	29	52	76	83	68.2	.....
14..	36.49	36.65	38.23	36.89	37.14	38.12	37.25	15.8	14.4	20	24.3	17.9	17.1	18.2	25.4	13.8	84	93	64	65	99	97	83.7	2.8
15..	37.69	37.87	38.89	37.54	37.65	38.40	38.01	16.3	15.4	21.9	21.5	18.6	15.7	18.2	24.8	15	96	92	51	71	83	76	78.2	.....
16..	37.76	37.86	38.50	36.78	36.87	38	37.63	14.9	14.4	21	23	18.4	16.3	18	25.2	14.1	78	88	51	64	89	93	77.2	.....
17..	37.08	37.35	38.31	36.50	36.80	37.53	37.26	15.2	15.5	21.7	17.2	15.4	14.9	16.6	22.6	14.8	93	92	67	95	97	91	89.2	43.4
18..	36.68	37.10	38.67	37.06	37.29	38.09	37.48	15.7	16.4	21.8	20.3	17.9	16.5	18.1	23.4	15.5	78	78	47	81	93	90	76.8	4
19..	37.09	37.49	38.26	36.99	37.09	37.87	37.46	15	15	24.7	21.1	17.4	16.4	18.3	25	14.5	94	93	47	84	88	91	82.8	.....
20..	36.83	37.20	38.84	37.23	37.30	38.03	37.57	16.4	15.9	21	17.9	18.4	16.3	17.6	23.9	15.5	88	90	77	93	83	81	85.3	1.3
21..	36.96	37.39	38.73	37.59	37.65	38.79	37.85	16.1	14.5	20.2	19.5	17.2	15.8	17.2	23.9	14	82	96	79	84	88	89	86.3	6.6
22..	38.05	38.21	39.64	38.04	37.65	38.45	38.34	15	14.9	21	20.4	17.8	16.2	17.6	23.5	14.5	93	93	73	75	89	86	84.8	.....
23..	37.46	37.17	38.46	37.38	36.90	37.75	37.52	15	14.1	20.4	18.6	17.2	15.8	16.8	22.8	13.8	90	89	77	88	91	85	86.7	.....
24..	36.71	36.76	37.95	36.48	36.61	37.81	37.05	14.8	14.6	19.2	16.9	16.4	15.5	16.2	21.9	14.4	87	88	65	96	87	93	86	4.8
25..	37	37.09	38.05	36.91	36.80	37.38	37.70	15	14.9	20.7	17.8	15.6	14.5	16.4	21.9	13.7	92	89	64	91	96	91	87.2	13.3
26..	36.47	36.50	37.68	36.46	36.32	37.49	36.82	14.3	14.2	21.9	17.9	16.4	15.6	16.7	21.9	13.5	89	90	65	94	96	95	88.2	5.6
27..	36.93	37.10	38.17	37.44	37.02	38.42	37.51	15.2	14.9	18.9	16.6	15.5	15.5	16.1	21.3	14.4	92	92	80	94	95	87	90	21.9
28..	37.53	37.63	39.28	38.08	38.19	39.25	38.33	14.7	14	21.4	18.4	17.2	16.1	17	23.6	13.8	90	91	66	92	85	83	84.5	.....
29..	38.68	38.79	39.68	38.13	37.90	38.80	38.66	14.7	14.9	20	19	16.4	16.1	16.8	22.9	14	88	90	78	89	93	83	86.8	31
30..	37.89	37.64	38.74	37.01	36.81	37.63	37.62	15.5	15.4	17.9	18.9	17.7	16.2	16.9	21.4	14.7	85	89	90	91	92	87	89	.....
31..	36.65	37.07	38.52	36.92	36.84	37.76	37.29	14.8	14.4	18.9	22.6	17.9	16	17.4	23.3	14.4	94	93	73	75	99	89	87.2	1.3
Mean	36.70	36.89	38.04	36.58	36.56	37.47	37.04	15.4	15	21.6	20.9	17.7	16.2	17.8	24.1	14.5	88.2	87.8	61.8	78.5	87.8	86.6	81.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	149.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	E	E	SE	WSW	N	E	75.8	80.7	104.8	82.1	343.4	0	Ci.	Cu.	8	.....	Cu.-N. SW
2..	E	E	E	W	W	E	149.5	105.7	112.7	37.2	405.1	0	Ci.	Cu.	9	.....	Cu.-N. SW
3..	E	NE	SW	W	W	E	25.5	61.8	116.5	71.8	275.6	10	.....	S.	10	.....	Cu.-N.
4..	E	E	E	W	SE	E	133	85	84.2	56.6	358.8	0	.....	Cu.	9	.....	Cu.-N.
5..	E	N	SW	WSW	E	E	63.9	78.7	99.6	92.5	334.7	4	.....	Cu.-N.	8	.....	Cu.-N.
6..	E	NE	WSW	WSW	SE	E	69.5	60.7	98	111	339.2	1	Ci.	S.-Cu.	10	.....	Cu.-N.
7..	E	E	SW	WSW	W	E	99.3	78.4	79.4	72.1	329.2	0	Ci.	Cu.	10	.....	Cu.-N.
8..	E	E	ESE	WSW	S	E	163.6	145	104.4	76.9	489.9	0	.....	Cu.-N.	6	.....	Cu. S
9..	E	E	ENE	WSW	SW	SE	80.3	84	107.8	41.2	313.3	0	Ci.	S.-Cu.	6	.....	Cu.
10..	E	NE	SW	W	SE	E	87.5	56.1	69.4	117.5	330.5	10	.....	Cu.-N.	5	.....	Cu. SE, S
11..	E	E	E	SW	W	E	151.3	105.1	123.7	35.1	415.2	0	Ci.	Cu.	6	Ci.	Cu.-N. SW
12..	NE	E	E	W	SE	E	62.3	105.2	109.1	87.2	363.8	2	Ci.	Cu.	9	.....	Cu.-N.
13..	E	E	E	WSW	W	E	97.6	56.9	136	48.1	338.6	0	Ci.	Cu.	0	Ci.	Cu.
14..	SE	NE	WSW	WSW	W	NW	97.7	74.3	111.6	34.9	318.5	4	Ci.	Cu.	9	Ci.	cu.-N. WNW
15..	W	E	E	SW	NE	E	39.4	82.4	93.1	95.6	310.5	1	Ci.	Cu.-N.	10	.....	Cu.-N.
16..	SE	SE	ESE	SW	W	SE	50.2	143.7	99.6	50.9	344.4	1	Ci.	S.-Cu. E	6	Ci.	Cu. SE
17..	E	NE	SW	SW	E	E	62	46.4	83.7	193.7	385.8	4	Ci.	S.-Cu.	10	.....	Cu.-N.
18..	E	E	ESE	SW	W	E	186.4	114.1	83.4	41.8	425.7	9	.....	Cu.-N. SE	10	.....	Cu.-N.
19..	NE	E	SW	WSW	E	E	56.5	86.9	109.2	53.4	306	0	.....	Cu.	10	.....	Cu.-N.
20..	E	W	SW	W	E	NE	29	56.1	70.6	61	216.7	0	Ci.	Cu.	10	Ci.-S.	N.
21..	S	NE	SW	W	E	E	38	75	82.1	84.7	279.8	0	Ci.	S.-Cu.	10	.....	Cu.-N.
22..	NE	NNW	WSW	W	W	SE	75.6	71.6	125.8	81.9	354.9	0	.....	Cu.	8	.....	Cu. W
23..	E	NE	WSW	WSW	N	E	108.8	76.1	94.4	69.7	349	0	.....	Cu.-N.	10	.....	Cu.-N.
24..	E	E	E	W	SE	E	100	82.4	61.5	48.1	292	10	Ci.-S.	Cu.-N. S	10	.....	N.
25..	E	SE	E	W	SE	E	44.6	70.5	105.1	110.5	330.7	10	.....	S.-Cu.	10	.....	N.
26..	SE	SE	SE	W	S	SE	90.7	84.3	60.9	60.9	296.8	4	.....	Cu.-N.	10	.....	N.
27..	E	N	SW	NW	N	E	34.6	81	108.8	82.4	306.8	8	Ci.	S.-Cu. SW	10	.....	N.
28..	E	E	E	SW	E	E	130.4	104.9	77	110.4	422.7	0	.....	Cu.-N.	10	.....	N. S
29..	NE	N	SW	WSW	E	E	70.2	77	82.6	102.2	332	0	Ci.	Cu.	10	.....	N.
30..	E	W	WSW	W	SW	E	85.8	47.8	98.4	61.5	293.5	4	A.-Cu.	Cu.-N.	10	.....	Cu.-N.
31..	E	NE	W	WSW	W	E	74.2	93.3	87.1	89.3	343.9	7	Ci.	Cu.-N. SE	7	.....	Cu.-N. SE
Mean	.....	.....	.....	.....	.....	.....	84.9	82.9	96.1	76.2	340.2	2.9	.....	.....	8.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,547	.....	.....	.....	.....	.....	.....

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

APRIL, 1917.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	37.01	37.53	38.62	36.93	36.92	38.13	37.52	14.8	14.9	23.6	18.8	18.4	16.7	17.9	23.8	14.4	87	85	54	90	94	82	82	.....
2..	36.85	37.16	38.05	36.68	36.38	37.61	37.12	15.3	15.2	21.4	21.5	18.5	17.3	18.2	23.3	14.9	89	89	74	81	94	93	86.7	.....
3..	36.55	36.68	37.99	36.04	35.91	37.31	36.75	16.8	16.2	19.7	21	19.1	17.2	18.3	23.5	15.8	91	96	89	83	94	89	90.3	4.3
4..	36.70	36.90	37.75	36.27	36.63	37.45	36.95	16.8	16.4	20.4	21	18.9	17.1	18.4	22.9	16	94	96	83	84	91	95	90.5	.3
5..	37.09	37.01	38.35	36.81	36.73	37.78	37.30	16.6	16	19.1	21.9	18.2	17.4	18.2	23.3	15.4	95	97	89	77	94	93	90.8	1.1
6..	37.03	36.68	37.47	36.31	36.19	37.55	36.87	16.3	15.6	21.1	18.9	16.4	16.9	17.5	23.4	14.9	96	98	84	94	79	86	89.5	17.3
7..	36.42	36.43	37.53	35.99	35.65	37	36.50	16.7	16.1	20.3	19.4	17.4	17.1	17.8	22.9	15.4	84	82	82	92	86	89	85.8	16.7
8..	36.22	35.86	36.60	35.21	35.39	36.61	35.98	16.2	15.7	21.9	22	17.5	16.2	18.2	25.7	15.3	82	80	73	63	96	88	80.3	26.9
9..	35.83	36.05	37.27	35.88	35.64	37.14	36.30	16.5	16.4	22	20	18.9	17.4	18.5	23.8	15.8	78	77	72	88	82	87	80.7	1
10..	36.53	36.63	37.51	35.84	35.89	36.68	36.51	16.6	16	20.5	22.4	18.6	16.4	18.4	24.1	15.6	88	98	86	86	79	83	86.7	.....
11..	35.75	35.40	36.23	34.91	34.61	35.88	35.46	16	15.9	22.9	23.6	19.4	16.7	19.1	25.9	14.9	90	92	60	75	90	94	83.5	1.5
12..	34.92	35.10	36.09	34.51	34.50	36.03	35.19	16.4	15.5	23.5	21.9	19	17.6	19	24.7	15.4	100	99	65	79	90	94	87.8	2.6
13..	35.15	35.48	36.96	35.59	35.59	37.21	36	16.7	16.2	21.2	23.8	18.7	17.7	19	24.7	15.6	95	94	75	72	94	90	86.7	5.9
14..	36.52	36.64	37.38	35.99	36.49	37.41	36.74	16.4	16.4	21.1	21.8	18.5	16.7	18.5	24.6	15.5	99	95	84	86	93	92	91.5	.....
15..	36.55	36.51	37.09	33.29	35.55	36.41	36.23	16	16.2	22	23.5	18.9	17.7	19	24.4	15.2	92	90	73	71	89	86	83.5	.....
16..	35.56	35.70	36.64	35.13	35.19	36.41	35.77	16.7	16.1	21.6	19.9	18	16.7	18.2	23.3	15.6	90	94	74	85	99	100	90.3	.3
17..	35.33	35.75	36.79	35.43	35.54	36.70	35.92	15.7	16.8	19.7	20.9	18	16.8	18	23	15.2	99	93	89	85	94	93	92.2	17.8
18..	35.65	36	37.13	35.74	36.13	37.15	36.30	16	15.6	20.9	20.4	17.6	16.6	17.8	24.8	15.4	95	91	81	89	98	95	91.5	15.5
19..	36.12	35.97	37.04	35.52	35.71	37.35	36.28	16.4	16.6	21	23.4	18.3	17	18.8	23.9	16	92	85	79	78	90	97	86.8	9.2
20..	36.47	35.90	36.78	35.59	35.68	36.68	36.18	16.5	16.4	22.9	22	17	16.5	18.6	24.5	15.9	90	94	57	87	95	88	85.2	4.3
21..	35.69	35.80	36.64	35.09	35.04	36.22	35.75	16.6	16.4	19.9	23.1	18.4	16.8	18.5	24.1	15.7	93	87	86	80	98	98	90.3	.3
22..	35.47	35.75	36.76	35.01	34.88	35.88	35.62	16.4	15.5	20.7	22.9	18.9	17.2	18.6	23.6	15.4	91	92	81	78	90	92	87.3	.....
23..	35.08	35.28	36.48	35.54	35.24	36.75	35.73	16.3	15.9	21.6	24.2	19.4	16.9	19	25.2	15.5	92	98	76	74	90	93	87.2	.....
24..	36.23	36.13	37.22	36.22	36	37.20	36.50	16.1	16.5	21.6	23.8	18.9	17.9	19.1	25	15.4	96	91	73	75	93	91	86.5	.....
25..	36.49	36.58	37.74	36.29	36	36.88	36.66	17.2	16.7	21.5	23.3	20.2	18.2	19.5	24.6	16	91	96	64	74	78	77	80	.....
26..	36.17	36.25	37.03	35.88	35.57	36.69	36.26	17.3	16.9	22	22.6	18.9	17.9	19.3	24.8	16.5	80	80	74	79	95	94	83.7	.....
27..	35.81	35.73	36.99	35.90	35.59	36.69	36.12	16.5	16.4	20.9	20.1	19	18.6	18.6	23.9	15.5	94	96	79	91	89	65	85.7	.....
28..	35.66	35.85	36.84	35.57	35.34	36.22	35.91	17	16.9	22.6	24.2	18.8	17.5	19.5	24.8	16.2	89	91	69	73	95	94	85.2	.....
29..	35.39	35.76	36.15	34.85	34.58	35.61	35.39	16.7	16.4	24.5	23	19.4	17.3	19.6	25.4	16.1	89	87	55	73	93	96	82.2	1
30..	34.65	35.08	36.03	34.83	35.18	36.50	35.38	16.6	16.1	19.9	20.6	16.5	15.7	17.6	24.8	15.4	89	93	84	83	93	96	89.7	41.9
Mean	36.03	36.12	37.10	35.69	35.66	36.84	36.24	16.4	16.1	21.4	21.9	18.5	17.1	18.6	24.2	15.5	91	91.2	75.5	80.8	91.2	90.3	86.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	167.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	E	E	SW	W	W	E	114.9	104.6	96.4	59.2	375.1	9	Ci.	Cu.-N.	10		Cu.-N.
2..	E	NE	WSW	WSW	W	SE	69.2	87.4	105.7	43.8	306.1	0	Ci.	Cu.	7	Ci.	Cu.-N. SW
3..	NE	NE	SW	W	NW	E	38	50.2	98.8	72.4	259.4	6	Ci.	Cu.-N.	10		Cu.-N.
4..	SE	E	SW	WSW	SE	E	52.3	58.5	84.7	67	262.5	9	Ci.	S.-Cu.	10		Cu.-N.
5..	S	NE	SW	WSW	N	SE	48	57.6	90.6	66	262.2	0	Ci.	Cu.	10		Cu.-N.
6..	E	NE	SW	W	E	E	91.1	64.9	99.8	70.2	326	0	Ci.	Cu.	10		N.
7..	NE	N	SW	W	E	E	32.2	64.9	99.8	71	267.9	0	Ci.	Cu.	10		Cu.-N.
8..	E	E	S	S	SE	E	76.6	48.9	65.4	125.5	316.4	0	Ci.	Cu.	5	A.-Cu.	Cu.-N. E
9..	E	E	SW	SW	W	W	102.7	63.1	101.9	29.8	297.5	2	Ci.-S.	Cu.	10		Cu.-N.
10..	NW	E	WSW	WSW	S	E	47.5	65.7	111	57.1	281.3	0	A.-Cu.	Cu.-N.	9		Cu.-N. WSW
11..	SE	E	SSE	WSW	WSW	SE	65.5	89.8	137.4	62.2	354.9	0	Ci.	Cu.	9		Cu.-N.
12..	SE	E	SW	WSW	WNW	E	96.4	66.3	130.9	52	345.6	0	Ci.-S.	Cu.-N.	9		Cu.-N. ESE
13..	SE	ESE	SE	W	W	NE	60	59.7	135.4	30.8	285.9	0	Ci.-S.	Cu.	8		Cu.-N. E
14..	NW	NW	SW	SW	W	W	48.5	60.4	125.7	52.8	287.4	9	Ci.	Cu.-N.	9		Cu.-N.
15..	SW	N	WSW	W	WNW	W	28.8	68.9	131.5	49.6	278.8	0	Ci.	Cu.	9		Cu.-N.
16..	N	W	WSW	W	SW	NE	29	89.1	117.2	44	279.3	1	.....	Cu.-N.	10		Cu.-N. W
17..	E	SE	SW	SW	W	NW	42.4	61.4	72.7	31.9	208.4	0	Ci.-S.	Cu.	8		Cu.-N.
18..	N	NW	SW	WSW	W	N	53.1	58.2	118.6	74.2	304.1	0	Ci.	Cu.	10		Cu.-N.
19..	SE	E	SW	W	SSE	NE	76.4	52.9	110.2	41.2	280.7	0	Ci.	Cu.	8		Cu.-N. E
20..	W	ESE	E	W	NE	N	30.6	75.3	84.3	54.2	244.4	0	Ci.	Cu.	9		Cu.-N.
21..	N	E	SW	WSW	W	E	36.4	64.4	108.1	47.2	256.1	0	Ci.	Cu.	8		Cu.-N.
22..	SE	N	WSW	W	SW	S	49.9	68.6	123.4	49.3	291.2	0	Ci.	Cu.	9		Cu.-N.
23..	E	E	SW	W	SW	W	87.9	73.7	140.8	32.4	334.8	0	Ci.	Cu.	9		Cu.-N.
24..	N	NNW	WSW	W	W	SE	45.9	91.7	121.5	54.1	313.2	0	Ci.	Cu.	10		Cu.-N.
25..	SE	E	SW	WSW	SSE	E	44	70	113.7	69.8	297.5	0	Ci.-S.	Cu.	8		Cu.-N.
26..	SE	NW	W	W	W	N	53.2	91.4	126	43.8	314.4	0	Ci.	Cu.	10		Cu.-N.
27..	W	E	WSW	W	N	W	38.3	70.8	103.5	54.7	267.3	0	Ci.-S.	Cu.	10		N.
28..	NE	NE	SW	WSW	W	E	41.2	75.9	124.2	38.9	280.2	0	.....	S.	9		Cu.-N.
29..	E	E	NE	SW	W	SE	72.4	80.8	141.6	68.2	363	0	Ci.-S.	Cu.	8		Cu.-N.
30..	E	ESE	SW	WSW	SW	NW	93.8	78.6	178	142.7	493.1	0	Ci.	Cu.-N.	8	Ci.-S.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	58.9	70.5	113.3	58.5	301.2	1.2	.....	.....	9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,034.7	.....	.....	.....	.....	.....	.....

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

MAY, 1917.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	35.13	35.15	36.59	35.67	35.74	36.78	35.84	15.5	15.8	20	22.4	19.3	17.8	18.5	23.9	15	88	89	79	82	87	88	85.5	.....
2..	35.63	36.29	37.64	36.26	36.13	36.81	36.46	16.7	16.2	20.5	23.1	18.9	17	18.7	24.9	15.7	91	93	82	75	89	95	87.5	.....
3..	35.56	35.54	36.32	34.81	34.82	36.69	35.62	16.6	15.9	20.9	20.3	18.4	16.9	18.2	24.5	15.4	96	95	76	88	99	99	92.2	.....
4..	35.75	36.03	36.78	35.64	35.52	36.64	36.06	16	15.5	21.7	21.2	18.9	17.8	18.5	23.5	15.4	100	92	70	78	90	88	86.3	.....
5..	35.68	36.01	37.50	35.49	35.85	37.02	36.26	16.9	16.9	22.5	23.3	18.8	17.6	19.3	24.8	16.1	94	89	65	77	88	88	83.5	.....
6..	36.37	36.23	36.95	35.87	36.13	37.12	36.44	16.9	16.6	20.7	19.6	17.9	17.7	18.2	24.5	16	91	92	79	92	92	85	88.5	5.6
7..	35.63	35.83	37.39	35.33	35.44	36.91	36.09	16.6	16.4	22	18.3	16.9	16.2	17.7	22.9	15.7	94	93	71	90	93	93	89	29.2
8..	35.97	35.78	36.64	35.73	35.93	37.66	36.28	16.3	15.9	20.8	20.9	17.2	16.7	18	23.1	15.5	97	97	77	80	98	92	90.2	7.8
9..	35.99	36.11	37.48	36.35	36.67	37.64	36.71	16.8	16.7	20.4	19.9	17.4	16.3	17.9	23.8	15.9	88	88	77	90	98	99	90	9.1
10..	36.28	36.14	37.06	35.90	35.95	36.91	36.37	15.9	16.1	17.1	16.9	16.4	16.5	16.5	17.5	15.4	100	97	94	99	90	88	94.7	3
11..	35.97	35.78	36.27	35.11	35.28	36.62	35.84	15.7	16	21.4	20.6	17	16.6	17.9	22.8	15.5	94	94	78	91	98	93	91.3	6.6
12..	35.76	36.20	37.48	36.02	35.86	37.07	36.40	16	16.2	21.5	20.9	19	18.1	18.6	23.4	15.7	94	92	76	83	94	95	89	6.6
13..	36.28	36.79	37.47	36.30	37.44	37.94	37.04	16.8	17.1	23.9	19.7	18.7	18	19	24.4	16.2	93	97	70	98	97	96	91.8	16.8
14..	37.26	37.56	38.48	36.94	37.25	38.24	37.62	17	17.1	20.3	19.4	18	17.7	18.2	23.7	16.4	99	97	93	95	81	91	92.7	.3
15..	37.82	38.26	38.29	36.99	37.23	38.33	37.82	17.5	17.4	23.4	20	17.9	17.4	18.9	25.5	16.4	94	92	64	96	95	91	88.7	2.8
16..	37.42	37.82	38.06	36.70	37.04	38.19	37.54	16.9	16.9	23.2	20.9	18.5	18	19.1	24.2	16.2	93	90	55	89	93	91	85.2	.....
17..	37.35	37.35	38.24	36.84	37.34	38.49	37.60	16.8	16.6	21.9	19.2	16.7	17.9	18.2	23.4	15.5	97	89	76	91	91	82	87.7	19
18..	37.83	38.03	39.02	37.65	37.49	38.44	38.08	16.7	16.9	22.8	21.7	19	16.9	19	24.9	15.7	87	78	74	88	88	90	84.2	22.9
19..	37.30	37.61	38.44	36.73	37.01	37.23	37.39	16.8	17.4	21.2	21.6	18	17	18.7	23.7	16.1	89	88	80	82	90	82	85.2	4.1
20..	36.07	35.97	36.89	35.72	35.89	36.88	36.24	16.5	17.5	21.7	21.1	17.6	15.9	18.4	23.9	15.5	79	76	70	84	90	90	81.5	5.3
21..	36.07	35.72	36.82	35.39	35.83	36.97	36.13	15.8	16.4	21.2	21.5	16.9	16.2	18	24	15.2	95	87	78	87	97	98	90.3	11.2
22..	36.52	36.46	37.08	35.98	36.43	37.34	36.64	16.3	16.9	22.1	18.6	16.5	16.4	17.8	22.7	15.7	91	89	72	94	99	100	90.8	18.9
23..	36.72	36.73	37.59	36.56	36.81	37.86	37.04	16	16.5	20.9	20.1	16.9	16.1	17.8	24	15.6	99	89	85	91	96	96	92.7	.8
24..	36.77	36.77	37.41	36.02	36.14	37.09	36.70	16.7	16	19.4	20.4	16.6	16.6	17.6	21.7	15.8	90	95	89	92	98	97	93.5	22.1
25..	36.03	36.19	36.49	35.13	35	36.45	35.88	16	16	21.6	21.6	17.4	16.8	18.2	23.5	15.6	92	94	68	85	96	97	88.7	18
26..	35.70	35.71	36.79	35.60	35.82	36.82	36.07	16.3	16.2	19.1	20.7	16.9	16.8	17.7	23.7	16	97	97	81	87	95	98	92.5	8.2
27..	36.21	36.70	37.79	36.66	36.63	37.69	36.95	16.1	16	22.8	23	19.2	18	19.2	24	15.9	100	98	66	81	96	92	88.8	.....
28..	36.73	36.78	36.93	35.86	36.42	37.13	36.64	17.4	16.9	23.7	22.6	16	17.1	19	25.6	15.9	98	99	67	85	90	86	87.5	54.9
29..	36.24	36.46	36.52	35.57	35.34	36.62	36.12	17.4	16.9	22	21.4	18.7	17.8	19	23.9	15.8	90	94	68	91	97	96	89.3	.....
30..	35.57	36.05	37.01	36.03	36.33	36.65	36.27	17.8	17.7	23.6	21.9	18.5	18.5	19.7	25.9	16.4	92	92	67	89	97	88	87.5	.....
31..	35.97	36.78	37.67	36.27	36.46	37.34	36.75	17.4	17.8	24.8	22.3	18.1	17.7	19.7	25.6	16.8	94	95	57	87	87	90	85	22.4
Mean	36.31	36.48	37.33	36.04	36.23	37.27	36.61	16.6	16.6	21.6	20.8	17.8	17.2	18.4	23.8	15.8	93.4	91.8	74.3	87.6	93.2	92.1	88.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	295.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	N	SW	W	SW	SE	132.5	91.7	105.6	102.4	432.2	0	Ci.	Cu.	7	.....	Cu.-N.
2..	E	SE	SW	WSW	NW	SE	99.3	76.1	123.4	46.7	345.5	1	Ci. WNW	Cu.-N.	7	.....	Cu.-N. WNW
3..	E	SW	SW	W	SW	S	29.6	70.8	122.6	46.4	269.4	7	Ci.	Cu.-N.	10	.....	Cu.-N.
4..	W	WSW	SW	WSW	NE	SE	46.4	77.5	117	97.9	338.8	0	Ci.	Cu.	10	.....	Cu.-N.
5..	E	E	E	SW	SE	E	124.5	95.2	78.6	57.9	356.2	0	Ci.-S.	Cu.	8	.....	Cu.-N.
6..	SE	SE	SW	W	N	SE	72.6	88.8	122.5	86.9	370.8	10	.....	Cu.-N.	10	.....	N.
7..	E	E	SW	W	SE	SE	130.2	56.1	89.6	81.6	357.5	1	Ci.-S.	Cu.	9	.....	N.
8..	SE	E	SE	WSW	WSW	SE	51.2	70.3	141.6	67.9	331	1	Ci. WSW	Cu.-N.	9	.....	Cu.-N. SE
9..	E	ESE	WSW	W	WSW	SW	77	96.1	158.2	96.3	427.6	8	Ci.-Cu.	Cu.-N.	10	.....	N.
10..	W	ESE	WNW	WSW	W	SW	65.4	74.8	138.4	40.5	319.1	10	.....	Cu.-N. SW	10	.....	S.
11..	E	NE	WSW	SW	WSW	W	48.3	83.5	141.1	94.8	367.7	4	Ci.	Cu.-N.	10	.....	Cu.-N.
12..	SW	W	WSW	WSW	NW	S	50.7	77.4	110	35.6	273.7	2	Ci. N	S.-Cu.	7	Ci.-S.	Cu.-N.
13..	W	SE	SE	W	W	W	51	47.8	79.4	45.7	223.9	10	.....	Cu.-N.	10	.....	N.
14..	N	E	SW	WNW	E	E	44.9	54.5	77.4	45.7	222.5	1	Ci. EbyS	Cu.-N.	10	.....	Cu.-N.
15..	SE	ESE	ESE	SW	NW	E	44.9	102.2	91.2	53.1	291.4	8	Ci.-S.	A.-Cu.	10	.....	N.
16..	E	E	SE	SW	N	E	52.9	83.4	99.2	34.4	269.9	1	A.-Cu. SSE	Cu.	10	.....	Cu.-N.
17..	SE	N	SW	W	NE	SE	47.8	69.2	131.4	89.1	337.5	2	Ci.	.....	10	.....	Cu.-N.
18..	E	E	NE	W	NE	SE	60	48.6	106.7	73	288.3	0	Ci.	Cu.	10	.....	Cu.-N.
19..	E	NE	WSW	W	NE	E	83.9	63	124.9	89.3	361.1	0	Ci.	Cu.	9	.....	Cu.-N. NW
20..	E	NW	WSW	WSW	S	E	53.9	73.4	109.2	62.8	299.3	0	A.-Cu.	Cu.	10	.....	Cu.-N.
21..	E	NE	SW	W	NNE	SE	61	63.1	118.5	65.4	308	0	Ci.	Cu.	10	.....	Cu.-N.
22..	SE	WNW	SW	WSW	NE	SE	53.9	56.1	68.1	46.9	225	7	A.-Cu.	Cu.-N. E	10	.....	Cu.-N.
23..	E	E	SW	SW	NE	NE	89.9	60.2	65.8	67.1	283	1	Ci.	Cu.	10	.....	N.
24..	W	NE	SW	WSW	NE	E	48.3	47.3	94.8	88.5	278.9	8	A.-Cu.	S.-Cu.	10	.....	Cu.-N.
25..	E	SW	ESE	WSW	NE	E	75.1	54.9	89.8	65.7	285.5	9	Ci.-S.	N.	9	.....	Cu.-N.
26..	SE	ESE	S	WSW	E	SE	130.6	109.9	54.4	121.5	416.4	9	Ci.-S.	Cu.-N.	10	.....	Cu.-N.
27..	E	E	NE	WSW	W	S	133.4	74.8	74	40.5	322.7	2	Ci.	Cu.	9	.....	Cu.-N. SE
28..	E	NE	ESE	SW	E	E	40.4	50.7	97.1	54.9	243.1	9	Ci.	cu.-N. ENE	9	Ci.-S.	Cu.-N. SW
29..	SE	NE	ESE	WSW	W	NE	51.8	70	108.8	42.4	273	2	Ci.	Cu.	9	.....	Cu.-N. ESE
30..	E	ESE	E	WSW	NE	SE	48.3	72.4	106.4	77.9	305	1	Ci.	Cu.-N. SE	10	.....	Cu.-N.
31..	E	E	E	W	SE	SE	57.1	92.3	99.5	79.1	328	1	Ci.	Cu.	10	.....	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	69.6	72.6	104.7	67.7	314.6	3.7	.....	.....	9.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,752	.....	.....	.....	.....	.....	.....

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

JUNE, 1917.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	36.73	36.78	37.81	35.72	35.93	37.13	36.68	17.3	16.9	20	22.5	18	16.2	18.5	23.7	16	96	98	89	82	93	89	91.2	8.4
2..	36.32	36.42	36.99	35.43	35.63	36.23	36.17	16.4	17.3	21.3	23.3	17.5	16.7	18.8	23.4	15.8	87	85	77	79	94	96	86.3	2.1
3..	35.64	35.84	36.57	35.39	35.80	36.21	35.91	17.2	17.2	19.2	22	16.9	16.2	18.1	22.5	15.6	86	87	86	77	95	92	87.2	44
4..	35.73	35.94	36.38	35.81	36.04	37.06	36.16	16.5	16.8	23.9	21.4	18.5	17.5	19.1	25.3	15.6	95	84	64	92	96	96	87.8	3.6
5..	35.97	36.19	37.59	36.69	36.39	37.51	36.72	17.3	17.2	20.9	21.1	18.6	17.8	18.8	25.6	16.7	93	93	76	90	93	90	89.2	.....
6..	36.96	37	37.77	36.49	36.42	37.40	37.01	17.6	17.7	22.1	23.8	18.5	17.8	19.6	24.3	16.6	93	89	76	79	95	97	88.2	.8
7..	37.07	36.85	37.27	36.35	36.22	37.36	36.85	17.6	17.2	22.5	22.1	19	18	19.4	25.2	16.6	96	97	73	85	96	94	90.2	11.7
8..	36.91	36.65	37.35	36.55	36.57	37.49	36.92	17.2	16.9	22.7	22.5	18.9	17.7	19.3	24.8	16.2	94	88	57	78	95	95	84.5	.3
9..	36.90	36.77	37.63	36.68	36.68	37.88	37.09	17.4	16.9	23	24.9	18.5	18.2	19.8	25.2	16.1	93	89	61	60	97	93	82.2	.....
10..	37.09	36.70	37.37	36.77	36.78	37.49	37.03	17.5	16.7	23.2	20.1	18.1	17.4	18.8	24.5	15.8	94	91	62	90	97	96	88.3	19
11..	36.60	36.61	36.89	36.24	35.69	36.21	36.37	16.8	17.1	22.2	21.9	18.9	17.8	19.1	26	15.9	95	84	55	81	84	86	80.8	2.3
12..	35.22	35.74	36.52	36.05	35.94	36.77	36.04	17.2	16.7	20.9	22.8	19.8	17.8	19.2	25	15.9	84	79	68	56	90	91	78	.....
13..	35.51	35.79	36.32	35.74	35.61	36.64	35.94	17.1	16.5	21.6	23.1	19.9	17.7	19.3	24.8	16	84	78	54	50	90	94	75	.....
14..	35.98	36.31	37.04	36	35.98	37.19	36.42	16.4	16.9	21	23.6	19.6	18	19.2	24.2	15.8	97	86	65	60	93	91	82	.....
15..	36.48	36.69	37.65	36.82	36.73	38.29	37.11	17	16.9	21.6	22.5	19.1	17.2	19	24.8	16.5	94	95	84	81	97	91	90.3	1.8
16..	36.64	36.50	37.21	35.80	35.47	36.62	36.37	16.5	17.5	20.9	23.6	19.9	18.8	19.5	24	16.3	98	90	81	74	91	91	87.5	.8
17..	35.68	35.82	36.24	34.83	34.80	35.98	35.56	17.6	17	23	22	18.5	17.2	19.2	24.7	16.7	97	97	68	82	97	96	89.5	.....
18..	35.33	35.50	36.12	35.10	35.29	36.91	35.71	17.1	16.8	20.9	19.9	18.1	16.4	18.2	24.6	16.1	92	88	85	90	97	98	91.7	7.9
19..	36.23	36.44	37.07	36.18	36.59	37.15	36.61	16.5	16.8	21.9	20.6	16.5	16.4	18.1	24.8	16	100	98	78	89	95	93	92.2	14
20..	36.49	36.55	37.62	36.66	36.71	37.81	36.97	16.1	16.5	21.8	19.1	17.4	16.7	17.9	23	15.5	94	88	74	94	97	96	90.5	29.7
21..	36.70	36.69	37.08	36.14	35.91	37.19	36.62	16.5	16.1	21.1	23.2	17.6	16.2	18.4	23.9	15.9	93	90	76	73	92	92	86.	10.7
22..	36.46	35.74	36.22	34.91	35.07	36.18	35.76	16.2	16	21.9	17.5	16.5	15.5	17.3	23.5	15.2	98	98	77	98	98	97	94.3	22.1
23..	35.30	35.11	35.80	35.04	35.08	36.24	35.43	15.9	16	21.1	20.9	17.1	16.2	17.9	23.5	14.9	90	84	71	84	97	99	87.5	1.5
24..	35.78	35.83	35.94	35.61	35.67	36.37	35.87	15.6	16	21.4	23.6	17.4	16.7	18.4	23.6	15.1	97	92	65	65	93	96	84.7	2.3
25..	35.58	35.69	35.35	34.65	35.20	35.84	35.38	16.5	16.5	22.3	19	16.6	16.5	17.9	24.6	15.9	94	92	74	93	93	88	89	11
26..	34.57	34.31	34.34	33.43	33.48	34.18	34.05	16.5	15.9	21.2	17.9	15.9	15.5	17.2	22.8	15	88	89	64	97	93	92	87.2	38.1
27..	33.91	34.21	35.05	34.70	35.29	36.41	34.93	15.8	15.6	18.9	18.5	15.6	15.7	16.7	21.1	15.2	90	97	86	88	91	96	91.3	12.2
28..	35.45	35.87	37.06	36.55	36.84	38.28	36.68	16.4	16	18.5	19.1	17.9	16.1	17.3	20.7	15.3	87	96	94	91	98	96	93.7	13.7
29..	37.21	36.95	37.40	36.71	36.66	37.35	37.11	16.3	17.4	19.9	22.4	19.4	17.6	18.8	24.4	15.4	85	70	60	79	88	94	79.3	.....
30..	36.84	36.63	36.98	36.04	36.26	36.84	36.60	17	17.1	20.6	19.5	18.1	17.5	18.3	23.8	16.2	97	94	85	94	91	85	91	13.7
Mean	36.11	36.14	36.75	35.84	35.89	36.89	36.27	16.8	16.7	21.4	21.5	18.1	17	18.6	24.1	15.9	92.7	89.5	72.8	81	93.9	93.3	87.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	271.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	E	E	S	SW	W	W	72.1	43.8	106.7	69.7	292.3	3	Ci.-S.	S.-Cu.	10	.....	Cu.-N.
2..	E	NW	WSW	W	E	NE	53.4	66.2	113	29.8	262.4	8	Ci.-S.	S.-Cu.	9	.....	Cu.-N. SW
3..	NW	NNW	W	WSW	NE	E	34.9	55.3	78.1	65.4	233.7	7	A.-Cu.	S.-Cu.	8	.....	Cu.-N.
4..	NE	E	E	W	NE	SE	38.9	115.7	91.5	53.4	299.5	2	Ci.-S.	S.-Cu.	10	.....	Cu.-N.
5..	SE	E	S	WSW	E	E	101.7	86.6	82.9	58.4	329.6	0	Ci. ENE	Cu.-N.	10	.....	Cu.-N.
6..	E	ESE	NW	W	NE	E	62.5	59.7	88.2	56.6	267	1	Ci.	Cu.	9	.....	Cu.-N.
7..	E	E	SE	SW	N	NE	30.6	55.3	86.6	43.3	215.8	2	A.-Cu.	Cu.	10	.....	Cu.-N.
8..	E	SE	ESE	WSW	SW	E	83.4	79.4	73.7	67.4	303.9	1	Ci.	Cu.	9	.....	Cu.-N.
9..	E	E	NW	S	SW	W	99	83.9	58.4	32.2	273.5	0	Ci.	Cu.	7	Ci.-S.	Cu. E
10..	SE	ENE	SW	W	S	SE	79.9	83.1	77.2	63.8	304	0	Ci.	Cu.	10	.....	Cu.-N.
11..	SE	ESE	E	SW	E	E	99.5	139.2	65.4	111.6	415.7	0	Ci.	Cu.	9	.....	Gu.-N.
12..	E	ENE	SE	SE	W	NE	180.7	126.6	69.5	28.8	405.6	0	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. ENE
13..	E	ESE	E	ESE	SW	N	120.7	178.6	80.8	29.2	409.3	0	Ci.	Cu.	3	Ci.	Cu. SE
14..	NE	ENE	ESE	SE	W	NE	64.6	121.5	109.1	60.7	355.9	0	Ci.	Cu.	6	Ci.-S.	Cu.-N. ESE
15..	NE	E	SW	WSW	W	E	57.9	91.9	99.6	68.6	318	0	Ci.	Cu.-N.	7	Ci.	Cu.-N.
16..	E	ENE	SW	SW	N	SE	133.6	80.3	89.5	37.8	341.2	0	Ci.	Cu.	8	.....	Cu.-N. SE
17..	SE	SE	SW	SW	WSW	E	70.5	79.4	115.3	51	316.2	1	Ci.	Cu.-N.	9	Ci.	Cu.-N. SbyW
18..	N	ENE	WSW	SW	SW	E	55	67.6	118.3	69.2	310.1	2	Ci.-S.	Cu.-N.	10	.....	N.
19..	N	E	SW	SW	NE	E	39.7	52.1	93	58.4	243.2	3	A.-Cu.	Cu.-N.	10	.....	Cu.-N.
20..	E	E	SE	W	W	SE	107.8	61	109.7	51.5	330	8	A.-Cu.	S.-Cu.	10	.....	N.
21..	S	SE	WSW	W	WNW	W	77.5	70.2	139.4	81.3	368.4	1	Ci. NE	Cu.-N.	7	Ci.-S.	Cu.-N. WSW
22..	W	E	SW	WSW	SW	S	56	81	158.8	68.4	364.2	10	Ci.-S.	S.-Cu.	10	.....	N.
23..	SE	W	SW	SW	WSW	NW	31.7	54.2	110.4	63.4	259.7	2	Ci. NE	Cu.	10	.....	Cu.-N.
24..	E	E	ESE	SW	ESE	E	55.7	99.3	55.8	66.3	277.1	6	Ci.-S.	S.-Cu. SE	10	Ci.-S.	Cu.-N. ESE
25..	E	SE	E	WSW	E	SE	69.2	80.5	98.4	113.8	361.9	2	Ci.	Cu.-N.	10	.....	Cu.-N.
26..	E	E	E	W	W	S	136	91.2	103.8	44.6	375.6	4	Ci.-S.	S.-Cu. NE	10	.....	N.
27..	SW	NE	E	SW	SW	SE	54.1	68.6	105.6	67.9	296.2	9	Ci.	Cu.-N.	10	.....	N.
28..	SE	ESE	W	WSW	W	SW	92.2	67.9	43.3	101.7	305.1	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
29..	SW	SE	SE	WSW	SE	E	89	64.6	93.1	50.4	297.1	8	Ci.-S.	S.-Cu.	6	.....	Cu.
30..	NE	E	WSW	W	W	W	48.1	62.5	87.9	49.3	247.8	0	Ci.	Cu.	10	.....	N.
Mean	.....	.....	.....	.....	.....	.....	76.5	82.2	93.4	60.5	312.7	3	.....	.....	8.8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,380	.....	.....	.....	.....	.....	.....

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

JULY, 1917.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm*
1..	35.91	36.09	36.64	35.65	35.32	36.02	35.94	16.2	16.9	18.6	23.4	18	17.2	18.4	23.4	15.5	94	90	80	68	98	96	87.7	.....
2..	35.32	35.02	36.13	35.16	35.38	36.22	35.54	17	16.9	20.2	22.6	17.9	17.4	18.7	23.5	15.6	97	92	87	81	94	93	90.7	11.5
3..	34.98	35.06	35.74	35.07	34.91	36.03	35.30	17	16	21.5	23.1	17.9	16.9	18.7	23.8	15.4	92	99	80	76	97	98	90.3	24.3
4..	34.84	34.56	35.28	33.94	33.93	34.60	34.52	16.6	16.4	19.9	18.4	16.4	15.4	17.2	22	15.2	99	98	90	98	98	100	97.2	45.3
5..	33.83	33.46	34.10	33.29	33.26	34.14	33.68	15.5	15.4	20.2	17.2	16.5	16.5	16.9	21.5	14.6	98	97	87	99	99	98	96.3	51.3
6..	33.31	33.43	34.04	33.76	33.43	34.31	33.71	15.9	16.3	18.3	17	16.9	15.7	16.7	20.5	15.4	97	98	89	99	98	100	96.8	27.9
7..	33.89	33.87	34.31	33.96	33.85	34.77	34.11	16	15	19.2	18.9	17	16.6	17.1	21.7	14.6	100	97	84	86	99	99	94.2	6.3
8..	34.38	34.05	34.68	34.06	33.79	34.72	34.28	16.5	16.3	20	21.5	17.8	17	18.2	22.4	15.3	92	93	84	69	94	89	86.8	.....
9..	34.36	33.84	34.69	34.03	33.81	34.82	34.26	16.2	16.6	20.7	18.9	17.1	16.3	17.6	21.9	15.2	85	91	82	82	98	96	89	4.1
10..	33.83	34.10	34.83	34.16	34.10	34.81	34.30	16.4	16	19.6	17.1	16.5	16.3	17	19.6	15.3	96	95	88	99	98	94	95	26.4
11..	33.81	33.82	34.62	33.67	33.67	34.01	33.93	16.1	16	17.1	17	16.7	16.6	16.6	18	14.9	96	99	99	99	100	100	98.8	160.8
12..	32.65	32.84	33.27	32.21	31.74	32.63	32.56	15.6	15.7	16.1	16.9	16.6	16.5	16.2	17.2	15.1	100	98	100	99	99	99	99.2	156.1
13..	31.93	31.72	32.90	32.90	32.97	33.98	32.73	16.1	15.9	16.6	15.9	15.6	15.9	16	16.9	14.9	100	100	100	99	99	96	99	77.7
14..	33.20	33.84	34.28	33.90	33.62	34.96	33.97	16.3	15.2	18.9	15	16	15.9	16.2	20	14.4	95	96	84	99	88	84	91	24.7
15..	34.15	34.63	35.65	34.56	34.41	35.56	34.83	15.7	16.7	19.2	21.5	18.8	17.6	18.2	22.5	15.1	91	82	79	64	93	94	83.8	.8
16..	34.77	34.67	35.14	33.79	33.61	34.56	34.42	16.4	15.9	21.9	20.5	17.9	17.8	18.4	23	15.4	95	96	77	92	94	95	91.5	43.1
17..	33.51	32.51	32.84	32.34	32.74	33.42	32.83	17.5	17	17.2	17.1	15.6	15.4	16.6	17.9	14.9	92	96	97	98	99	97	96.5	69.6
18..	32.59	32.37	33.42	32.99	32.77	33.70	32.97	15.5	16.3	17.1	16.5	16.5	16.4	16.4	17.4	15.1	100	100	97	98	98	98	98.5	26.2
19..	32.93	33.03	34.27	33.57	33.22	34.88	33.65	16.6	16.4	16.9	16.9	16.4	16.7	17.4	17.5	15.7	98	96	94	99	94	98	96.5	13.2
20..	34.32	34.44	35.45	35.12	35.10	36.22	35.11	16.1	16.4	18.1	16.7	16.2	16.2	16.6	19.4	15.3	95	98	97	99	96	95	96.7	10.1
21..	35.14	35	35.79	35.60	35.36	36.32	35.54	15.7	15.9	18.8	20	16.1	15.4	17	21.4	14.8	94	88	76	77	99	98	88.7	15
22..	35.37	35.89	36.56	36.09	36.33	37.57	36.30	15.4	15.9	19.4	20.4	16.7	16.2	17.3	23	14.8	98	95	82	86	100	97	93	53.9
23..	36.56	36.90	37.51	36.78	36.90	37.55	37.03	16.2	16	20.4	19.1	16.4	15.8	17.3	22.1	15.3	95	94	84	87	99	97	92.7	32.2
24..	36.50	36.20	36.92	36.14	35.80	36.88	36.41	16	15.9	19.9	17.5	16	15.5	16.8	21.4	14.8	93	94	85	98	99	100	94.8	44.4
25..	35.91	35	35.51	35.35	35.42	36.18	35.56	14.9	16.2	20.5	20.7	16.2	15.9	17.4	21.9	14.4	96	86	75	81	99	98	89.2	5.1
26..	35.04	35.20	35.70	34.86	34.74	35.83	35.23	15.5	16	17.4	17.9	15.4	15.3	16.2	19.4	15	99	98	99	96	99	99	98.3	29.5
27..	34.76	34.25	35	34.15	33.90	34.89	34.49	16.3	16.5	18.1	17	16.4	16.3	16.8	19.7	15.7	99	100	99	99	99	100	99.3	34.8
28..	33.33	33.82	34.43	33.37	33.56	34.66	33.86	16.1	15.9	18.9	16.4	16.3	16.4	16.7	19.5	15.5	100	99	94	99	100	100	98.7	46.9
29..	33.82	33.67	34.53	33.82	34.22	35.13	34.20	16.6	16.5	16.5	16.9	15.2	16.2	16.3	17.8	15.2	98	99	99	99	100	98	98.8	50.5
30..	34.13	34.24	35.39	34.58	34.53	35.44	34.72	16.3	16.5	18.4	16.9	15.6	16.2	16.6	19.8	15.4	98	99	98	99	99	99	98.7	55.1
31..	34.35	34.25	35.13	34.37	34.50	35.65	34.71	16.6	16.1	17.5	18.5	16.7	16.2	16.9	20.3	15.4	99	100	98	97	99	99	98.7	33.1
Mean	34.30	34.25	34.99	34.30	34.21	35.18	34.54	16.2	16.2	18.8	18.5	16.6	16.3	17.1	20.5	15.1	96.2	95.6	89.2	91	97.6	96.9	94.4	..:....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,179.9

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	E	NW	W	SW	E	61.4	72.4	60.7	48.5	243	8	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.
2..	NW	E	SW	WSW	NW	N	45.7	64.4	104.1	68.9	283.1	4	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N. ESE
3..	SE	NE	SW	W	NW	W	46.4	66.8	124.5	47.7	285.4	0	Ci.	Cu.	10	.....	Cu.-N.
4..	W	SW	SW	SW	SW	W	34.4	102.4	195.7	153.7	486.2	9	Ci.-S.	N.	10	.....	N.
5..	W	W	WSW	WSW	WSW	W	90.3	106.8	185.2	90.7	473	6	Ci.-Cu.	S.-Cu.	10	.....	N.
6..	S	WSW	WSW	WSW	W	SW	89.6	128.7	159.9	95.8	474	10	Ci.-S.	Fr.-N. W	10	.....	N.
7..	SW	WSW	WSW	SW	WSW	SW	145	120.4	171.7	63.8	500.9	9	Ci.-S.	S. W	10	Ci.-S.	Fr.-N. SW
8..	W	W	WSW	WSW	WSW	NE	36.2	123.4	152.6	46.1	358.3	6	Ci.	S.	9	Ci.-S.	Cu.
9..	W	W	WSW	WSW	WSW	S	54.4	107.6	150	47.7	359.7	7	Ci.	S.	10	.....	Fr.-N.
10..	W	SW	W	WSW	WSW	W	56.5	95.8	179.9	89.9	422.1	10	Ci.-S.	S.-Cu. NW	10	.....	.....
11..	NW	W	WSW	WSW	WSW	W	129.2	152.9	211.1	245.6	738.8	10	.....	N.	10	.....	N.
12..	SW	W	WSW	WSW	SW	SW	227.2	249.4	276.8	371	1,124.4	10	.....	N.	10	.....	N.
13..	SW	SW	SW	SW	SW	SW	369.4	338	256.1	143	1,106.5	10	.....	.....	10	.....	N.
14..	SW	SW	ESE	WSW	WSW	E	220.7	72.2	143.5	113.7	550.1	10	.....	N.	10	.....	N.
15..	E	SSE	E	SSE	SSE	S	104.4	80.2	54.2	41.5	280.3	10	A.-S.	Fr.-N.	10	A.-S.	S.-Cu.
16..	NE	NNE	WSW	W	NE	W	43.7	65.8	81.1	38.6	229.2	10	Ci.-S.	Cu.	10	.....	.....
17..	NE	NW	NNE	WSW	SSW	SW	37	32.2	76.6	115.9	261.7	10	.....	N.	10	.....	N.
18..	ESE	ESE	ESE	SSE	SE	SE	151	141.9	105.2	97.1	495.2	10	.....	N.	10	.....	N.
19..	S	SE	S	SSW	SE	E	99.6	122.9	212.7	136.5	571.7	10	.....	N.	10	.....	N.
20..	S	SSE	ESE	SW	SW	N	79.7	60.4	199.5	120.7	460.3	10	A.-Cu.	N.	10	.....	N.
21..	W	SW	SW	WSW	WSW	SE	89.3	137.6	199	50.2	476.1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Fr.-N. SW
22..	SE	W	WSW	W	WSW	W	48.5	86.9	146.9	53.4	335.7	10	A.-Cu.	S.-Cu.	10	.....	N.
23..	W	WNW	SW	W	WNW	NW	71.9	86.6	159.5	115.1	433.1	9	Ci.-S.	Cu.	10	.....	Fr.-N.
24..	W	NW	WSW	W	WSW	SW	69.8	92.2	154.8	109.6	426.4	4	Ci.-Cu.	Cu.	10	.....	N.
25..	W	W	WSW	WSW	WSW	NW	75.8	100.3	156.4	64.9	397.4	10	Ci.-S.	S.-Cu.	10	.....	Fr.-N. SW
26..	W	WSW	SW	W	WSW	W	73.4	123.7	201.1	103.8	502	10	Ci.-S.	Fr.-N.	10	.....	N.
27..	W	W	WSW	W	W	W	85.6	108	167.7	122.5	483.8	10	.....	.....	10	.....	N.
28..	NW	NW	W	WSW	WSW	W	119.7	116.7	258.6	192	687	10	Ci.-S.	Fr.-N.	10	.....	N.
29..	W	SW	WSW	WSW	W	W	202.8	235	244.1	137.3	819.2	10	.....	N.	10	.....	N.
30..	W	W	WSW	WSW	WSW	SW	149.7	137.4	236	128.1	651.2	10	.....	.....	10	.....	N.
31..	W	W	W	WSW	WSW	SW	109.2	138.9	155.8	107.6	511.5	10	.....	.....	10	.....	N.
Mean	.....	.....	.....	.....	.....	.....	103.8	118.3	167.1	108.4	497.7	8.8	.....	.....	9.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,427.3	....	.....	.....	....	.....	.....

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

AUGUST, 1917.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	34.90	34.60	35.33	34.74	34.67	35.82	35.01	15.9	15.9	17.9	16.4	16.5	15.4	16.3	18.8	14.9	99	99	99	99	99	100	99.2	13.9
2..	35.07	35.20	35.88	35.17	34.90	36.15	35.40	16.4	17	17.7	18.1	17.4	16.7	17.2	18.9	15.4	99	100	99	99	99	99	99.2	34.3
3..	35.35	35.02	36.23	35.21	34.65	35.56	35.34	17	16.9	18.9	19	16.7	16.7	17.5	20.8	15.8	98	99	96	96	99	99	97.8	63.2
4..	34.96	34.82	35.25	34.24	34.22	35.17	34.78	16.3	16.4	19.1	17.5	16.3	15.9	16.9	19.9	15.4	99	99	90	98	99	100	97.5	38.8
5..	35.01	35.01	35.60	35.25	35.20	36.31	35.40	15.7	15.9	17.4	18.4	17.4	16.1	16.8	20.5	14.9	100	99	98	82	96	89	94	28.8
6..	36.01	36	37.12	36.09	36	37.20	36.40	16.3	16.3	20	21.4	17.4	16.6	18	22.3	15.8	87	87	75	80	98	96	87.2	5
7..	36.20	35.90	36.55	35.38	35.23	35.90	35.86	16.2	15.9	19.6	19.6	18.4	16.9	17.8	21.9	15.5	94	94	86	93	99	96	93.7	17.8
8..	35.42	35.55	36.05	34.66	35.60	35.77	35.51	16.3	16.4	20.4	23.4	17	16.3	18.3	24.9	15.2	98	96	72	81	98	92	89.5	16.5
9..	35.44	35.66	36.19	35.49	35.68	36.59	35.84	15.3	16.2	20.9	20.3	18.4	17.8	18.2	22.8	15.1	93	85	72	90	99	94	88.8	.....
10..	35.84	35.80	36.52	35.06	34.90	34.67	35.46	17	16.4	19.4	20.4	17.1	17.1	17.9	22.8	15.9	94	98	92	91	97	95	94.5	19.5
11..	33.33	32.59	32.89	32.50	32.69	34.70	33.12	16.5	16	17.3	16.6	16.4	16.4	16.5	17.5	15.5	99	99	99	99	99	99	99	214.1
12..	34.11	35.02	35.92	35.61	35.70	37.06	35.57	16.3	16.4	19.8	21.5	17.5	16.4	18	22.5	16	100	99	80	70	94	87	88.3	.....
13..	36.64	36.30	36.89	35.71	35.83	37.33	36.45	16.5	17.1	21.4	22.9	18	16.2	18.9	23.9	15.5	78	68	68	75	94	84	77.8	.....
14..	36.23	35.88	36.46	35.46	35.30	35.86	35.86	17.5	16.9	21.9	22.7	19.4	17.4	19.3	24.3	16.2	74	78	69	79	93	100	82.2	.....
15..	35.09	34.95	35.93	34.71	34.84	35.32	35.06	17.1	16	22.3	22.4	18.5	16.8	18.8	23.6	15.8	92	83	68	79	88	96	84.3	.....
16..	34.37	33.51	33.83	32.59	32.19	33.01	33.25	16.2	15.4	19.4	18.9	16.6	16.1	17.1	21.5	14.9	92	95	89	94	97	93	93.3	9.9
17..	31.63	31.25	31.56	30.80	30.45	30.98	31.11	16.5	15.5	16.5	17.1	16.5	17.4	16.6	17.5	15.2	95	77	98	99	99	99	94.5	62.7
18..	30.11	30.58	31.71	30.97	31.22	32.77	31.23	16.1	16.4	16.3	17.4	17.1	16	16.6	18.2	14.9	93	99	99	99	99	100	98.2	52.3
19..	32.66	32.85	34.12	33.89	33.84	35.28	33.77	16.6	16.7	17.3	16.9	16.8	16.9	16.9	17.8	16.3	99	99	95	99	99	97	98	18.3
20..	34.92	35.10	35.84	34.91	35.69	36.91	35.56	16.8	16.8	18.8	19.5	17	16.3	17.5	20.1	16.1	97	95	88	86	92	99	92.8	1
21..	36.63	36.90	37.39	36.67	37.16	38.40	37.19	16.6	16.4	22.4	22.4	17.4	16.4	18.6	23.4	15.8	97	98	60	82	96	97	88.3	5.6
22..	37.38	37.27	38.18	37.26	37.18	38.39	37.61	16.4	18.7	22.5	20.6	18.2	17.8	19	24.2	15.7	87	71	72	92	89	90	83.5	.....
23..	37.50	37.07	37.82	37	37.94	38.54	37.64	17.3	17.3	22.7	19.9	17	17.6	18.6	25	16.1	90	85	79	94	88	76	85.3	39.1
24..	37.89	37.74	38.55	37.44	37.86	38.56	38.01	16.9	17.8	23.8	20.4	18.3	16.7	19	24.3	16.1	76	67	60	90	90	90	78.8	1.3
25..	37.55	37.61	38.19	36.65	36.77	37.61	37.40	16.3	16.5	19.5	20.4	16.6	16.5	17.6	23.3	15.8	83	83	84	90	97	96	88.8	5.1
26..	36.55	36.49	37.14	35.97	35.71	36.32	36.36	16.1	16.5	21.4	21.7	18.9	17.8	18.7	23.3	15.9	98	93	77	86	94	97	90.8	1.8
27..	35.88	36	36.98	35.97	35.94	37.59	36.39	17.3	16.6	23.4	21.6	18.4	18	19.2	24.8	16.3	92	96	74	86	93	96	89.5	3
28..	37.24	37.04	37.64	36.37	36.08	37.44	36.97	17.8	17.4	20.7	20.9	18	17.9	18.8	24.4	16.5	96	91	88	94	91	93	92.2	1.3
29..	36.39	36.10	36.64	34.76	34.49	35.45	35.64	17.6	16.9	20.9	20.9	18.9	17.9	18.8	24.3	15.9	90	97	86	91	94	93	91.8	13.8
30..	34.50	34.36	35.27	34.09	34.06	35.50	34.63	17.2	16.8	23.4	21.3	19.1	17.3	19.2	24.5	16.4	94	95	68	94	97	94	90.3	7.8
31..	34.60	33.85	34.64	33.54	33.46	34.81	34.15	16.7	16.7	22.9	21.2	18.1	17.8	18.9	23.8	16.2	100	96	79	90	96	92	92.2	2.5
Mean	35.34	35.23	35.95	34.97	35	36.03	35.42	16.6	16.6	20.2	20.1	17.6	16.9	18	22.1	15.7	93	91	82.5	89.6	95.5	94.5	91	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	677.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	W	SSE	WSW	SW	WSW	W	61.2	136.2	254.3	151.5	603.2	10	.....	.....	10	.....	N.
2..	W	WSW	SW	WSW	WSW	W	128.1	143.5	217.7	151.6	640.9	10	.....	.....	10	.....	.....
3..	W	WSW	W	W	WSW	W	145.6	143.2	148.3	111.2	548.3	10	.....	.....	10	.....	N.
4..	W	W	W	WSW	WSW	S	82.7	87.5	140	70.3	380.5	10	.....	N.	10	.....	N.
5..	SW	SE	ENE	SW	WNW	SW	73.2	41.3	132.8	119.9	367.2	10	.....	.....	10	A.-S.	Fr.-N.
6..	SE	W	WSW	WSW	W	E	43.7	80.5	107.2	42.6	274	10	A.-Cu.	S.-Cu.	10	Ci.-Cu.	Fr.-N.
7..	E	NE	WSW	WSW	NW	E	66.8	62.5	79.5	76.7	285.5	10	Ci.-S.	S.-Cu.	10	.....	.....
8..	W	E	E	WSW	E	SE	39.4	74	89.8	126.3	329.5	9	Ci.-S.	S.-Cu.	9	Ci.	Cu.-N.
9..	NE	E	E	WSW	W	SE	75.8	50.1	51.7	31.2	208.8	9	Ci.-S.	Cu.	10	Ci.-S.	Fr.-N.
10..	N	NNE	WSW	WSW	WNW	W	52.3	81.5	125.7	102	361.5	10	Ci.-S.	S. NNE	10	.....	.....
11..	W	WSW	WSW	WSW	SW	SW	214.2	364.3	394	278.9	1,251.4	10	.....	N.	10	.....	N.
12..	SW	SE	SSE	WSW	WSW	E	150.7	52.3	150.7	73.7	427.4	10	A.-S.	N. SSW	9	Ci.-S.	Fr.-Cu. SSW
13..	E	W	SE	WSW	W	N	47.8	33	105.1	70.5	256.4	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
14..	E	W	SW	W	WNW	NE	29.2	63.1	98.8	53.2	244.3	2	Ci.	S.-Cu.	9	Ci.	Cu.-N.
15..	NW	NNW	WNW	WNW	N	NE	69.7	118.1	146.7	102.4	436.9	2	Ci.	Cu.	8	Ci.-Cu.	Fr.-N. NNW
16..	N	NW	WNW	WNW	NNW	N	95.8	100.3	130.4	118.3	444.8	9	Ci.-S.	S. N	10	Ci.-S.	N. N
17..	NW	NNW	WNW	WNW	WNW	SW	144	188.3	257.5	280	869.8	10	A.-S.	S.-Cu.	10	.....	.....
18..	SW	W	SW	WSW	W	SW	329.9	304.2	324.8	233.6	1,192.5	10	.....	.....	10	.....	N. W
19..	SW	SW	SW	WSW	SW	SW	177	259.1	208.4	189.9	834.4	10	.....	N. W	10	.....	N.
20..	SW	SW	WSW	WSW	ESE	E	183.7	86.6	66.8	49.9	387	10	.....	N. SW	10	A.-S.	N. SW
21..	E	WSW	WSW	WSW	WSW	W	50.2	50.7	113.7	74.5	289.1	10	.....	Fr.-N.	10	Ci.-S.	Cu.-N. SW
22..	NE	SE	SW	WNW	N	N	74.5	58.9	107.2	78.4	319	9	A.-Cu.	S.-Cu.	10	.....	N.
23..	W	W	WSW	W	NE	NE	31.2	60.9	128.2	96.1	316.4	1	Ci.	Cu.	10	.....	N.
24..	W	NE	WSW	W	W	E	36.7	45.6	78.6	45.7	206.6	0	Ci.	Cu.	10	.....	.....
25..	W	Calm	W	W	NNE	E	33.8	41.3	108	74.8	257.9	1	A.-Cu.	S.-Cu.	10	.....	N.
26..	NE	E	SW	W	NNW	W	42	58.7	89.8	65.4	255.9	7	A.-Cu.	S.-Cu.	10	.....	Cu.-N.
27..	SE	E	SW	W	NW	Calm	53.2	65.8	106.7	53.4	279.1	1	Ci.-S.	Cu.	9	.....	Cu.-N.
28..	NW	NE	WSW	WNW	N	SW	43.8	53.4	105.4	58.2	260.8	8	Ci.-S.	Cu.-N.	10	.....	N.
29..	W	NE	WSW	W	E	E	44.1	66	72.1	74.3	256.5	1	Ci.	Cu.	10	.....	.....
30..	SE	E	E	W	W	NE	103.3	74.5	90.3	41	309.1	2	Ci.-S.	S.	10	.....	N.
31..	E	E	NW	WSW	SW	SE	51.8	44.6	83.4	54.9	234.7	5	Ci.	Cu.	10	.....	Cu.-N
Mean	.....	.....	.....	.....	.....	.....	89.5	99.7	139.1	101.6	430	7.3	.....	.....	9.8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13,329.4	.....	.....	.....	.....	.....	.....

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

SEPTEMBER, 1917.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct*	*P.ct*	*P.ct.*	*mm.*
1..	34.26	34.01	34.68	33.37	33.87	34.55	34.12	16.9	16.9	23	19.4	17.9	17.3	18.6	25.7	16.6	98	96	66	95	94	97	91	26.7
2..	33.95	33.78	34.94	33.36	33.47	34.85	34.06	16.7	16.7	19.9	22.8	17.4	17	18.4	24.3	16.4	100	97	85	66	97	98	90.5	2.8
3..	34.26	34.02	35.24	34.27	34.88	35.71	34.73	16.7	16.6	19.5	18.6	16.9	16.7	17.5	22.1	16.4	97	99	85	97	98	90	94.3	9.7
4..	34.74	34.79	35.53	34.41	34.30	35.33	34.85	16.7	16.5	20.9	21.2	17.5	16.8	18.3	23.2	16.3	84	99	83	79	93	94	88.7	14
5..	35.09	34.92	35.63	34.46	34.21	35.72	35	16.7	17.2	18.6	19	17.2	16.6	17.6	21.4	15.8	95	91	97	98	96	99	96	12
6..	34.84	34.79	35.60	34.79	34.86	35.76	35.11	15.6	15.8	18.5	19.9	17	16.5	17.2	22.4	15	100	95	98	95	98	97	97.2	39.1
7..	34.77	34.68	35.35	34.31	34.49	35.49	34.85	16.1	16.4	22.6	21	16.6	17.5	18.4	22.8	15.9	100	99	81	95	97	90	93.7	42.2
8..	34.59	34.49	35.48	34.21	34.53	35.69	34.83	16.8	16.4	21.5	20.9	17.9	16.8	18.4	23.6	16.1	97	98	82	93	90	92	92	7.9
9..	34.96	34.92	35.76	34.36	34.81	35.53	35.06	15.9	15.4	20.5	19.3	17.1	16.9	17.5	22.6	15.4	100	99	85	95	96	97	95.3	4.1
10..	34.95	34.62	35.45	33.80	33.73	34.38	34.49	16.5	16.4	18	18	16.9	16.8	17.1	20.6	14.9	99	99	99	99	99	98	98.8	137.4
11..	33.20	33.27	33.82	32.85	33.44	34.81	33.56	15.8	14.9	16.4	17.1	16.5	15.8	16.1	17.4	14.5	99	99	99	99	99	100	99.2	49.6
12..	34.66	35	35.99	35.33	35.84	36.89	35.62	16	16.4	17.1	17.4	16.7	16.5	16.7	19.8	15.5	100	99	98	96	95	97.8	3.4	
13..	36.43	36.18	37.37	36.14	36.81	37.64	36.76	16.4	16	22.6	21.1	16.4	16	18.1	25	15.2	91	89	69	87	95	97	88	15.6
14..	36.66	36.29	37.44	36.55	36.22	37.51	36.78	15.3	16.5	19.1	19	17.5	16.5	17.3	20.8	14.9	99	88	89	89	90	100	92.5	.3
15..	36.89	37.08	37.71	36.28	36.40	37.51	36.98	15.9	15.4	22.5	22.8	17.6	17.5	18.6	24.5	15.2	96	96	73	88	96	95	90.7	10.9
16..	36.82	36.63	37.49	36.05	35.98	36.32	36.55	16.2	16.8	21.5	21.2	18.9	17.9	18.8	24.6	15.9	99	86	81	90	94	88	89.7	.....
17..	35.94	35.48	36.74	35.98	36.13	37.35	36.27	16	15.5	20.7	23	18.5	16.8	18.4	23.6	15.2	96	83	78	48	95	98	83	.....
18..	36.47	36.79	37.74	36.47	36.89	38.20	37.09	17.2	16.9	21.6	21.4	18.8	17.6	18.9	25.5	15.7	82	83	68	90	98	94	85.8	20.9
19..	37.52	37.63	37.74	36.55	36.71	37.51	37.28	16.4	16.2	23.4	22.1	17.2	16.9	18.7	24.8	15.9	100	90	62	81	96	92	86.8	3.3
20..	36.42	36.43	37.18	35.87	36.03	36.75	36.45	16.4	16	23.4	21.6	17.9	17.3	18.8	24.8	15.8	92	84	60	80	84	86	81	.....
21..	36.48	36.24	37.34	36.29	36.87	37.66	36.81	16.4	16	21.8	17.4	16.2	16	17.3	24.6	15	94	90	63	96	96	92	88.5	18.3
22..	36.84	36.63	37.34	36.02	36.42	36.95	36.70	15.7	16.5	20.1	21.6	15.9	16	17.6	22.6	15.2	90	72	75	82	94	93	84.3	23.4
23..	36.27	35.75	36.52	35.16	35.37	36.35	35.92	15.7	15.4	21.1	22.6	17.1	16.5	18.1	22.9	15.3	96	88	81	78	97	98	89.7	9.4
24..	35.54	35.72	36.68	34.58	34.86	35.88	35.54	16	16.1	19.9	19.3	17.4	17	17.6	22.5	15.5	99	92	90	95	99	98	95.5	14.9
25..	34.70	34.72	35.29	33.81	34.23	35.38	34.69	16.8	16.1	20.9	18.4	17	16.2	17.6	22.1	16	99	97	88	96	98	100	96.3	43.4
26..	34.12	34.11	35.49	34.41	35.05	36	34.86	16.1	16.9	19.1	19.4	16.9	17.4	17.6	21.1	16	100	84	92	91	95	92	92.3	16.6
27..	35.06	35.47	36.37	34.71	34.84	35.92	35.40	16	16	20.6	21.1	17.2	16.6	17.9	22.4	15.7	100	98	88	94	98	100	96.3	41.6
28..	34.81	34.69	35.39	34.08	34.30	35.62	34.82	15.8	15.9	20.1	20.4	17	17	17.7	23.1	15.7	100	96	88	87	96	95	93.7	.8
29..	35.13	34.65	36.02	34.87	35.10	35.95	35.29	16.8	15.9	19.4	18.5	16.9	16.1	17.3	21.2	15.4	94	94	92	92	99	100	95.2	38.1
30..	35.61	35.36	36.64	35.35	36.01	37.17	36.02	16.4	16.5	19.9	18.4	16.4	16.1	17.3	22.4	15.6	96	90	89	96	99	100	95	19.1
Mean	35.40	35.30	36.20	34.96	35.22	36.21	35.55	16.3	16.2	20.5	20.1	17.2	16.8	17.8	22.8	15.6	96.4	92.3	82.8	89	95.7	95.5	92	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	625.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			6 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	E	E	E	NW	E	E	72.2	80.8	91.1	121.7	365.8	10	Ci.-S.	Cu.	10	.....	.....
2..	SE	ESE	ESE	SSE	ESE	SE	117.5	105.6	88.2	112.5	423.8	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
3..	S	ESE	SE	WSW	SE	E	88.2	80	75.6	97.4	341.2	10	.....	.....	10	.....	N.
4..	E	E	WSW	WSW	SSE	SE	86.1	53.1	73.4	36	248.6	10	.....	Fr.-N.	10	A.-S.	Fr.-N.
5..	W	NNW	WSW	W	N	E	34.8	58.5	107.8	82.4	283.5	9	A.-S.	S.-Cu.	10	.....	N.
6..	E	Calm	W	W	SW	E	37.6	50.5	111.2	64.6	263.9	9	Ci.-S.	Cu.	10	.....	N.
7..	SE	E	E	WSW	E	SE	86.6	67.6	77.2	97.9	329.3	10	.....	.....	10	.....	N.
8..	E	ENE	ESE	W	E	E	78.6	63.1	42.6	83.1	267.4	10	A.-S.	S.-Cu.	10	A.-S.	Fr.-N.
9..	W	NNE	WSW	SW	WNW	NW	51.2	62.2	117.5	55.7	286.6	10	Ci.-S.	S.-Cu.	10	.....	N.
10..	NW	NW	W	W	WNW	W	49.4	92.3	161.2	171.1	474	10	.....	N.	10	.....	N.
11..	SW	SW	SW	SW	SW	SW	346.8	375.	284.4	265.7	1,271.9	10	.....	N.	10	.....	N.
12..	SW	SW	WSW	SW	SW	SE	108	139.8	128.2	76.2	452.2	10	.....	N.	10	.....	N.
13..	W	E	ESE	WSW	W	W	52.9	80.3	84.3	49.9	267.4	0	Ci.	Eby N	Cu.	10	.....	Cu.-N.
14..	NE	ESE	SW	NW	S	E	62.3	42.6	47.5	35.6	188	5	Ci.	NE	Cu.	10	.....	N.
15..	NE	E	S	WSW	W	E	54.5	55	102	58.9	270.4	1	Ci.		Cu.-N.	9	.....	Cu.-N.
16..	E	E	WSW	WSW	S	SE	89.9	77.7	81.5	92.3	341.4	5	Ci.-S.		S.-Cu.	10	.....	Cu.-N.
17..	E	E	WSW	SE	SW	NE	91.5	64.2	54.5	56.3	266.5	1	Ci.		Cu.-N.	6	Ci.-S.	E Cu.
18..	E	SE	E	WSW	W	E	68.6	89.3	74	47.5	279.4	9	Ci.-S.		S.-Cu. NE	10	.....	Cu.-N.
19..	NW	E	ENE	SW	SW	E	52.5	66.2	119.1	50.9	288.7	0	Ci.		Cu.-N.	7	.....	Cu.-N. E
20..	E	E	E	W	NW	SE	108.1	119.7	88.3	32.5	348.6	8	Ci.-S.		Cu.-N.	10	.....	Cu.-N. SW
21..	E	NE	E	W	NE	SW	86.6	71.6	93.9	56.1	308.2	6	Ci.		S.-Cu. SSE	10	.....	Cu.-N.
22..	NE	E	SW	WSW	W	SE	53.1	58.4	96.3	58.1	265.9	10	Ci.-S.		s.-cu. ESE	10	.....	Cu.-N.
23..	SW	E	SW	W	N	E	20.9	62.8	96.8	53.7	234.2	0	Ci.		Cu.	9	.....	Cu.-N.
24..	E	E	WSW	W	SW	W	38.3	51	73.4	48.5	211.2	1	Ci.		Cu.	10	.....	N.
25..	E	E	SW	W	N	E	40.2	59.2	88.7	45.9	234	0	Ci.	E	Cu.-N.	10	.....	N.
26..	NE	E	SW	WSW	NE	E	55.2	44	63.6	63.4	226.2	2	Ci.	E	Cu.-N.	10	.....	N.
27..	NE	N	WSW	SW	WSW	E	58.5	46.4	107.3	79.2	291.4	1	Ci.	NNE	Cu.-N.	10	.....	N.
28..	E	NE	WSW	WSW	SW	SE	71.6	58.9	123.3	47	300.8	10	Ci.-S.		S. SE	10	.....	Cu.-N.
29..	W	WSW	SW	SW	SW	NE	51.5	121.7	149.5	79.7	402.4	1	Ci.	NW	Cu.-N.	10	A.-Cu.	Cu.-N. WSW
30..	SW	W	SW	W	W	W	35.2	71.8	158.8	54.2	320	10	A.-Cu.		S.-Cu. WSW	10	.....	N.
Mean	.....	.....	.....	.....	.....	.....	74.9	82.3	102	75.8	335.1	6.3	.....	.....	.....	9.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,052.2	.....	.....	.....	.....	.....	.....	.....

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

OCTOBER, 1917.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	36.63	36.49	37.61	35.68	35.72	36.56	36.45	15.7	15.5	20.4	18.6	17.1	16.6	17.3	23.6	15.2	100	99	81	98	99	100	96.2	2.8
2..	35.80	36.19	36.78	35.44	35.74	36.77	36.12	16.7	15.9	21	19.4	17.9	16.8	18	21.4	15.4	98	99	76	89	93	90	90.8	.....
3..	36.01	36.24	36.75	35.49	35.98	36.76	36.20	16	15.4	21.9	19	17.2	16.9	17.7	22.8	15.1	93	92	76	96	96	91	90.7	22.8
4..	35.74	35.72	35.99	34.57	35.27	35.60	35.48	16	16	21.6	18.4	15.8	16	17.3	23.3	15	95	98	84	98	99	89	93.8	27.3
5..	34.45	34.30	34.80	33.16	33.48	33.89	34.01	15.9	16.4	20.4	20.6	17	16.6	17.8	22.9	15.3	94	94	84	91	100	100	93.8	3.4
6..	32.45	32.51	33.02	31.11	31.24	32.24	32.10	16.6	16.6	19.9	19.8	18.4	18	18.2	24.3	15.9	94	92	81	95	99	89	91.7	1.3
7..	31.11	31.01	32.10	30.64	30.97	32.99	31.47	17	16.3	21.4	20.3	19.1	17.5	18.6	22.2	16.2	91	92	81	95	97	99	92.5	3.4
8..	32.14	32.40	33.63	32.26	32.99	33.98	32.90	17.5	17.6	23.2	21.2	19.5	18.1	19.5	24.3	16.5	95	92	75	87	98	100	91.2	5.6
9..	33.67	34.36	35.53	34.48	34.99	36.06	34.85	16.9	16.5	20.2	20.5	17.2	15.7	17.8	22.6	15.3	100	100	87	82	99	100	94.7	.....
10..	35.21	35.17	36.20	34.69	35.13	36.13	35.42	15.4	15.6	19.9	19.9	17.9	17.2	17.6	20.7	15	96	87	68	90	99	97	89.5	10.5
11..	35.42	36.11	37	36.07	36.83	37.64	36.51	16.8	16.5	19.4	22.4	18.5	17.6	18.5	23.1	16.4	98	99	82	71	93	93	89.3	.....
12..	36.66	36.75	38.28	36.55	37.28	37.79	37.22	16.8	16.7	23	20.8	17.6	17.4	18.7	23.8	16.4	91	84	63	89	96	92	85.8	3.3
13..	37.48	37.69	38.01	36.46	36.65	37.83	37.35	16.9	16.5	21.3	22	18.1	16.6	18.6	23.3	15.7	95	94	68	81	99	93	88.3	4.6
14..	36.90	37.18	38.02	36	36.55	37.44	37.02	16.4	16.4	21.4	17.4	16.7	16.1	17.4	23.7	15.4	98	94	83	99	98	98	95	20.3
15..	36.43	36.32	37.59	35.44	36.12	37.02	36.49	16.4	16.4	21.4	22.3	16.4	16.5	18.2	23.5	15.6	91	87	73	81	96	93	86.8	15.1
16..	35.93	36.23	37.31	35.63	35.79	36.47	36.23	16	15.9	22.7	18.5	16.6	16.8	17.8	23.5	15.2	90	83	67	96	92	89	86.2	12.2
17..	35.16	35.34	36.39	34.63	34.93	35.74	35.36	16.3	15.9	22.2	22.4	18.3	16.4	18.6	24.1	15.3	87	82	61	57	74	79	73.3	.....
18..	35.36	35.27	36.24	34.79	35.30	35.86	35.47	16.1	15	22.9	20.7	18	17.1	18.3	24.5	14.3	79	84	55	87	96	92	82.2	.3
19..	35.51	35.56	36.50	35.16	35.49	36.47	35.78	16.4	15.8	21.2	20.5	17.9	16.4	18	23.6	15.3	88	89	65	84	87	91	84	.....
20..	35.72	35.98	36.53	35.14	35.19	35.92	35.75	16.7	16.9	22.2	17.6	18.1	16.9	18.1	22.6	15.5	81	78	77	84	97	96	85.5	26.7
21..	35.56	35.84	36.95	35.25	35.60	37	36.03	16.4	16.4	23.6	19.6	18.3	17.4	18.6	24.3	15.9	93	88	69	90	95	96	88.5	5.1
22..	35.85	35.82	36.84	35.34	35.96	36.96	36.13	16.5	17	22.4	19	17.8	17.1	18.3	23.6	16.1	90	84	77	93	90	94	88	6.2
23..	36.07	36.08	37.24	36.09	36.47	36.65	36.43	16.7	17	19.6	19.3	17.5	16.9	17.8	23	16	93	90	89	93	96	95	92.7	17.5
24..	36.23	36.31	37.09	35.55	36.49	36.83	36.42	17	16.8	23.3	20.6	18.2	17.5	18.9	24.4	16.2	92	91	71	92	96	98	90	12
25..	35.91	36.30	36.79	34.96	35.62	36.55	36.02	17	16.9	23.2	21.9	17.9	17	19	25	15.9	98	95	71	88	98	100	91.7	8.1
26..	35.29	35.54	36.58	34.98	35.46	35.89	35.62	16.3	16.1	21.6	17.2	17	16.4	17.4	22.3	15.5	100	97	75	90	98	96	92.7	2.9
27..	34.64	34.99	36.33	34.33	34.79	35.67	35.12	16.4	16.1	22.4	19.3	17.7	16.6	18.1	24.3	15.4	91	89	64	90	95	100	88.2	.....
28..	35.01	35.68	37.08	35.82	36.53	37.55	36.28	15.8	16.6	22.6	20.3	18	17.5	18.5	24.5	15.6	99	89	64	86	99	99	89.3	.5
29..	37.10	37.23	38.27	36.71	37	37.90	37.37	16.8	16	22.6	23.1	18.5	17.1	19	24.8	15.4	97	97	61	80	97	92	87.3	.....
30..	37	36.80	37.45	36.39	36.79	37.35	36.96	16.4	16	22.8	22.4	18.9	17.5	19	25.5	15.5	85	87	60	79	77	81	78.2	.....
31..	36.31	36.27	37.07	36.02	36.11	36.64	36.40	16.4	16.3	23.2	23.1	18.5	17.3	19.1	25.4	15.1	83	79	50	44	64	71	65.2	.....
Mean	35.44	35.60	36.52	34.99	35.43	36.26	35.71	16.5	16.3	21.8	20.3	17.8	17	18.2	23.6	15.6	92.7	90.5	72.2	86.3	93.9	93.3	88.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	211.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SE	E	E	WSW	SE	E	63.9	49.4	65.7	78.9	257.9	1	Ci.	S.-Cu.	10	.....	Cu.-N. SSE
2..	E	NE	E	SW	SE	E	86.6	61.8	50.9	68.1	267.4	9	A.-Cu.	S.-Cu. NNE	10	A.-S.	Cu.-N.
3..	E	SE	E	WSW	N	S	74.8	65.4	76.9	52.9	270	1	Ci. N	Cu.-N.	10	.....	N.
4..	N	N	SW	W	N	E	54.4	87.9	105.1	70.2	317.6	8	Ci.	Cu.-N. NE	10	.....	N.
5..	N	N	SW	W	SW	SW	83.7	79.2	96	59.8	318.7	2	A.-Cu. ENE	S.-Cu.	10	.....	Cu.-N. NNE
6..	NE	NE	W	WSW	W	N	78.9	40.4	52.9	54.5	226.7	2	Ci.-S. ESE	S.-Cu. N	10	.....	N.
7..	W	NE	SW	W	S	E	56.1	54.9	83.4	60.4	254.8	8	Ci.-S.	Cu.-N.	10	.....	N.
8..	W	N	NNE	W	W	SE	80.5	68.2	69.4	43.7	261.8	3	Ci.	S.-Cu. E	10	.....	N.
9..	SW	SW	SW	SW	W	W	46.1	74.6	118.8	74.5	314	10	.....	N.	10	A.-Cu.	Cu.-N. WbyN
10..	W	NW	NE	SW	SW	E	38.3	30.6	54.9	64.1	187.9	6	Ci.-S.	S.-Cu. WSW	10	.....	Cu.-N.
11..	SE	ESE	ESE	SE	E	E	90.1	136.8	42.	155.1	424	9	.....	Cu.-N. SE	9	Ci.-S.	Cu.-N. SSE
12..	E	ESE	E	W	W	W	182.9	107.8	83.1	54.4	428.2	9	.....	N. SE	10	.....	Cu.-N. SSE
13..	NW	W	E	W	NE	E	54.9	49.7	72.1	62.5	239.2	3	Ci.	Cu.-N.	9	.....	Cu.-N.
14..	NE	E	SW	W	S	SE	59	49.7	88.5	89.5	286.7	10	Ci.-S.	Cu.-N. ESE	10	.....	N.
15..	SE	E	SW	W	E	SE	120.4	82.1	94.6	57.9	355	7	A.-Cu. N	S.-Cu. NNE	10	.....	Cu.-N. ESE
16..	E	NE	ESE	S	E	E	62.8	66	61.8	84.3	274.9	8	A.-Cu. NNE	Cu.-N. ENE	10	.....	S.
17..	E	E	E	SE	SE	SE	130.6	81.5	75.8	95.8	383.7	1	Ci. NE	Cu.	6	.....	Cu. E
18..	E	E	SE	W	SE	E	99	71.8	71	67	308.8	0	Ci.	Cu.-N.	9	.....	Cu.-N. E
19..	NE	E	E	W	SE	SW	45.1	51	43.1	57.9	197.1	1	Ci.	Cu.	10	.....	Cu.-N. E
20..	E	W	WSW	NE	NE	E	63.9	55.3	50.5	81.1	250.8	3	Ci.	S.-Cu.	10	.....	N.
21..	E	E	E	SW	NE	E	102.7	59.5	54.2	53.1	269.5	6	A.-Cu. WNW	Cu. ESE	10	.....	N.
22..	E	E	WSW	S	E	W	86.6	62.2	61	45.6	255.4	6	Ci.-S.	S.-Cu.	10	.....	Cu.-N.
23..	NE	E	SW	W	NW	N	93.3	57.6	63	69.2	283.1	3	Ci.	Cu.	10	.....	N.
24..	E	E	N	W	W	E	95.8	63.6	67	45.3	271.7	4	Ci.-S.	S.-Cu.	10	.....	N.
25..	N	E	E	WSW	N	SE	54.7	62.6	86.4	45.4	249.1	1	Ci.	Cu.-N.	9	.....	Cu.-N. NE
26..	S	SE	ESE	WSW	E	NE	47.5	73.7	78.6	71	270.8	0	Ci. EbyS	Cu.-N.	10	Ci.-S.	N.
27..	E	W	SSE	W	SE	E	66	40.5	72.9	68.9	248.3	1	Ci. NNE	Cu.-N.	10	.....	N.
28..	N	E	SW	SW	NE	S	*22	80.3	58.5	47.5	*208.3	0	Ci.	Cu.-N.	10	.....	N.
29..	E	NE	ESE	W	SW	E	84.5	64.1	85.6	53.1	287.3	1	Ci. ENE	Cu.	9	.....	Cu.-N. SE
30..	SE	E	ESE	SW	E	E	77.9	96.9	66.5	119.9	361.2	0	Ci.	Cu.-N.	4	Ci.	Cu. SSE
31..	E	SE	SE	ESE	E	SE	94.4	66.8	109.2	112.3	382.7	0	Ci.	Cu.	2	Ci.	Cu. ESE
Mean	.....	.....	.....	.....	.....	.....	77.3	67.5	72.9	69.8	287.5	4	.....	.....	9.3	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,912.6	.....	.....	.....	.....	.....	.....

* 4 hours missing.

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

NOVEMBER, 1917.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	35.70	36.03	36.81	35.54	35.79	36.37	36.04	17.2	15.9	24.7	22.5	18.2	16.7	19.2	25.4	15.2	62	68	48	79	93	93	73.8	.....
2..	35.64	36.11	37.18	35.77	36.04	36.57	36.22	16.4	16.3	23.5	21.9	18.3	17.3	19	25.4	15.4	84	79	55	81	96	83	79.7	.....
3..	36.21	36.44	37.33	36.10	36.71	37.40	36.70	16.7	15.2	23.4	22.6	18.5	16.5	18.8	24.7	14	84	86	56	46	65	72	68.2	.....
4..	36.01	36.96	38.10	36.89	36.80	37.67	37.07	16.3	16.4	20.6	21	17.8	17.5	18.3	22.4	15.4	62	56	55	67	79	78	66.2	.....
5..	37.25	37.72	38.67	36.71	36.77	37.81	37.49	17	15.6	20.4	21	17.5	16.9	18.1	21.1	15.3	82	68	66	72	87	89	80.7	.....
6..	36.87	37.20	38.90	37.30	37.12	37.48	37.48	16.2	15.6	20.6	20.4	17.4	16.6	17.8	21.5	15.2	94	91	57	58	74	66	73.3	.....
7..	36.36	36.63	38.10	36.64	36.90	38.08	37.12	16.5	16.4	21.9	19.9	17	15.7	17.9	22.4	15.6	67	68	61	74	78	91	73.2	0.3
8..	37.39	37.57	38.45	36.96	37.27	37.59	37.54	16.4	16.8	21	22.5	17.6	16.9	18.5	23.6	15.9	82	85	63	50	76	77	72.2	.....
9..	36.51	36.38	37.04	35.28	35.59	36.46	36.21	16.3	16.4	22.7	21.9	17.8	17.8	18.8	24.6	15.4	76	70	55	75	94	87	76.2	.....
10..	35.32	35.99	37.04	35.26	35.81	36.73	36.02	17.3	17.2	18.9	21.9	17.9	17.3	18.4	24.3	16.4	91	93	80	84	92	94	89	.....
11..	35.55	35.77	36.56	35.28	35.80	37.20	36.03	16.3	16	23.9	20.6	17.7	16.5	18.5	25.5	15.9	97	85	59	87	88	94	85	1.8
12..	36.20	37	37.78	36.08	36.76	37.71	36.92	16	16.1	23.2	18.4	16.2	15.4	17.6	24.3	14.5	85	84	65	94	98	93	86.5	20.4
13..	36.95	37.40	38.77	37.14	37.34	37.74	37.56	13.8	14.5	21.9	21.2	17.9	15.6	17.5	23.3	13.6	95	81	62	78	95	95	84.3	2.3
14..	36.43	36.62	37.54	36.03	35.93	36.58	36.52	15.3	14.4	22.2	21.9	17.9	16.2	18	23.4	13.9	87	93	46	79	94	95	82.3	.....
15..	35.94	36	36.99	35.14	35.12	36.03	35.87	15.7	14.5	19.4	19.9	17.1	15.1	17	22	14.4	94	93	80	85	97	100	91.5	.....
16..	34.90	35.36	36.23	34.81	35.14	36.13	35.43	15.1	14.9	22.4	21.4	16.6	14.9	17.6	24.5	14.4	99	84	57	77	84	91	82	.....
17..	35.51	35.80	36.67	35.18	35.31	35.72	35.70	14	13.9	20.1	19.9	17.9	15.8	16.9	24.7	13.2	97	95	68	84	91	95	88.3	.....
18..	34.72	35.48	36.28	34.84	35.22	35.80	35.39	15.3	15.7	23	20.5	17.9	16.8	18.2	24.1	15	95	85	59	84	94	93	85	.....
19..	34.91	34.55	35.70	34.41	34.62	35.76	34.99	16.3	15.9	22.2	20.4	17.3	16.7	18.1	24.8	15.4	90	88	64	85	83	86	82.7	.....
20..	35.24	35.63	36.74	35.51	35.85	36.93	35.98	16.4	16.4	22.8	22.3	17.6	16.4	18.6	24.5	15.3	85	85	61	60	86	90	77.8	.....
21..	36.11	36.79	37.59	36.76	37.01	38.24	37.08	15.3	16.3	23.6	18.6	16.9	16.3	17.8	25.1	14.9	92	84	57	73	74	93	78.8	1.8
22..	37.48	37.56	38.65	36.80	37.04	37.62	37.52	16.2	16.8	17.6	16.9	16.4	16.9	16.8	18.4	15.4	93	89	91	86	87	78	87.3	5.1
23..	37.08	36.86	37.94	35.73	36.01	37.04	36.78	16.4	17.2	19.4	20.9	17.9	16.8	18.1	21.5	15.7	87	82	76	72	80	88	80.8	7.6
24..	36.37	36.30	36.96	35.08	35.65	36.63	36.16	15.5	15.3	19.4	22.1	17.4	16.5	17.7	23	14.6	95	89	73	63	89	95	84	1.5
25..	35.50	36.27	37.16	35.45	35.60	35.97	35.99	16.2	16.4	15.9	15.9	15.4	16.3	16	16.6	15	94	88	94	95	93	82	91	10.6
26..	35.25	35.82	36.85	35.66	35.95	36.37	35.98	15	15.9	19.5	18.9	16.6	15.5	16.9	21.4	14.5	96	94	75	78	95	97	89.2	.....
27..	35.88	36	36.84	35.06	35.74	36.72	36.04	15.3	16	21.9	20.4	17.9	16.5	18	22.3	15.1	97	85	66	85	97	100	88.3	.....
28..	36.39	36.87	38.16	36.58	36.81	37.70	37.08	16.4	16	19	20.9	17.1	15.9	17.6	23	15.4	97	97	89	83	95	97	93	3.1
29..	37.48	37.52	39	37.40	38	38.64	38.01	16.2	15.9	18	20.9	16.9	16.1	17.3	22	15.3	95	96	94	79	96	95	92.5	5.6
30..	37.98	37.62	38.75	36.84	37.16	37.97	37.72	16	16.2	19	22	17.4	16.4	17.8	23.2	15.2	92	87	88	76	98	99	90	6.6
Mean	36.17	36.48	37.49	35.94	36.23	37.02	36.55	16	15.9	21.1	20.7	17.4	16.4	17.9	23.1	15	88.2	84.9	67.3	76.3	88.3	89.5	82.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	E	SE	E	WSW	SE	SE	95.5	83.5	48.3	58.7	286	0	Ci.	Cu.	5	.....	Cu.
2..	N	SE	SW	W	SE	E	32.7	60.4	67.1	70	230.2	0	Ci.	Cu.	7	.....	Cu.-N. SSE
3..	E	ESE	E	SE	ESE	E	100.4	164.4	125.5	118.6	508.9	0	Ci.	Cu.-N.	0	Ci.	Cu.
4..	E	E	E	E	E	E	173.3	177.8	147.9	169.8	668.8	0	Ci.	Cu.	10	Ci.-S.	Cu.-N. ESE
5..	E	E	ESE	E	E	SE	130.7	122.1	93	149.7	495.5	7	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
6..	E	E	E	NE	E	E	141.4	150	147.1	196.5	635	2	Ci.-S.	Cu. E	8	Ci.-S.	Cu.-N. ENE
7..	E	E	E	E	E	E	257.2	214.8	221.9	272.1	966	6	Ci.	Cu.-N. ESE	8	A.-Cu.	Cu.-N. E
8..	E	E	E	E	E	E	155.1	179.6	114.9	123.1	572.7	9	Ci.-S.	Cu.-N. ESE	6	A.-Cu.	Cu.-N. ENE
9..	SE	SE	E	SW	SW	E	76.1	109.1	72.7	61.7	319.6	4	Ci.	Cu.-N. EbyN	6	A.-Cu.	Cu. ENE
10..	S	E	E	W	SE	SE	79.9	83.5	91.2	36.2	290.8	10	.....	N.	10	.....	Cu.-N.
11..	E	E	E	WSW	E	NE	78.4	81.3	57.9	51.5	269.1	0	Ci.	Cu.	10	.....	Cu.-N.
12..	E	SSE	NW	W	E	E	84.8	75.1	79.9	99.2	339	0	Ci.	Cu.	10	.....	N.
13..	E	E	S	SW	SE	E	108.3	61	65.5	83.9	318.7	0	Ci.	S.-Cu.	9	.....	Cu.-N. E
14..	E	N	S	SW	E	NE	92.7	51.2	77.5	47.2	268.6	0	Ci.	S.-Cu.	7	Ci.	Cu.-N. NE
15..	NE	NE	WSW	WSW	E	E	60.4	39.2	50.9	72.1	222.6	0	Ci.	Cu.	10	.....	Cu.-N.
16..	NE	E	ESE	SW	E	E	70.2	98.2	84.5	162.6	415.5	0	Ci. SSE	Cu.	5	Ci.-S.	Cu.-N. ENE
17..	E	E	E	SW	E	E	112.3	78.9	58.9	123.1	373.2	0	Ci.	Cu.-N.	7	Ci.-S.	Cu. ESE
18..	E	E	ESE	SW	E	SE	118.5	79.4	58.1	53.1	309.1	10	.....	Cu.-N.	10	.....	Cu.-N.
19..	E	E	E	SW	E	SE	103.3	86.1	80.3	108.4	378.1	2	Ci.	S.-Cu. ESE	10	.....	S.
20..	SE	SE	E	SE	E	E	92.8	110.5	98.2	71.6	373.1	5	A.-Cu.SW	Cu.-N. ESE	6	Ci.-S. NW	Cu.-N. ENE
21..	E	SE	NE	E	E	SW	126.3	110.7	140.6	59.2	436.8	0	Ci.	Cu.	9	.....	Cu.-N. E
22..	N	W	E	E	E	E	19.6	48.8	124.9	135.2	328.5	10	.....	Cu.-N. ENE	10	.....	N.
23..	SE	ESE	E	ESE	E	E	45.9	91.4	78.7	134.1	350.1	10	.....	N.	8	Ci.-S.	Cu.-N. ENE
24..	E	E	E	E	E	NE	194.2	172	151.3	77.4	594.9	10	.....	N.	2	Ci.	Cu. E
25..	E	E	E	E	E	E	126	187	269.3	302.8	885.1	10	.....	N.	10	.....	N.
26..	E	E	E	ESE	E	E	319	204.7	120.1	205.7	849.5	6	Ci.-Cu.	Cu.-N.	10	.....	N.
27..	E	E	ESE	SW	SW	E	114.9	75	43.5	51.8	285.2	0	Ci.	S.-Cu.	10	.....	Cu.-N.
28..	W	NE	SW	WSW	E	E	34.8	51.2	72.2	84.3	242.5	2	Ci.	Cu.-N.	10	.....	N.
29..	E	N	WSW	E	E	E	46.2	43.1	35.7	91.5	216.5	7	.....	S.-Cu.	9	.....	Cu.-N.
30..	S	NW	W	S	W	W	61.8	60.7	62	22.8	207.3	0	Ci.	Cu.	8	.....	Cu.-N. NE
Mean	.....	.....	.....	.....	.....	.....	108.4	105	98	109.8	421.2	3.7	.....	.....	8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,636.9	.....	.....	.....	.....	.....	.....

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

DECEMBER, 1917.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	37.09	37.20	38.34	36.84	36.73	37.77	37.24	16.3	15.3	21.4	20.2	16.5	16.1	17.6	23.3	14.9	94	96	77	84	94	93	89.7	4.8
2..	37.21	37.35	37.99	36.43	37.14	37.94	37.34	16.1	16.3	20.1	21.4	17.4	16.2	17.9	23	15.5	95	90	84	81	94	96	90	6.9
3..	37.54	37.44	38.29	37.13	37.38	38.28	37.68	15.3	14.9	20.9	18.7	16.9	15.3	17	22.4	14.4	99	94	76	82	97	98	91	10.4
4..	37.98	38.18	39.10	37.59	37.88	38.53	38.21	15.2	15	22.3	19.4	17.2	15.7	17.5	24.3	13.9	89	82	62	89	91	94	84.5	.....
5..	37.67	37.96	38.66	36.89	37.02	37.66	37.64	15.4	15.2	20.9	18.2	17.2	15.3	17	22.2	14.4	86	95	76	97	96	99	91.5	7.1
6..	36.90	36.84	37.44	35.50	35.74	36.50	36.49	15	15.7	20.4	18.4	17.9	16.5	17.3	21.9	14.2	97	85	84	99	94	99	93	.8
7..	35.56	35.47	36.11	34.05	34.40	35	35.10	15.7	15.2	19.8	18.7	15.5	14.5	16.6	22.3	13.9	99	99	77	91	93	91	91.7	.3
8..	34.29	34.33	35.29	33.96	34.27	35.14	34.55	13.5	12.5	21.9	20.5	16.2	14.7	16.6	22.8	12.4	93	95	62	60	80	90	80	.....
9..	34.29	34.71	36.16	34.95	35.78	36.60	35.42	15.2	14.9	22.8	17.5	16.1	16.1	17.1	23.1	14.6	86	88	64	94	95	96	87.2	5.8
10..	35.66	35.59	36.40	34.85	35.13	35.97	35.60	16.1	15.8	20.7	21.4	17.9	16.4	18	24.3	15.1	90	86	74	72	91	92	84.2	.....
11..	34.91	35.05	36.10	34.49	34.93	35.90	35.23	16.1	16	23.5	18	16	15.9	17.6	23.5	15.3	88	87	64	98	89	88	85.7	52.6
12..	35.14	35.36	36.89	35.56	35.92	36.27	35.86	16	15.9	20.5	19.6	17.7	16.3	17.7	24.5	15.3	88	83	72	89	95	98	87.5	2.5
13..	35.90	35.99	37.21	35.98	36.09	37.25	36.40	15.8	15.2	23.2	18	17.1	16.3	17.6	23.5	14.9	95	91	65	98	97	97	90.5	.5
14..	36.40	36.47	37.72	36.11	36.37	37.23	36.72	15.6	15.9	21.2	22.4	17	15.7	18	23.3	15.3	98	99	79	77	91	97	90.2	10.7
15..	36.68	36.64	37.54	35.78	36.12	36.66	36.57	15.7	16	20.4	18.5	17.1	15.4	17.2	22.9	14.9	95	88	81	94	91	96	90.8	.....
16..	36.11	35.75	36.70	35.16	35.42	36.16	35.88	14.9	15.4	20.9	18.7	16.9	15.5	17	22.4	14.5	91	85	69	96	92	97	88.3	28.4
17..	35.79	35.91	36.99	35.50	36.06	37.16	36.24	15.3	14.8	20.4	18.9	17	16.8	17.2	22.5	14.4	93	96	81	90	91	89	90	.....
18..	36.64	36.54	37.59	36.14	36.66	37.37	36.82	16.1	15.9	21.6	19.9	17.5	15.8	17.8	24.5	14.3	90	88	61	89	89	90	84.5	.....
19..	36.98	37.20	38.07	36.69	36.94	37.23	37.18	15.2	14.9	21.6	21.5	16.6	15.5	17.6	23.8	13.8	88	86	61	64	84	88	78.5	.....
20..	36.32	36.31	37.66	35.86	36.20	36.65	36.50	15.8	15.7	20.1	17.9	16.4	16	17	21.7	14.7	85	89	75	84	85	87	84.2	.....
21..	36.34	36.59	37.38	35.59	36.06	36.92	36.48	15.6	15.5	22.9	21.7	17.6	16.1	18.2	23.5	14.1	86	86	58	71	82	93	79.3	.....
22..	36.27	36.54	37.98	35.98	36.20	36.90	36.64	15.7	15.9	18.1	18.8	16.6	15.6	16.8	21.3	14.4	94	94	85	90	97	97	92.8	4.3
23..	36	36.14	37.10	35.54	36.06	37.16	36.33	15.7	15.2	21.2	19.1	17.1	16.1	17.4	21.8	14.4	92	91	78	97	98	100	92.7	11.2
24..	36.46	36.06	36.98	34.89	35	35.82	35.87	16	15.9	18	19.4	16.9	15.5	17	23.3	14.2	97	96	85	90	93	88	91.5	.....
25..	35.35	35.08	36.23	34.31	34.27	34.95	35.03	15	14.4	21.1	19.1	16	14	16.6	22.5	13.3	87	88	66	87	95	91	85.7	.....
26..	34.54	34.67	36.16	34.54	34.62	34.90	34.90	13.5	13.7	20.4	20.9	15.7	13.5	16.3	22.4	12	84	81	55	72	90	93	79.2	.....
27..	34.49	34.77	35.93	34.70	34.69	35.82	35.07	12.3	12	18.9	21.6	13.6	11.5	15	21.9	10.7	93	88	54	52	80	91	76.3	.....
28..	35.16	34.99	36.02	34.88	34.87	35.92	35.31	11.2	12.3	15.4	17.4	13.9	13.1	13.9	20.4	10.4	87	79	70	84	84	85	81.5	.....
29..	35.58	35.63	36.42	35.29	35.12	36.10	35.69	13.7	13.6	18.4	15.3	14.5	13.5	14.8	20.4	12.8	81	82	68	93	88	88	83.3	.....
30..	35.29	35.57	36.51	35.43	35.28	36.36	35.74	13.5	12.7	19	16	13.8	12.3	14.6	22	10.7	87	92	76	96	84	86	86.8	.....
31..	35.83	36.10	37.27	35.72	35.72	36.72	36.23	11.5	12.5	16.4	19.5	14.4	12.8	14.5	21.4	10.6	86	80	66	61	83	86	77	.....
Mean	36.01	36.08	37.10	35.54	35.81	36.61	36.19	15	14.8	20.5	19.2	16.4	15.2	16.9	22.7	13.8	90.7	89	71.1	84.5	90.4	92.7	86.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	146.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	W	W	SW	SW	WNW	N	22.2	63	93.9	36.5	215.6	0	Ci.	Cu.	10	.....	N.
2..	E	E	SW	W	NE	E	58.1	54.1	72.9	37	222.1	0	Ci.	Cu.	8	.....	Cu.-N. SE
3..	N	NE	SW	W	E	E	63.3	67.6	59.5	107.3	297.7	0	Ci.	Cu.-N.	10	.....	N.
4..	E	E	NW	SW	SE	E	67.6	38.9	49.7	72.1	228.3	0	Ci.	Cu.	9	.....	Cu.-N. ESE
5..	E	NE	SW	SW	SE	E	85.3	58.1	55.5	50.5	249.4	0	Ci.	S.-Cu.	10	.....	Cu.-N.
6..	NW	SE	WSW	W	S	SW	30.6	39.7	60.2	24.3	154.8	0	Ci.	Cu.	10	.....	N.
7..	SW	NE	E	SW	E	SE	27.6	54.5	65.8	112.7	260.6	7	.....	S.-Cu.	10	.....	Cu.-N.
8..	E	E	NE	SE	SE	SE	115.4	82.3	94.4	140.6	432.7	0	Ci.	S.-Cu.	6	Ci.-S.	Cu.-N. ESE
9..	SE	E	SW	S	E	E	88.7	73.2	58.5	60.9	281.3	0	Ci.	S.-Cu.	10	.....	N
10..	E	E	ESE	NE	SE	E	62.5	70.3	41.8	102.2	276.8	0	A.-cu. ENE	S.-Cu.	9	.....	Cu.-N. ESE
11..	E	E	SW	W	NE	E	88.5	71.4	82.6	43.7	286.2	1	Ci.	S.-Cu.	10	.....	N.
12..	E	E	ESE	W	E	E	45.9	87.7	42.4	95.2	271.2	2	A.-Cu.	Cu.-N.	9	.....	Cu.-N. ESE
13..	E	E	WSW	SW	E	S	124.1	76.7	42.8	64.6	308.2	0	Ci.	Cu.-N.	10	.....	Cu.-N.
14..	E	N	SW	W	W	W	76.1	75.9	74.8	34.1	260.9	10	.....	Cu.-N.	9	.....	Cu.-N. E
15..	SW	E	SW	WSW	E	E	39.1	47.8	57.3	114.3	258.5	0	Ci.	S.-Cu.	10	.....	Cu.-N.
16..	E	E	SSE	W	SE	E	86.3	68.9	73.4	58.2	286.8	0	Ci.	S.-Cu.	10	.....	Cu.-N.
17..	NE	NE	SW	SW	ESE	E	67.9	64.2	55.5	61.2	248.8	0	Ci.	S.-Cu.	10	.....	cu.-N. WNW
18..	NE	E	E	SW	E	E	62.8	88.2	49.3	100 4	300.7	0	Ci.	Cu.	8	.....	Cu.-N. ESE
19..	E	E	ESE	WSW	E	E	104.8	85.6	67.3	105.9	363.6	0	Ci.	Cu.-N.	3	Ci.	Cu. E
20..	E	E	ESE	E	E	E	180.8	126.9	115.9	125.8	549.4	10	.....	N.	10	.....	Cu.-N. E
21..	E	E	E	E	SE	E	109.4	43.1	67.8	69.4	289.7	0	Ci.	Cu.-N.	10	.....	Cu.-N. E
22..	NE	N	S	W	NE	E	38.6	33.8	56.6	95.6	224.6	2	A.-cu. ESE	Cu.-N.	10	.....	N.
23..	E	NE	SW	SW	SW	NE	84	66	67	40.7	257.7	0	Ci.	S.-Cu.	10	.....	N.
24..	NW	E	ESE	W	E	E	56.1	68.2	57.4	123.7	305.4	8	Ci.-S.	Cu.-N.	10	.....	Cu.-N. ENE
25..	E	ESE	ESE	WSW	SE	E	95	59	56.9	98.4	309.3	0	.....	Cu.-N.	10	.....	Cu.-N.
26..	E	E	E	WSW	E	E	107.6	80.8	83.2	120.5	392.1	0	Ci.	Cu.	6	Ci.	Cu.-N. NE
27..	SE	E	E	NE	ESE	E	128.5	95.8	94.6	152.9	471.8	0	Ci.	S.-Cu.	0	Ci.	Cu. ESE
28..	E	SE	E	SW	E	E	124.1	99.5	48.8	106.2	378.6	9	.....	Cu.-N.	10	.....	Cu.-N. E
29..	E	NW	SW	SE	ESE	E	81.6	53.1	68.1	108.6	311.4	9	Ci.	S.-Cu.	10	.....	N.
30..	E	E	SW	W	E	E	79.2	71	89.1	175.6	414.9	3	Ci.	S.-Cu.	10	.....	S.
31..	E	E	E	SW	E	E	134.7	122.5	62.8	134.6	454.6	10	.....	S.-Cu.ssw	10	.....	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	81.8	70.6	66.6	89.5	308.5	2.3	.....	.....	8.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,563.7	....	.....	.....	....	.....	.....

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

JANUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.87	58.09	59.10	56.84	57.96	58.91	58.13	24.1	23.8	30	30.5	27.9	26.3	27.1	31.2	22.2	83	84	62	60	74	80	73.8	.....
2..	58.35	58.88	60.19	58.05	58.46	59.76	58.95	26.1	25	29.5	28.8	26	24.4	26.6	31.2	23	82	80	67	71	82	82	77.3	.....
3..	59.18	59.64	60.95	58.31	58.89	60.31	59.55	23.3	22.9	27.3	28.5	28.5	27	26.2	29.4	21.3	82	83	64	62	49	57	66.2	.....
4..	60.21	61.13	62.43	60.11	61.25	62.76	61.32	25.7	24.5	29.7	32.3	27.5	26	27.6	32.8	22.1	59	65	50	40	48	50	52	.....
5..	62.68	62.83	63.68	61.28	62.05	63.64	62.69	25.6	25.6	29.3	31.9	27.4	25.5	27.6	32.6	24.1	51	50	40	39	48	54	47	.....
6..	63.08	63.47	64.23	61.75	62.39	63.05	63	25.2	23.9	29	29.1	26.3	23.9	26.2	32.4	22	52	58	43	50	69	64	56	.....
7..	62.52	62.94	63.73	61.98	62.71	63.64	62.92	23.1	22.4	29.1	29.4	25.6	24.7	25.7	30.3	20.8	65	68	51	52	75	79	65	.....
8..	63.20	63.57	64.51	62.30	63.16	64.67	63.57	23.1	22.5	27	27.4	24.5	22.3	24.5	28.2	20.6	80	84	63	61	68	68	70.7	.....
9..	64.08	64.51	65.27	62.97	63.54	65.17	64.26	21.6	20.8	28	31.6	28	24	25.7	32.2	18.8	71	73	48	37	47	61	56.2	.....
10..	64.89	65.05	65.69	63.17	64	65.37	64.70	22.6	21.2	27.7	30	26.5	25	25.5	30.9	19.5	66	72	52	38	45	48	53.5	.....
11..	64.72	64.64	65.52	62.20	62.84	64.07	64	24.2	23.7	26.1	29	24.8	24.1	25.3	30	22.1	49	52	44	37	48	49	46.5	.....
12..	62.77	62.59	62.95	60.73	61.20	62.05	62.05	24.1	24.3	29	30.5	28.5	26.7	27.2	32.9	22.9	48	51	44	50	64	54	51.8	.....
13..	61.78	61.89	62.35	59.53	60.43	61.32	61.22	25.3	24	28.3	29.7	29.3	28	27.4	31.7	22.6	74	78	64	62	67	56	66.8	.....
14..	60.14	60.51	61.52	59.85	60.62	61.41	60.68	26.5	24.8	31	29.6	27.9	24.2	27.3	32.3	23	64	81	58	64	68	75	68.3	.....
15..	60.75	61.05	61.59	59.01	59.16	60.03	60.26	23	22.3	27.5	28.1	25.5	25.3	25.3	28.6	20.8	84	87	66	63	72	58	71.7	.....
16..	59.55	60.17	61.40	58.89	59.79	60.59	60.06	25.8	25.3	29.4	29.3	27.7	24.2	27	32.1	22.5	51	53	45	55	72	72	58	.....
17..	59.97	60.38	61.46	59	60.03	61.27	60.35	22.7	22.8	28.5	29.2	25.3	23.3	25.3	30.6	21.1	73	70	60	57	75	80	69.2	.....
18..	60.75	60.97	61.05	57.54	58.02	60.05	59.73	22	21.5	26	28.2	26.2	25.3	24.9	28.8	19.7	78	74	62	60	71	62	67.8	.....
19..	59.30	59.67	60.10	57.39	58.45	59.40	59.05	25.2	23	27.8	29.2	26.8	25.3	26.2	29.7	20.2	60	74	57	57	74	70	65.3	.....
20..	59.03	59.08	59.33	56.42	57.14	58.39	58.23	24.2	22.6	28.8	30.5	28	26.8	26.8	31.8	20.8	74	84	56	59	74	61	68	.....
21..	58.20	58.40	59.45	56.98	57.90	59.03	58.33	25.2	24.8	29.3	30	27	25.9	27	31	22	68	68	56	59	74	52	62.8	.....
22..	58.81	58.76	58.99	56.88	58.05	58.82	58.38	25.3	24.6	30	30.5	27.2	26.5	27.4	31	22.5	56	59	44	50	67	58	55.7	.....
23..	58.95	59.22	60.18	58.03	58.40	59.11	58.98	25.2	23.8	29.3	29.5	26.2	23.8	26.3	30.6	22.3	63	73	66	61	73	82	69.7	.....
24..	58.54	58.99	59.99	57.74	58.48	59.24	58.83	22.3	21.8	29.8	29.8	28.2	26.4	26.4	33.1	20	80	79	50	58	51	50	61.3	.....
25..	58.93	59.07	60.26	58.55	59.42	60.20	59.40	25.3	24.8	28.8	29.5	26.7	24.4	26.6	30.3	22.3	53	52	48	52	64	74	57.2	.....
26..	59.99	60.47	60.69	58.56	59.28	59.85	59.81	23.2	23	28.5	28.9	25.6	24.3	25.6	29.6	21.7	73	70	57	66	79	81	71	.....
27..	58.83	59.97	60.83	58.53	59.12	59.68	59.49	23	22.7	27.1	28.8	26.9	25.4	25.6	31.1	20.8	81	81	64	67	77	80	75	.....
28..	59.20	59.80	60.66	58.47	58.95	59.97	59.51	24.2	23.4	28.2	27.6	25	22.3	25.1	28.8	21.1	78	84	56	59	72	78	71.2	.....
29..	59.42	59.55	60.63	58.16	59.01	60.10	59.48	21.9	20.6	27.5	28.4	25.5	23.9	24.6	29.5	19.2	76	82	56	58	69	66	67.8	.....
30..	59.19	59.76	60.93	58.46	59.30	60.17	59.64	23.8	23.7	28.6	28.8	25.6	24.2	25.8	31.6	21.6	58	58	49	50	66	64	57.5	.....
31..	59.47	59.94	61.21	58.65	59.03	59.71	59.67	24.1	22.7	27.6	26.7	23.5	20.8	24.2	29.2	19.4	65	73	59	61	67	75	66.7	.....
Mean	60.46	60.81	61.64	59.24	59.97	61.02	60.25	24.1	23.3	28.5	29.4	26.6	24.8	26.1	30.8	21.4	67.6	71	54.9	55.3	66.1	65.8	63.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SSW?	Calm	NW?	WNW	Calm	Calm	25.9	41.3	60.7	21.7	149.6	2	Ci.	S.-Cu.	4	Ci.	Cu.
2..	Calm	ESE	NNW	N	N	NbyW	38.9	54.2	163.6	99.6	356.3	1	Ci.	Cu.	4	Ci.-S. NNW	Fr.-Cu. NNW
3..	NNW	NNW	NbyW	NbyW	ENE	NE	80	102.4	156.7	126.3	465.4	2	Ci.	S.-Cu.	2	A.-Cu. ENE	Fr.-Cu. ENE
4..	N	N	NNE	E	NEbyE	ENE	81	78.1	122	123.3	404.4	1	Ci.	S.-Cu.	2	Ci.-S. E	S.-Cu.
5..	NEbyE	NEbyE	ENE	ENE	ENE	ENE	108.1	127.7	122.6	109.4	467.8	4	Ci.	S.-Cu.	2	Ci.	Fr.-Cu.
6..	ENE	Calm	ESE	NW	Calm	NW	112.1	73.8	62.5	34.8	283.2	2	Ci.	S.-Cu.	4	Ci. SW	Fr.-Cu.
7..	ESE	ESE	Calm	WNW	NW	NW	53.7	57.3	68.7	30.8	210.5	1	.....	S.-Cu.	1	Ci.	Cu.
8..	NW	NbyE	NNW	N	NNE	NNW	75.3	155.1	192.6	73	496	9	A.-Cu. N	S.-Cu. N	2	Ci.	Fr.-Cu.
9..	Calm	N	NNW	EbyN	NEbyE	ENE	39.7	64.2	98	66.2	268.1	1	.....	S.-Cu.	5	Ci. SbyE	S.-Cu.
10..	N	N	NbyE	NNE	NE	NNE	82.7	107.5	149.2	148.4	487.8	1	Ci.	S.-Cu.	1	Ci.-S.	Cu.
11..	NNE	NE	NbyW	ENE	ENE	ENE	145.6	149.5	223.1	191.3	709.5	4	A.-Cu. S	S.-Cu.	3	Ci.-S. S	Fr.-Cu.
12..	ENE	NE	E	WNW	Calm	ENE	100.9	100.9	56.3	35.1	293.2	8	.....	S.-Cu. S	1	Ci.	Fr.-Cu.
13..	Calm	Calm	NW	NNW	Calm	NE	13.5	43	76.9	46.5	179.9	9	Ci.-S. S	S.-Cu. SSW	7	A.-Cu. SE	Fr.-Cu.
14..	Calm	Calm	Calm	NW	Calm	ESE	18.5	36.8	73.7	46.1	175.1	4	A.-Cu.	S.-Cu.	3	Ci.-S. NW	Fr.-Cu. NW
15..	Calm	NNE	NbyW	NNE	NbyW	NEbyN	39.4	141.8	193.1	74.5	448.8	3	Ci. W	S.-Cu.	2	Ci. ENE	Fr.-Cu. ENE
16..	NE	NE	E	NW	Calm	SE	87.5	88.7	90.3	33.6	300.1	1	.....	S.-Cu.	0	.....	Cu.
17..	Calm	ESE	NNW	NW	NbyE	NbyE	40.4	49.6	124.4	150.8	365.2	0	Ci.	.....	1	.....	Cu. NW
18..	N	N	NbyE	NNW	NNW	NbyW	134.2	138.2	152.7	62	487.1	1	Ci.	Cu.	7	Ci. E	Fr.-Cu.
19..	NE	Calm	NW	NW	Calm	Calm	63.8	47	89	21.7	221.5	3	Ci.	S.-Cu.	2	Ci.	Cu. NW
20..	Calm	Calm	NWbyN	NW	SSW	SW	14.5	44.9	101.9	68.6	229.9	4	A.-Cu. W	Cu.	1	Ci. WSW	Fr.-Cu.
21..	Calm	Calm	NNW	NNW	Calm	E	24.1	38.9	101.9	90.4	255.3	4	A.-Cu. W	S.-Cu. WSW	8	A.-Cu. W	Cu.
22..	ENE	ENE	ENE	NW	Calm	ENE	39.9	76.9	56.9	42.1	215.8	2	Ci.-S. ENE	S.-Cu. ENE	1	Ci.	Cu. NW
23..	ENE	ENE	N	NW	NNW	NNW	45.4	45.3	126.8	61.5	279	4	A.-Cu. W	S.-Cu. WbyS	4	Ci. WSW	Cu.
24..	NNW	NNW	ENE	NNW	ENE	ENE	49.1	82.6	81.6	130.4	343.7	1	Ci.	S.-Cu.	1	Ci.	Cu.
25..	ENE	E	WNW	NW	Calm	Calm	91.4	78.1	69.2	19.6	258.3	1	Ci.	S.-Cu.	5	Ci. W	Fr.-Cu. NW
26..	NE	ESE	NbyW	WNW	NWbyN	WSW	49.6	71	99.2	24.7	244.5	2	Ci.	S.-Cu.	1	Ci. NW	Fr.-Cu. NW
27..	Calm	S	SEbyE	WbyN	WNW	Calm	26.8	45.9	78.4	26.4	177.5	9	A.-Cu.	S.-Cu. SW	4	Ci.-S. W	Cu.-N. NW
28..	Calm	Calm	NNW	NNW	NNW	N	19.6	123.4	219.9	87.5	450.4	5	A.-Cu.SW	S.-Cu. SW	1	.....	Cu.
29..	Calm	N	NNW	NNW	N	Calm	51	94.8	153.5	16.4	315.7	2	A.-Cu.	S.-Cu. SW	2	Ci.	Cu. NW
30..	ENE	EbyN	Calm	WbyS	Calm	NW	59.7	40.7	77	30.9	208.3	3	Ci.	S.-Cu.	2	Ci. WSW	Cu. WNW
31..	Calm	ESE	WNW	NNW	N	N	32.8	70.2	228.5	107.2	438.7	4	A.-Cu.WSW	S.-Cu.WSW	2	Ci. NNW	Cu. NNW
Mean	.....	.....	.....	.....	.....	.....	59.5	79.7	118.4	71	328.6	3.2	.....	.....	2.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,186.6	.....	.....	.....	.....	.....	.....

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

FEBRUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.40	59.13	60.11	58.01	58.55	59.52	59.12	20.6	23.2	28	27.9	26.8	25.2	25.3	30.8	18.7	69	56	42	48	62	54	55.2	.....
2..	58.63	58.88	60.14	58.20	59.08	60.81	59.29	24	22.6	29.5	28.5	26.5	25.5	26.1	31.7	20.4	56	61	42	48	57	65	54.8	.....
3..	60.01	59.89	61.53	59.30	59.32	60.89	60.16	23.5	23.8	27.4	28.7	26.6	24.7	25.8	31.3	22.5	72	65	57	59	68	74	65.8	.....
4..	60.50	60.82	62.23	59.61	60.45	61.85	60.91	22.5	21.8	27.1	29.2	26.7	26.2	25.6	30.4	19.9	78	73	55	55	74	49	64	.....
5..	61.15	61.60	62.63	60.13	60.54	61.96	61.34	24.8	24.8	29.7	32.7	27	24.9	27.3	33.1	22.6	52	52	42	39	43	48	46	.....
6..	61.32	61.72	62.77	60.96	61.65	62.72	61.86	24.7	24.2	30	28.5	26.5	24.4	26.4	31.9	21.9	50	52	44	51	67	72	56	.....
7..	61.72	61.95	62.43	60.60	61.13	62.05	61.65	22.6	22.9	29	29.5	26.5	25	25.9	31	20.7	74	68	55	61	73	83	69	.....
8..	61.59	61.55	62.40	60.55	60.62	62.04	61.46	24.4	24.3	27.5	27.5	24.8	23.5	25.3	29.6	21.5	86	85	72	70	76	75	77.3	.....
9..	62.02	62.60	63.39	61.50	61.62	62.14	62.21	22.1	21.9	25.5	25.4	22.4	20	22.9	26.7	18.7	78	78	65	60	61	66	68	.....
10..	61.24	61.12	61.65	59.49	59.81	60.81	60.69	17.9	17.8	28.1	28	26.9	24.5	23.9	31.2	15.5	79	78	43	51	56	48	59.2	.....
11..	60.72	61.23	61.81	59.88	60.58	61.47	60.95	23.8	22.6	28.5	28.5	25.8	24.3	25.6	30.2	21.2	50	56	45	53	67	73	57.3	.....
12..	61.51	62.10	63.49	61.55	61.79	62.67	62.18	23.9	21.7	27.5	27.6	24.7	23	24.7	29.6	20.6	69	76	59	66	72	70	68.7	.....
13..	61.98	62.02	62.60	59.80	61.08	62.57	61.68	20.7	20.5	28.8	30.5	25.8	23.5	25	31.5	19	77	74	41	34	43	47	52.7	.....
14..	62.06	62	62.59	60.34	60.81	62.09	61.65	23.3	23	28	29.5	27.2	24.6	25.9	30.6	21.6	47	49	39	42	45	47	44.8	.....
15..	61.35	61.65	62.66	60.80	61.29	62.40	61.69	23.8	22.7	29.7	27.6	25.5	24.7	25.7	30.7	21.4	51	58	45	56	68	72	58.3	.....
16..	61.39	60.59	61.69	59.40	60.01	60.75	60.64	24	22.8	27	28	25.	23.2	25	29.2	20.7	76	70	59	63	76	73	69.5	.....
17..	60.15	60.22	61.75	58.39	58.40	58.98	59.65	22.6	22.5	25.4	28.2	25	23	24.4	29.4	20.6	74	74	70	59	69	74	70	.....
18..	57.89	58.13	59.62	56.78	57.27	58.20	57.98	22.4	22.9	29	29.3	26.8	25	25.9	30.9	20.5	77	74	58	66	75	86	72.7	2.8
19..	57.38	57.92	59.14	57.10	57.23	59.17	57.99	23.7	23	27.7	28.8	25.5	22.6	25.2	29.6	20.5	91	91	62	49	69	78	73.3	.....
20..	58.91	59.21	60.28	58.20	58.82	60.42	59.31	20.3	20	27.2	29.5	27	24.5	24.8	30.6	18.5	84	79	55	52	48	47	60.8	.....
21..	60.39	60.76	61.76	60.10	60.61	61.40	60.84	23.6	23	28.5	28.3	26	24.2	25.6	29.6	22	49	53	42	49	61	55	51.5	.....
22..	61.07	61.22	62.28	59.83	60.28	61.19	60.98	23.4	23	28.3	29.4	25.6	22.9	25.4	29.9	20.6	55	56	46	51	66	73	57.8	.....
23..	60.90	60.55	61.56	58.86	58.90	59.73	60.08	21.7	21.7	29.2	29.5	25.6	22.7	25.1	30.3	19.6	71	70	51	51	70	78	65.2	.....
24..	58.99	59.36	60.60	58.46	58.32	59.17	59.15	21.8	21.9	28.4	28.4	25.7	22.5	24.8	30	20.3	81	75	58	60	69	78	70.2	.....
25..	58.39	58.80	59.32	57.60	58.01	58.71	58.47	20.9	22	28.5	29	26.2	23.5	25	31.3	18.3	72	70	55	55	67	76	65.8	.....
26..	58.09	58.28	59	57.20	57.04	57.97	57.93	22.3	23.5	31.1	30	27	23.8	26.3	32.7	21	76	68	47	59	74	85	68.2	.....
27..	57.88	58.04	58.55	56.20	56.72	57.60	57.50	23.3	23.2	29.3	30	26.8	25.3	26.3	30.3	21.5	82	77	58	53	76	81	71.2	.....
28..	57.23	57.49	58.81	57.14	57.30	58.35	57.72	23.9	23.1	29.8	30	27.5	25	26.6	31.4	22	81	83	62	65	77	83	75.2	.....
Mean	60.14	60.32	61.31	59.14	59.54	60.63	60.18	22.7	22.5	28.3	28.9	26	24	25.4	30.6	20.4	69.9	68.6	52.5	54.5	65.3	68.2	63.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	ENE	E	NWbyW	Calm	NE	57.7	90.9	75.6	43.5	267.7	3	Ci.-S. E	S.-Cu. E	3	Ci.	Fr.-Cu.
2..	Calm	ENE	E	NW	Calm	NW	33.2	81.5	61.8	23.8	200.3	1	.....	S.-Cu.	9	Ci.-S. SW	Fr.-Cu. sw
3..	Calm	E	Calm	NW	NbyW	Calm	34	37.8	100.6	20.6	193	9	Ci.-S.	S.-Cu. sw	4	Ci.-S. SSW	Fr.-Cu.
4..	Calm	Calm	NW	NNW	Calm	NEbyN	16.1	56.5	93.5	79.7	245.8	5	A.-Cu.	S.-Cu.	5	Ci. SW	Fr.-Cu.
5..	ENE	NEbyE	ENE	ESE	ENE	E	92.7	81.6	122.9	180.5	477.7	3	Ci.	Fr.-Cu.sw	5	A.-Cu. SSW	Fr.-Cu.
6..	ENE	EbyN	NNW	NW	Calm	Calm	96.3	44.1	82.7	20.1	243.2	1	.....	S.-Cu.	1	.....	Fr.-Cu.
7..	Calm	ESE	SSE	SW	WNW	Calm	30.3	51.8	75.3	10.8	168.2	1	.....	S.-Cu.	2	Ci.-S.	Cu.
8..	Calm	Calm	NW	NbyW	NbyW	N	9.2	46.2	159	101.7	316.1	4	.....	Cu.	8	A.-Cu. W	Fr.-Cu.NW
9..	N	N	N	N	N	N	95	159.8	255	167.6	677.4	2	.....	Cu. NNW	3	.....	Fr.-Cu. N
10..	NNW	Calm	NE	NW	Calm	NW	33.3	100.3	67	84.2	284.8	1	.....	S.-Cu.	2	Ci.	Fr.-Cu.
11..	ESE	ESE	ESE	NW	NWbyW	Calm	95.3	70	84.3	18.7	268.3	2	Ci.	S.-Cu.	1	Ci.	Cu.
12..	NW	NNE	NbyW	NWbyN	NNW	NbyW	30.4	53.1	155	132.8	371.3	1	.....	Cu.	2	Ci.	Fr.-Cu.NW
13..	N	N	ENE	ENE	ENE	ENE	107.8	107.6	171.6	247.3	634.3	1	Ci.	S.-Cu.	1	Ci. ENE	Fr.-Cu.
14..	ENE	ENE	ENE	WNW	ENE	ENE	185	115.9	69.4	142.2	512.5	1	Ci.	.....	1	Ci.	Fr.-Cu.
15..	ESE	ESE	Calm	W	NW	Calm	85.9	53.1	69.8	9.4	218.2	2	Ci.	S.-Cu.	8	A.-Cu. SW	Fr.-Cu.
16..	ESE	ESE	NNW	NWbyN	NbyW	NNW	23.6	52.3	126	122.6	324.5	10	A.-S.	S.-Cu.ssw	9	A.-Cu. W	Fr.-Cu.
17..	NNW	NNW	NNW	NWbyN	NNW	Calm	76.4	92.8	137.4	48.9	355.5	10	A.-Cu. W	S.-Cu. W	5	A.-Cu. W	Cu.-N. NW
18..	E	ESE	SW	WSW	SW	Calm	43.1	70.5	62.5	18	194.1	0	Ci.	S.-Cu.	4	A.-Cu.WSW	Cu.-N.
19..	Calm	SE	NNW	NNW	N	N	23.8	76.6	180.7	82.1	363.2	3	.....	S.-Cu.	1	.....	Fr.-Cu.
20..	N	N	NNW	NNW	E	ENE	58.2	70.8	136.3	132.5	397.8	0	.....	S.-Cu.	1	Ci.-S.	Fr.-Cu.
21..	ENE	ENE	ENE	NW	Calm	ENE	118.8	92.8	70	56.8	338.4	1	Ci.-S.	S.-Cu.	1	Ci.	Cu.
22..	Calm	ENE	N	NW	NNW	NbyW	84.2	82.3	94.6	31.7	292.8	1	Ci.-S.	S.-Cu.	1	.....	Fr.-Cu.
23..	Calm	SEbyE	Calm	NWbyW	NW	Calm	38.3	42.4	94.8	27.4	202.9	0	.....	S.-Cu.	1	Ci.-S. W	Cu.
24..	ESE	ESE	Calm	NWbyN	NNW	Calm	47.8	52.3	103.8	25.5	229.4	0	.....	S.-Cu.	1	Ci.	Fr.-Cu.
25..	Calm	ESE	Calm	NW	NWbyN	Calm	40.5	48.1	80	28.5	197.1	0	.....	S.-Cu.	1	.....	Cu.
26..	Calm	ESE	ESE	NW	NNW	Calm	49.1	63.1	98.5	26.2	236.9	1	.....	S.-Cu.	1	.....	Cu. W
27..	Calm	ESE	NWbyW	NNW	NNW	NNW	29.5	73	106	43.1	251.6	1	Ci.	S.-Cu.	1	.....	Cu.
28..	Calm	ESE	SW	W	WNW	Calm	29.8	58.2	70	13.4	171.4	1	.....	Cu.	1	Ci.-S. SW	Cu.
Mean	.....	.....	.....	.....	.....	.....	59.5	72.3	107.3	69.3	308.4	2.3	.....	.....	3	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,634.4	....	.....	.....	....	.....	.....

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

MARCH, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.84	58.26	59.04	57.19	57.54	58.60	58.08	23.9	23.4	30.3	29.2	27.6	24.7	26.5	31.3	22.1	89	84	58	67	73	74	74.2	.....
2..	58.17	58	58.05	56.32	57.11	58.67	57.72	23.7	26.3	31.7	30.8	27.5	26.2	27.7	34.4	22	64	52	47	54	68	73	59.7	.....
3..	58.06	58.36	59.35	57.29	57.37	58.52	58.16	25.2	24.9	30.5	30.8	26.3	25.3	27.2	32.8	23.2	72	71	54	60	74	77	68	.....
4..	57.49	57.76	58.56	55.89	56.57	57.69	57.33	24.3	23.3	29.7	31	29.4	27	27.4	31.9	21.8	78	80	60	56	67	73	69	.....
5..	57.45	58.25	58.58	56.55	57.13	58.33	57.72	25.5	25.3	32.7	30.2	28	26.5	28	34.8	23.2	82	75	48	57	70	75	67.8	.....
6..	57.92	58.62	60.03	58.03	57.81	59.03	58.57	26.3	24.9	30.5	29.5	26.1	24.5	27	31.4	23.3	68	72	62	65	79	75	70.2	.....
7..	58.28	58.74	59.60	57.41	57.04	57.91	58.16	23.1	22.5	30.5	32.2	28.5	27.2	27.3	32.6	21.4	83	86	55	50	73	66	68.8	.....
8..	57.93	58.42	58.61	56.71	57.05	57.91	57.77	25.2	24.8	29.2	29.3	27	25.5	26.8	31.1	23.3	81	81	66	69	76	78	75.2	.....
9..	57.90	58.27	58.83	57.09	57.63	58.88	58.10	25.1	25	30.3	30.5	27.5	25.7	27.4	31.6	23.5	80	80	63	63	72	77	72.5	.....
10..	58.09	58.88	59.94	57.19	56.82	57.80	58.12	24.4	23.2	29.8	31.2	29.3	27.6	27.6	32.7	22	78	83	63	58	66	69	69.5	.....
11..	57.91	58.77	58.99	57.40	57.68	58.36	58.18	27.6	25.6	31.2	30.5	28	26.5	28.2	32.1	23.7	61	66	58	64	76	80	67.5	.....
12..	57.50	58.47	58.80	56.87	57.25	57.87	57.79	25.3	25	30.2	30.1	27.1	25.9	27.3	31.7	23.8	85	76	50	64	73	75	70.5	.....
13..	57.98	58.19	59.25	57.68	58.35	59.20	58.44	24.5	24.3	30	30.5	28	26.1	27.2	31.7	23	77	78	62	65	70	79	71.8	.....
14..	59	59.43	60.28	58.50	58.96	60.45	59.44	25.2	24.5	30	30.7	27.3	26.7	27.4	31.7	23.2	80	81	65	62	76	77	73.5	.....
15..	59.70	60.44	61.25	58.74	58.97	60.82	59.99	24.8	23.9	30.9	31.1	29	27.1	27.8	31.6	22.9	89	85	56	56	68	59	68.8	.....
16..	60.66	60.79	60.59	58.64	58.88	59.99	59.92	24.2	23.6	32.5	30.5	28	27.3	27.7	33.4	22.6	71	74	44	53	70	64	62.7	.....
17..	59.35	60.06	60.53	58.38	58.76	59.67	59.46	24.8	24.5	29.4	29.7	25.8	25.6	26.6	31.5	22.8	71	75	62	63	78	72	70.2	1
18..	59.07	59.91	61.02	58.97	59.39	59.99	59.72	25.3	23.3	29.6	30	28.4	25.2	27	31.1	22.2	68	76	64	68	70	78	70.7	.....
19..	59.52	59.71	60.45	58.68	58.85	59.57	59.46	24.1	23.8	29.5	30	27	26.2	26.8	31.4	22.7	79	80	64	63	73	75	72.3	.....
20..	58.96	59.67	60.77	58.85	58.90	59.83	59.50	25.5	24	30.5	31	29	27.6	27.9	32.8	23	74	79	59	62	68	64	67.7	.....
21..	59.35	59.75	61.08	59.23	59.53	60.89	59.97	25.8	24.8	30	30.3	28.3	26.3	27.6	31.6	23.3	72	70	62	57	68	70	66.5	.....
22..	60.36	61.16	62.27	60.18	59.20	60.69	60.64	25.4	24.5	29.8	30.4	29.5	27	27.8	31.7	23	70	69	63	60	68	63	65.5	.....
23..	59.52	59.95	61.09	59.32	58.84	59.77	59.75	25.9	24.5	29.8	30.5	29.5	27.8	28	31.8	23.1	63	68	57	54	58	55	59.2	.....
24..	59.05	59.57	60.40	58.53	59.30	60.56	59.57	26.8	25.6	30.5	30.6	28.5	26.5	28.1	31.6	24.3	60	61	53	59	64	66	60.5	.....
25..	59.68	60.05	60.33	58.55	58.74	59.98	59.56	25.1	23.2	31	31.2	28.5	27.2	27.7	32.6	22	70	74	52	50	65	57	61.3	.....
26..	59.34	59.46	59.95	58.59	58.96	60.51	59.47	26.2	25.9	30	29.4	27.2	24.8	27.2	33.5	22.1	58	59	56	54	66	80	62.2	15.7
27..	60.15	60.04	60.78	59.84	59.48	61.02	60.22	23.5	23.6	28.1	28.5	27.8	24	25.9	30.2	21.7	81	78	67	70	67	87	75	.....
28..	60.19	60.80	61.73	60.13	60.74	61.99	60.93	22.7	22.2	29.6	30	28	26.6	26.5	31.6	20.7	74	76	58	59	71	62	66.7	.....
29..	61.39	61.99	62.84	59.94	59.82	61.54	61.25	24.2	22.5	27.8	30	28.5	26.6	26.6	30.6	21.3	77	78	65	62	60	57	66.5	.....
30..	60.87	61.07	61.70	59.40	59.30	60.70	60.51	23.3	22.1	28	28	25.5	24.4	25.2	30.2	21	74	77	60	68	74	71	70.7	.....
31..	60.10	60.40	61.30	58.95	58.75	60.20	59.95	22.5	22.4	28.1	29.5	27	27.3	26.1	30.6	20.5	75	75	60	59	72	58	66.5	.....
Mean	58.99	59.46	60.19	58.23	58.41	59.58	59.14	24.8	24.1	30.1	30.2	27.8	26.2	27.2	31.9	22.5	74.3	74.8	58.5	60.4	70.1	70.5	68.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	SW	NW	NNW	N	15	59.2	94.8	61.7	230.7	3	Ci.	Cu.	4	Ci.-S. W	Fr.-Cu. WNW
2..	ENE	ENE	ENE	WSW	Calm	Calm	117.3	108.4	64.9	16.4	307	2	.....	S.-Cu.	1	.....	Fr.-Cu.
3..	ESE	ESE	SSW	WNW	NbyW	NbyW	45.7	48.3	125.8	83.1	302.9	1	.....	S.-Cu.	1	.....	Cu.
4..	Calm	NbyW	WNW	WNW	Calm	Calm	17.4	42.4	81	24.9	165.7	1	.....	S.-Cu.	1	.....	Fr.-Cu.
5..	Calm	ESE	N	NNW	SW	SW	18.3	63.4	89.5	32.4	203.6	1	.....	S.-Cu.	1	Ci.	Fr.-Cu.
6..	N	Calm	SW	NNW	NNW	NbyW	26.9	61.8	151.8	115.1	355.6	2	Ci.	Cu.	2	.....	Fr.Cu. NW
7..	NbyW	NbyW	NNW	NNW	SWbyW	SW	104	72.9	85	40.8	302.7	0	.....	S.-Cu.	1	.....	Fr.-Cu. NNW
8..	SW	Calm	NW	WNW	NWbyN	NbyW	30	58.9	120.2	38.4	247.5	1	.....	S.-Cu.	5	Ci.-S. WNW	Cu.-N. WNW
9..	Calm	Calm	WNW	NWbyW	NNW	N	11.9	46.2	118.8	97.2	274.1	2	.....	S.-Cu.	3	Ci.	Fr.-Cu.
10..	N	NbyE	NW	WNW	NNW	Calm	40.4	39.4	72.7	24.6	177.1	2	Ci.	S.-Cu.	2	.....	Fr.-Cu.
11..	NW	SE	NW	NW	NW	Calm	43.1	52	96.4	20.9	212.4	2	Ci.	S.-Cu.	2	Ci.	Fr.-Cu.
12..	NbyE	SE	NW	WNW	NW	Calm	32.8	66.2	112.1	27.1	238.2	3	Ci. ESE	S.-Cu.	3	Ci.-S. NW	Fr.-Cu. NW
13..	Calm	SSW	SSW	WbyS	NNW	NNW	17.7	75.6	83.1	58.4	234.8	1	Ci.	S.-Cu.	3	Ci. N	Fr.-Cu. SW
14..	Calm	Calm	W	NW	NNW	NNW	17.4	49.9	101.4	60	228.7	2	Ci.	S.-Cu.	3	Ci. WNW	Cu.
15..	Calm	Calm	NbyW	NbyW	NbyW	N	27.1	72.4	186.3	76.2	362	4	Ci. W	S.-Cu.	3	Ci.	Fr.-Cu.
16..	N	N	EbyN	NNW	Calm	Calm	74.5	101.7	124.7	55.7	356.6	1	Ci.	S.-Cu.	5	.....	Fr.-Cu. E
17..	Calm	Calm	NW	NW	SSW	EbyS	20.4	63.8	84.2	51.2	219.6	2	.....	S.-Cu.	5	Ci.	Cu.-N. NE
18..	ESE	ESE	NNW	NW	NWbyN	N	41	69.5	106.2	29.2	245.9	2	Ci.	S.-Cu.	5	Ci.-S. NNW	Fr.-Cu. NW
19..	ESE	ESE	NNW	NNW	NNW	Calm	36.8	53.6	132.8	45.6	268.8	0	.....	Cu.	3	.....	Fr.-Cu.NWbyN
20..	Calm	NNE	SW	WNW	NNW	NE	25.4	56.5	86.7	31.7	200.3	1	.....	Cu.	2	Ci.-S. W	Fr.-Cu. WNW
21..	Calm	ESE	NW	NW	NNW	Calm	32.2	81.3	97.2	34.3	245	1	Ci.	Cu.	2	Ci.	Fr.-Cu. N
22..	Calm	ENE	WNW	NNW	NNW	NNE	24.9	62.6	124.7	50.9	263.1	1	Ci.	Cu.	2	Ci.-S.	Fr.-Cu.
23..	NNE	ESE	WNW	NW	E	NE	37.8	58.4	100	93.6	289.8	1	.....	S.-Cu.	5	Ci.-S. E	Cu.-N
24..	NE	Calm	NW	NW	WNW	Calm	37.2	46.4	78.1	30.6	192.3	9	A.-Cu. SW	S.-Cu. SW	5	A.-Cu. E	Cu.
25..	NNW	Calm	NNW	NNW	SW	ENE	41.6	68.6	98.4	107.5	316.1	2	Ci.	S.-Cu.	4	Ci.-S. ENE	Cu.-N. ENE
26..	ENE	ENE	E	WSW	WNW	SE	76.2	84.2	56.5	44.8	261.7	6	Ci.-S. S	S.-Cu.	10	A.-S.	Cu.-N. W
27..	ESE	ESE	SSW	W	Calm	NbyW	44.5	53.3	93.5	29.2	220.5	8	A.-Cu WbyS	S.-Cu. SW	9	A.-Cu.WSW	Cu.-N. WSW
28..	Calm	N	NW	NW	NNW	NNE	32.7	48.6	105.1	40.2	226.6	1	Ci.	Cu.	2	Ci.	Cu.
29..	NNW	NNW	NNW	NbyW	NE	NNE	52	137.9	154.3	31.8	426	3	Ci. WSW	S.-Cu.	2	Ci.	Cu. NbyW
30..	NNW	NNW	NNW	NNW	NNW	N	55.2	114.3	180.7	97.9	448.1	4	A.-Cu. S	S.-Cu.	4	A.-Cu.SbyW	Cu.
31..	NW	NW	NNW	N	NNW	ENE	65.8	94.3	147.9	64.6	372.6	4	Ci.	Cu. SSW	2	Ci.	Fr.-Cu. NNW
Mean	.....	.....	.....	.....	.....	.....	40.7	68.1	108.2	53.7	270.8	2.4	.....	.....	3.3	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,396	.....	.....	.....	.....	.....	.....

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

APRIL, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.60	60	61.25	59.10	58.80	60.30	59.84	27.3	26.5	29.8	30.9	29.4	26	28.3	32.6	24.4	58	62	62	56	61	80	63.2	.....
2..	59.80	59.95	60.75	57.60	57.60	58.88	59.10	24.5	24.1	30	30.8	28	26	27.2	32.1	23	78	78	62	58	72	81	71.5	.....
3..	57.96	58.77	59.72	57.82	57.72	58.96	58.49	25.4	23.8	29.5	29.6	26.1	25	26.6	31.8	22.5	83	85	68	64	72	80	75.3	.....
4..	58.49	59.02	59.19	57.40	57.78	59.09	58.50	24.3	23.1	31.5	31.5	29.6	26.8	27.8	33	22.2	77	90	63	63	72	82	74.5	.....
5..	58.75	58.85	60.14	58.03	58.40	59.30	58.91	26.3	25.5	31.4	32	27.9	26.7	28.3	33.1	24.6	78	78	62	58	77	83	72.7	.....
6..	58.12	58.47	59.10	57.22	57.71	59.05	58.28	25.5	25	30.3	30.9	27.8	26.4	27.6	32.8	23.7	76	78	66	69	79	85	75.5	.....
7..	57.88	58.25	59.28	57.37	57.96	59.02	58.29	25.6	25.3	30.6	31.1	27.9	26	27.8	32.3	23.9	80	77	65	65	71	80	73	.....
8..	57.59	57.72	57.37	55.69	56.30	57.38	57.01	24.3	23.7	32.2	33.5	29.3	27.1	28.4	33.9	22.5	82	78	50	53	70	72	67.5	.....
9..	57.46	57.73	58.39	57.21	57.13	58.96	57.81	26.7	25.2	31.7	31.8	28.3	26.4	28.4	33.6	24.2	76	78	58	59	76	83	71.7	.....
10..	58.62	58.37	58.89	56.99	56.95	58.04	57.98	25.5	24.6	31	31.7	28.2	26.8	28	32.3	23.6	83	82	53	59	72	80	71.5	.....
11..	57.10	56.90	57.22	55.38	55.45	56.80	56.48	26.4	26	30.5	31.8	29.8	27.6	28.7	33.3	24.9	79	80	62	61	71	79	72	.....
12..	56.41	56.41	57.09	54.98	55.50	57.15	56.26	27.2	26.5	32.1	32.5	29	28.1	29.2	33.4	25.6	80	83	56	58	76	81	72.3	13.7
13..	56.12	57.14	58.24	56.71	56.93	59	57.36	25.6	25.3	30.6	31.6	29.5	28	28.4	33.2	24.6	83	86	65	59	73	81	74.5	29.7
14..	58.46	58.42	58.70	56.93	57.74	59.20	58.24	23.3	23.6	31.8	32	28.7	26.2	27.6	33.3	21.9	85	82	64	63	75	87	76	.....
15..	58.13	58.10	58.58	56.20	56.78	57.91	57.62	25.4	25.3	31	31.4	28.6	27.3	28.2	32.8	24.4	90	82	62	66	78	83	76.8	.....
16..	57.02	57.05	58.23	56.68	56.49	58.18	57.28	26.2	25.3	29.8	28.6	28.8	27	27.6	33.1	24	81	84	63	65	70	78	73.5	.1
17..	57.16	57.10	58.05	56.54	56.70	58.45	57.33	25.8	25.5	30.5	31	29	27.3	28.2	33	24.3	81	78	62	62	74	84	73.5	.....
18..	57.37	57.41	58.10	56.66	57.24	59.32	57.68	25.8	25.5	31.5	32	29	25.5	28.2	34.4	23.8	81	77	58	58	71	83	71.3	.....
19..	57.52	57.45	58.15	56.24	56.92	58.90	57.53	24.9	24.6	31	31.6	28.9	27	28	33.3	23.5	82	82	58	59	69	80	71.7	.....
20..	57.31	57.01	57.80	56.18	56.59	57.51	57.07	25.3	24.7	31.8	32.5	29.8	27	28.5	33.9	23.8	83	81	61	58	69	82	72.3	.....
21..	57.33	57.40	57.75	55.83	55.92	57	56.87	25.7	24.7	32.2	32.5	28.8	27	28.5	34.1	23.8	82	82	56	56	69	80	70.8	.....
22..	57.02	57.10	58.13	55.49	55.54	57.01	56.72	25.9	25.8	31	31.9	29.5	27	28.5	33.6	24.7	84	74	67	60	71	83	73.2	.....
23..	56.30	56.57	57.70	55.76	55.98	58.13	56.74	26.4	26	31.5	33	30.5	28.5	29.3	33.7	25.1	84	80	62	56	67	81	71.7	.....
24..	57.59	57.76	58.38	57.06	56.92	58.66	57.73	26.8	26.1	31.5	32.5	29.1	27.5	28.9	33.6	25.3	88	85	63	59	70	81	74.3	.....
25..	57.84	58.05	58.82	57.02	56.59	57.80	57.69	26.5	26.4	33	33.3	29.5	28	29.4	34.6	25	77	74	56	54	71	76	68	.....
26..	57.51	57.71	58.40	56.45	56.36	58.16	57.43	27.6	26.7	31.5	32.9	30.1	27.1	29.3	34.2	25.5	69	74	64	58	71	85	70.2	.....
27..	57.17	57.30	58.17	56.74	56.49	58.25	57.35	25.9	26	31	31.5	30	27.4	28.6	33.4	25	81	80	62	63	68	78	72	.....
28..	57.01	57.47	57.98	55.88	55.70	57.17	56.87	25.7	24.8	30.3	31.5	29.2	27.3	28.1	32.3	24	84	83	62	59	70	82	73.3	.....
29..	56.49	56.67	56.89	55.47	55.15	56.58	56.21	27.3	26.5	33.4	32.4	29.8	28.4	29.6	34.2	25.8	70	69	53	61	72	78	67.2	6.2
30..	56.01	56.02	57.05	55.99	56.48	58.15	56.62	28.1	25.3	29.9	31.5	28.8	27	28.4	32.1	23.2	67	77	69	66	73	79	71.8	10.6
Mean	57.57	57.74	58.45	56.62	56.79	58.28	57.58	25.9	25.2	31.1	31.7	29	27	28.3	33.2	24.1	79.4	79.3	61.1	60.2	71.7	80.9	72.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	60.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	ENE	EbyN	NW	NWbyW	Calm	Calm	59.8	72.1	81.1	24.4	237.4	1	.....	Cu.	2	Ci.	Cu. NNW
2..	Calm	Calm	WNW	NW	NNW	Calm	24.3	55.7	95.5	35.1	210.6	2	Ci. W	Fr.-Cu.	2	Ci.	Cu.
3..	Calm	Calm	NW	NNW	N	N	24.3	60.9	170.8	78.4	334.4	4	Ci.-S. W	Cu.-N. SW	4	Ci.-S. N	Cu.-N. NNW
4..	Calm	Calm	SW	WbyN	Calm	Calm	17.9	40.4	58.2	17.2	133.7	3	Ci. NNE	S.-Cu.	3	Ci.	Cu.-N.
5..	Calm	ESE	SW	WbyS	NNW	Calm	29.8	58.5	97.9	27.6	213.8	3	Ci.-Cu. ESE	S.-Cu.	3	Ci.	Fr.-Cu. W
6..	Calm	ESE	WSW	NW	NWbyN	Calm	19.3	59	99.6	20.7	198.6	2	.....	Cu.	4	Ci.-S. WNW	Fr.-Cu. WNW
7..	Calm	ESE	SW	NW	NNE	N	36.4	57.4	114.3	59	267.1	2	Ci.	Cu.	3	Ci.-S. WNW	Cu.-N. WNW
8..	NbyW	Calm	SWbyS	WSW	SW	E	37	47.5	61.5	47.7	193.7	1	Ci.	S.-Cu.	2	Ci.-S.	Cu.
9..	S	SEbyE	SW	WSW	NWbyN	Calm	43.3	62	93.1	39.4	237.8	1	Ci.	Cu.	1	.....	Cu.
10..	NbyW	Calm	NW	NW	NNW	Calm	18.2	59.5	116.9	40	234.6	1	Ci.	S.-Cu.	2	Ci. W	Cu.
11..	S	Calm	SSW	WSW	Calm	Calm	43.5	77.7	66.2	23.5	210.9	2	Ci.-S.	Cu.	1	.....	Cu.
12..	Calm	Calm	SSW	SW	WbyS	Calm	19.9	65.4	79.2	17.1	181.6	2	Ci.-S.	Cu.	1	Ci.-S.	Cu.-N.
13..	SSW	Calm	SSW	WSW	WSW	Calm	22.8	80.2	78.7	23.8	205.5	6	Ci. NE	Cu.	2	Ci.	Cu.-N.
14..	ESE	ESE	ESE	WbyS	NW	Calm	58.7	54.7	72.6	18.2	204.2	2	Ci.	Cu.	2	Ci.	Cu.-N.
15..	Calm	ESE	SSW	WSW	WNW	Calm	33.3	48.8	66.8	15.8	164.7	2	Ci.	Cu.	2	Ci.-S. SSW	Fr.-Cu. SSW
16..	Calm	Calm	WSW	NNW	WNW	Calm	23.8	38.3	74.8	23.5	160.4	4	Ci.-S.	Cu.	5	Ci.	Cu.-N. NW
17..	Calm	NE	NW	WNW	NW	Calm	21.1	47.5	82.3	16.3	167.2	4	Ci.-S.	S.-Cu.	2	Ci.	Cu.-N.
18..	Calm	E	SW	NW	NNW	NNW	32.5	54.5	89	53.4	229.4	3	Ci.-S.	S.-Cu.	2	Ci. WbyS	Cu.-N.
19..	Calm	N	WSW	NW	N	Calm	16.1	48.8	88.8	41.6	195.3	3	Ci. W	Cu.	1	Ci.	Cu.-N.
20..	Calm	Calm	NWbyW	WSW	WNW	Calm	26.4	35.7	69.4	35.1	166.6	3	Ci. SW	Cu.	3	Ci.	Cu.
21..	Calm	Calm	NWbyN	NNW	N	Calm	21.5	47.8	150	43.1	262.4	2	Ci. W	Cu.	3	Ci. W	Cu.
22..	SE	E	SW	WSW	NW	Calm	31.1	58.4	70	18	177.5	4	Ci.	S.-Cu.	3	Ci. W	Cu.
23..	SW	NW	SW	WSW	Calm	Calm	23	65	75.3	12.6	175.9	3	A.-Cu. SSW	Cu.	1	.....	Fr.-Cu.
24..	Calm	Calm	NNW	NNW	N	Calm	15.8	59.2	120.9	44	239.9	1	Ci.-S.	Cu.	1	.....	Cu.
25..	Calm	Calm	NWbyW	WbyN	NNW	WbyN	28.8	51.8	83.4	26.8	190.8	2	Ci.	Cu.	2	.....	Cu.-N.
26..	NNW	SE	SW	SWbyS	Calm	Calm	44.1	56.9	71.4	9.5	181.9	2	Ci.-S.	Cu.	2	.....	Cu.
27..	Calm	E	SSW	WbyS	W	NW	35.2	58.2	64.2	27.7	185.3	2	.....	Cu.	1	.....	Cu.
28..	NNE	NNE	NbyW	NNW	N	NNW	38.3	101.4	148.7	30.4	318.8	1	Ci.	Cu.	2	Ci.	Cu. NW
29..	ESE	ESE	WSW	WSW	NW	Calm	64.2	55.2	70	17.1	206.5	1	Ci.	S.-Cu.	4	Ci.-Cu. WbyN	Cu.-N. WNW
30..	SW	SE	SSW	SW	WSW	WSW	45.4	81.6	102	48.1	277.1	2	Ci.	S.-Cu.	6	Ci.-S.	Cu.-N. SW
Mean	.....	.....	.....	.....	.....	.....	31.9	58.7	90.4	31.2	212.1	2.4	.....	.....	2.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,363.6	.....	.....	.....	.....	.....	.....

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

MAY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.28	57.30	58.44	56.89	56.98	58.17	57.51	24	24.2	29	29.7	27.8	26	26.8	30.6	22.8	86	84	64	63	68	80	74.2	.....
2..	57.38	57.88	59.30	57.23	56.88	58.25	57.82	26.2	25.8	31.6	32.5	29	27.3	28.7	33.4	24.2	72	74	59	55	75	81	69.3	.....
3..	56.82	57.03	57.75	55.54	55.77	58.11	56.84	26.2	25.8	29.5	32.5	28.5	26.6	28.2	33.3	24.8	78	76	68	58	70	77	71.2	.....
4..	57.28	57.83	58.52	56.32	56.56	57.57	57.35	25.4	25.1	30.2	30.8	27.7	25.5	27.4	32.1	23.8	78	79	62	58	65	76	69.7	.....
5..	57.07	57.57	58.45	56.18	56.75	58.43	57.41	26.7	26.5	31.5	32.3	30	27.3	29	33.7	25.5	67	67	61	62	73	78	68	3.6
6..	57.30	57.60	58.51	57.05	57.76	58.88	57.85	26.2	24.5	30	30.5	24.6	24.1	26.6	32.5	22.6	80	92	71	70	82	82	79.5	3.1
7..	56.76	57.13	58.57	56.15	57.23	58.82	57.44	24	24.1	31	31.8	24.8	25.6	26.9	33	22.8	81	81	65	64	89	87	77.8	30.7
8..	57.27	57.13	57.79	56.79	57.33	58.73	57.51	25.2	25	30	31.5	28	26.1	27.6	32.5	24	86	85	65	66	77	78	76.2	.....
9..	57.31	57.50	58.43	57.40	57.85	59.01	57.92	25.8	25.6	30	30.2	27.9	26.2	27.6	31.7	24.3	78	79	65	69	82	83	76	27
10..	57.60	57.30	58.37	57.11	57.20	57.84	57.57	25.4	24.2	26.5	28.3	26.2	26.3	26.2	29.1	23.3	84	86	84	74	86	80	82.3	4.7
11..	56.86	56.85	57.03	55.87	56.03	57.64	56.71	26.2	25.5	30.8	30.3	29.3	27.9	28.3	32.7	24.5	81	84	63	72	79	82	76.8	.....
12..	56.92	57.43	58.57	57.02	56.72	58.31	57.50	27.1	25.8	31.1	32.5	29.8	28.1	29.1	33.3	24.9	81	85	64	60	72	82	74	14.6
13..	57.61	58.35	58.86	57.13	58.18	59.34	58.24	27.4	25.1	29.5	31.5	29.8	28	28.6	33.1	23.8	84	87	75	66	73	85	78.3	4.7
14..	58.52	58.82	59.81	58.01	59.30	59.89	59.06	26.7	26.3	32	32.5	27.3	25.9	28.4	34.1	24.4	81	80	57	63	70	74	70.8	3.3
15..	59.58	59.61	59.62	58.08	58.90	60.23	59.34	25.4	25	32.5	32.2	29.3	26.7	28.5	33.9	24	77	80	60	65	75	71	71.3	.....
16..	58.93	59.30	59.38	57.83	58.68	59.91	59	26.2	25.7	32	32.1	30.2	26.8	28.8	33.1	24.8	77	78	63	64	70	80	72	.....
17..	58.93	59.23	59.88	58.07	59.47	60.60	59.36	26.1	25.6	31.5	32	30.3	26.6	28.7	33	24.6	82	83	66	69	66	80	74.3	.....
18..	59.51	59.88	60.33	58.87	58.90	59.88	59.56	25.3	25.2	33.2	32.4	29.3	27.1	28.8	34	24	83	83	63	63	72	87	75.2	.....
19..	58.83	59.08	59.58	57.98	58.29	58.80	58.76	25.7	25.7	33.1	32.6	28.9	27.6	28.9	33.7	24.5	81	77	58	60	75	74	70.8	.....
20..	57.28	57.26	58.34	56.88	57.05	58.10	57.48	25.8	25.4	31.8	32.5	29.2	27.3	28.7	33.2	24.1	79	77	59	63	73	86	72.8	.....
21..	56.90	57.47	57.88	56.24	57.28	58.26	57.34	26.4	26.1	31.6	32.3	30.9	27.4	29.1	33.8	25	84	79	63	63	69	70	71.3	.....
22..	57.90	57.92	58.27	56.72	57.58	58.91	57.88	26.4	26.5	32.4	33	28.8	26.8	29	34	25	75	76	60	58	69	74	68.7	.....
23..	58.02	58.38	59.22	57.77	58.60	59.46	58.58	26.3	25.5	31.6	32.2	29	25.5	28.4	33.6	24.2	76	80	62	62	67	83	71.7	1
24..	58.32	58.41	58.89	57.63	57.74	58.74	58.29	25.4	25.2	32.3	31	28.3	27.1	28.2	34.1	24.1	83	82	61	65	72	80	73.8	.....
25..	57.34	57.63	57.62	56.21	56.33	58.45	57.26	26.2	26	30.5	32	29.8	26.6	28.5	33.8	25	80	80	65	60	69	80	72.3	.....
26..	57.31	57.47	58.42	56.93	58.26	58.47	57.81	25.8	26	30.6	31.8	25.5	25	27.4	33.1	23.3	81	80	58	64	84	85	75.3	31.7
27..	58.03	58.54	59.27	57.74	58.02	59.29	58.48	24.7	24.5	30.6	32.5	29.5	28	28.3	32.6	23.8	84	84	68	59	72	85	75.3	.5
28..	58.14	58.31	58.17	56.67	57.14	58.75	57.86	27	26.7	31.5	32	30.1	27.2	29.1	33.3	25.3	84	83	68	63	71	83	75.3	.8
29..	57.59	57.81	57.77	56.42	56.52	57.71	57.30	26.5	26.5	32.5	31.9	29	27.7	29	33.1	25.2	84	84	61	64	76	82	75.2	4.3
30..	56.71	56.81	57.61	56.94	57.54	57.79	57.23	25.6	25.5	33.5	32.5	30.5	27.5	29.2	34.3	24.8	85	88	55	66	75	82	75.2	.....
31..	57.09	57.82	58.67	57.04	57.79	58.16	57.76	26.7	26.5	31.5	33	29.7	26	28.9	34	24.4	80	79	68	70	75	86	76.3	1.1
Mean	57.69	57.96	58.62	57.06	57.57	58.73	57.94	25.9	25.5	31.1	31.8	28.7	26.7	28.3	33.1	24.3	80.4	81.0	63.9	63.8	73.9	80.4	73.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	131.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	N	N	NNW	NbyW	WNW	40.5	108.8	136.6	25.2	311.1	6	Ci.-S.	NNW Cu.-N.	1	Ci.	NNW Cu.
2..	EbyS	ESE	swbyS	WSW	NW	Calm	41	49.9	62.8	20.4	174.1	3	Ci.	S.-Cu.	3	Ci.	Cu.-N.
3..	Calm	SE	SSW	WSW	NW	Calm	30.3	52	82.6	25.5	190.4	5	Ci.	Cu.-N. SW	2	Ci.	Cu.-N. SW
4..	NbyW	NbyW	NbyW	NNW	NbyW	Calm	26.2	85	126	40.5	277.7	8	A.-S.	SW Cu. SSW	2	Ci.	Cu.
5..	ESE	ESE	SSW	WSW	Calm	Calm	56.3	79.4	66.6	19.6	221.9	8	Ci.-S.	S.-Cu. SSW	4	Ci.	W Cu.-N.
6..	Calm	W	Calm	WNW	NNE	NNE	29.8	35.6	114	38.1	217.5	10	.....	Cu.-N. SW	9	A.-Cu.	Cu.-N. SW
7..	Calm	NNE	SSW	WSW	Calm	Calm	24.9	71.3	60	22.3	178.5	5	Ci.	N S.-Cu.	7	Ci.	W Cu.-N.
8..	Calm	SE	SW	SW	Calm	ESE	27.2	57.6	74.6	52.9	212.3	9	A.-Cu.	SSW S.-Cu. SSW	7	Ci.-S.	SW Cu.-N. SW
9..	ESE	ESE	SSW	SW	SSW	WSW	60	64.1	50.2	52.5	226.8	8	Ci.-S.	S Cu.	10	Ci.-S.	Fr.-N. SW
10..	Calm	SSE	SSW	SSW	Calm	SSW	42.6	86.7	95.2	39.6	264.1	9	Ci.-S.	Cu.-N. SSW	10	Ci.-S.	Cu.-N. SSW
11..	SE	Calm	SSW	SW	SSW	SW	33.3	67	79.4	44.1	223.8	4	A.-Cu.	S Cu.	7	Ci.	SSW Cu.-N. SSW
12..	SE	Calm	SW	WSW	SW	Calm	43.1	63.9	65	23.9	195.9	4	Ci.	Cu. SSW	2	Ci.	Cu.-N.
13..	Calm	Calm	Calm	WNW	WNW	Calm	33.6	26.9	56	18.7	135.2	10	.....	Fr.-N. SSW	5	Ci.	Cu.-N.
14..	SE	ESE	WSW	WNW	ESE	E	39.6	48.5	59	59.7	206.8	7	A.-Cu.	Cu.	4	Ci.-S.	NbyE Cu.-N.
15..	Calm	ESE	WSW	NW	NNW	EbyS	45.6	51	100.9	52.8	250.3	4	Ci.	E S.-Cu.	3	Ci.	W Cu. NW
16..	EbyS	EbyS	NWbyN	WNW	Calm	E	35.7	58.4	86.6	34	214.7	5	Ci.	E S.-Cu.	4	Ci.	WSW Cu.-N.
17..	Calm	E	W	NW	ENE	E	28	49.4	113.8	38.9	230.1	3	Ci.	Cu.	3	Ci.-S.	NW Cu.-N. NW
18..	E	E	NW	NNW	NNW	Calm	28.4	49.6	116.2	40.4	234.6	2	Ci.	Cu.	2	Ci.-S.	NW Cu.
19..	Calm	ESE	SSW	WNW	NNW	E	37	64.7	105.1	28	234.8	1	Ci.	Cu.	4	Ci.	W Cu.-N.
20..	E	E	WSW	NWbyN	NNW	Calm	35.6	51.8	113	25.4	225.8	1	.....	Cu.	2	Ci.	Cu.
21..	Calm	Calm	swbyS	WNW	NNW	E	32.5	51.3	84.2	62	230	2	.....	Cu.	2	Ci.	W Cu.-N.
22..	E	ESE	SW	WSW	E	E	60	55.5	71.8	47.3	234.6	8	A.-Cu.	ESE Cu.	3	Ci.	Cu.-N.
23..	ESE	EbyS	SW	WSW	WNW	EbyN	48.3	41	70.2	51.3	210.8	8	Ci.	SE Cu.-N.	5	Ci.	W Cu.-N.
24..	Calm	ESE	EbyS	WNW	NE	Calm	32.5	51.8	87.1	28.8	200.2	5	Ci.	ESE Cu.	7	Ci.-S.	W Cu.-N.
25..	Calm	E	SSW	WSW	WNW	ESE	19.6	71.8	78.1	63.6	233.1	8	Ci.	ESE S.-Cu.	5	Ci.	Fr.-Cu. WSW
26..	ESE	Calm	WSW	WSW	Calm	WNW	43.3	52	80.5	31.4	207.2	6	Ci.	WNW Cu.	4	Ci.	Cu.-N. WNW
27..	ESE	ESE	SSW	SW	NW	Calm	53.1	60.6	57.4	19.5	190.6	8	Ci.-S.	S.-Cu. S	3	Ci.	Cu.
28..	Calm	Calm	WSW	WNW	NWbyN	S	12.1	34.9	61	33.2	141.2	8	A.-Cu.	SSE S.-Cu. S	4	Ci.	SE Cu.-N.
29..	Calm	ESE	NW	SW	Calm	W	23.3	57.4	63.6	28.2	172.5	9	A.-Cu.	SE S.-Cu. SE	3	Ci.	Fr.-Cu. SW
30..	ESE	ESE	WSW	WSW	Calm	Calm	49.7	50.7	57.4	34.8	192.6	3	A.-Cu.	S Cu.	2	Ci.-S.	WSW Cu.-N.
31..	ESE	ESE	NW	NNW	ENE	Calm	34.1	53.3	85.8	37	210.2	8	Ci.	Cu.	4	Ci.-S.	Cu.-N. NW
Mean	.....	.....	.....	.....	.....	.....	37	58.1	82.6	36.8	214.5	6	.....	.....	4.3	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,649.4	....	.....	.....	.....	.....	.....

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

JUNE, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.61	57.97	58.72	57.08	57.08	59.02	57.91	25.8	26	31.5	32.7	30.5	26.1	28.8	33.6	25	87	85	63	65	75	86	76.8	5.8
2..	57.76	57.83	57.98	56.53	56.75	57.56	57.40	25.5	25	30.5	32.2	27.7	26.3	27.9	34.1	23.6	88	83	71	65	79	81	77.8	.....
3..	56.66	57.03	57.77	56.25	57	57.53	57.04	25.9	25.8	32.6	30.7	28.4	25.2	28.1	33.2	24	81	80	62	67	82	83	75.8	5.1
4..	56.86	56.75	57.23	56.63	57.04	58.15	57.11	24.9	25	31.8	32	29.5	28	28.5	33.7	24	85	84	59	64	75	78	74.2	.....
5..	57.50	57.79	58.64	57.49	57.39	58.50	57.88	27.1	26.8	32.4	32.5	30.6	27.7	29.5	34.4	25.5	80	80	55	62	71	78	71	.....
6..	58.09	58.19	58.77	57.43	57.60	58.76	58.14	26.7	26.5	33.3	33.6	30.3	28.8	29.9	34.8	25.6	79	75	54	57	74	76	69.2	.....
7..	57.88	57.86	58.52	57	57.39	58.69	57.89	27	26.9	31	32.5	28.4	26	28.6	34.3	25	83	83	65	60	82	86	76.5	1.1
8..	57.62	57.68	58.25	57.52	57.54	58.70	57.88	25.8	25.8	32.7	33	30.5	27.5	29.2	33.8	24.7	86	85	60	60	74	79	74	.....
9..	58.38	58.80	58.89	57.71	58.05	59.10	58.49	27	27	31.6	31.9	29.6	28.1	29.2	33.5	26	78	82	64	64	74	80	73.7	.....
10..	58.01	58.15	58.73	57.68	57.57	58.73	58.14	26.3	25.3	32.6	31.6	30.3	27.9	29	34	24.4	82	83	59	66	73	84	74.5	2.5
11..	57.85	58.01	57.93	56.51	56.53	57.21	57.34	27.3	26.8	32.8	32.9	28.8	27.6	29.4	34.3	25.5	83	84	59	58	72	80	72.7	.....
12..	56.91	57.02	57.22	56.18	57.09	58.28	57.12	27.2	26.7	33.1	32.8	28	26.5	29	35.7	25.5	79	81	56	59	77	84	72.7	.....
13..	56.88	56.96	57.25	56.08	56.33	57.13	56.77	25.7	25.9	32	33.2	30.5	29.2	29.4	34	24.1	80	78	60	63	68	72	70.2	.....
14..	56.78	57.11	57.88	56.58	56.81	58.20	57.23	27.9	27.4	32.5	33.3	31	29.5	30.3	34.6	26	76	76	60	62	69	75	69.7	.....
15..	57.93	58	59.12	57.92	57.81	59.56	58.39	28.4	28	31.5	33.5	30.2	25.7	29.6	33.9	23.8	77	77	69	56	72	90	73.5	22.4
16..	57.73	57.81	58.27	56.78	56.29	57.80	57.45	25.6	25.5	31.8	32.5	30	28.5	29	33.8	24.6	83	88	64	61	75	85	76	.....
17..	56.76	56.96	57.25	55.27	55.38	56.80	56.40	26.9	26.8	32.4	33	30.2	27.7	29.5	34.3	25.7	83	83	62	64	76	79	74.5	.....
18..	56.36	56.52	57.15	55.82	56.09	57.59	56.59	27.5	27	32	33.3	30.8	28.1	29.8	34.2	26	77	83	61	55	70	77	70.5	.8
19..	57.36	57.57	58.20	57.28	57.98	59.76	58.02	26.1	26	32	32.3	24.5	23.9	27.5	33.4	22.8	83	84	60	63	92	91	78.8	39.1
20..	58.59	58.62	58.85	58.03	57.83	59.28	58.53	24.3	24.8	29.8	31.4	29	25.3	27.4	32.6	23	87	85	69	70	73	84	78	19.5
21..	57.76	57.70	58.40	56.89	56.68	58.32	57.62	25.3	25.3	29.1	31.7	29	26	27.7	32.2	23.3	83	81	74	65	78	80	76.8	44.9
22..	58.48	57.06	57.48	56.44	56.28	57.99	57.29	23.4	23.5	30	28	27.7	24.3	26.2	31.4	22.5	88	81	62	77	77	86	78.5	18.6
23..	56.36	56.38	56.99	56.17	56.40	58.60	56.82	24.4	24.5	30.5	31.2	28	24	27.1	31.6	22.8	84	83	61	66	77	96	77.8	36.7
24..	57.83	56.86	57.20	56.79	56.92	58.11	57.28	24.1	24.2	30.5	31.7	30.7	26.6	28	33.1	22.8	93	90	67	65	70	84	78.2	.6
25..	56.92	57.11	56.76	55.80	56.86	56.90	56.72	25.6	25.4	30	30.2	24.8	24.8	26.8	31	23.8	84	86	71	70	93	89	82.2	4.3
26..	56.03	55.82	55.66	54.38	54.71	55.98	55.43	24.5	24.3	30.7	31.5	23.8	24	26.5	32	22.3	90	89	67	66	95	96	83.8	43.4
27..	55.68	55.69	55.96	55.57	56.25	57.96	56.18	24	24.5	28.5	27.1	25	25	25.7	29.2	23.2	91	87	69	83	88	85	83.8	39.3
28..	56.86	56.78	58.26	57.69	58.05	59.39	57.84	24.9	25	28.5	28.8	26.5	25.6	26.7	29.6	23.2	84	83	74	76	82	86	80.8	15.8
29..	59	58.10	58.45	58.25	57.85	59.10	58.46	24.5	24.7	30.2	30.5	30.2	27	27.8	32.4	23.2	92	86	70	68	77	87	80	.....
30..	58.10	58.07	58.15	56.99	57.31	58.51	57.86	25.8	24.9	31.3	32	27.8	25.8	27.9	33.2	23.5	84	84	70	69	90	83	80	2.3
Mean	57.42	57.41	57.86	56.76	56.96	58.24	57.44	25.8	25.7	31.3	31.8	28.7	26.6	28.3	33.2	24.2	83.7	83	63.9	64.9	77.7	83.3	76.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	302.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	ESE	ESE	SSW	SW	ENE	Calm	36	66	67.3	44.9	214.2	7	Ci.	Cu.	5	Ci.	Cu.-N. SW
2..	Calm	NNW	NWbyW	WSW	ESE	EbyS	41.2	26.6	51	49.1	167.9	8	A.-S.	Cu.-N.	5	Ci.	Cu.-N. SW
3..	EbyS	ESE	SW	NW	NW	ESE	45.9	48.1	52.3	56.8	203.1	8	A.-Cu. ESE	Cu.	8	Ci.	Cu.-N. NW
4..	Calm	ESE	Calm	NW	NNW	Calm	34.6	43.7	67	29.8	175.1	4	Ci. ENE	S.-Cu.	4	Ci.-S.	Cu.-N. NW
5..	Calm	ESE	SSW	WNW	Calm	Calm	29.5	58.4	41.6	22.2	151.7	3	Ci.	Cu.	8	Ci. W	Cu.-N. NW
6..	ESE	ESE	SSW	WSW	Calm	NE	35.9	54.4	56	22.2	168.5	7	Ci. E	Cu.	6	Ci. W	Cu.-N.
7..	Calm	ESE	SSW	WNW	E	Calm	27.2	38.1	55.7	38.1	159.1	3	Ci.	Cu.	3	Ci.	Cu.-N. WNW
8..	E	E	SW	SW	NW	ESE	36.5	51.3	66	35.2	189	3	Ci.	Cu.	8	Ci. W	Cu.-N. NW
9..	ESE	Calm	WbyN	WSW	NWbyN	Calm	36.7	44.6	65.5	27.4	174.2	3	Ci.	Cu.	8	Ci.-S. W	Cu.-N. WNW
10..	ESE	ESE	NW	WNW	NNW	NNW	34.8	37.8	71.8	26	170.4	8	Ci. E	Cu.	4	Ci.-S.	Cu.-N. WNW
11..	ESE	ESE	SW	WSW	Calm	ENE	40.2	59.7	61.2	31.9	193	3	Ci.-S. SSW	S.-Cu.SSW	3	Ci. WNW	Cu.-N.
12..	ESE	ESE	Calm	NW	NEbyN	NNW	35.1	44.6	75.8	42	197.5	2	Ci.-S.WSW	Cu.	3	.....	Cu.-N.
13..	Calm	ESE	SSW	SW	NNW	N	36.7	72.4	76.6	30.8	216.5	2	Ci.	Cu.	3	Ci.	Fr.-Cu. WSW
14..	Calm	ESE	SSW	WSW	WNW	W	40.7	68.6	70.8	20.4	200.5	2	Ci. E	Cu.	3	Ci.	Fr.-Cu. WSW
15..	Calm	ESE	SSW	SW	NWbyW	ENE	31.1	71	67.9	55.8	225.8	3	Ci.	Cu.	2	Ci.	Fr.-Cu. WSW
16..	ESE	Calm	SSW	W	Calm	Calm	39.9	59	51	15.5	165.4	2	Ci.	Cu.	2	Ci.	Cu.
17..	Calm	ESE	WSW	WSW	Calm	Calm	29.2	57.3	59.2	24.6	170.3	3	A.-Cu.	Cu.	3	Ci.-S.	Fr.-Cu. WSW
18..	NEbyN	Calm	SSW	SWbyW	WSW	NE	34.1	52.5	71.3	43	200.9	4	Ci.-S.WSW	S.-Cu.WSW	2	Ci.-S. SW	Cu.
19..	Calm	ESE	swbyS	SW	ESE	Calm	29.3	70.5	71.3	48.9	220	3	Ci. EbyS	Cu.	7	Ci.	Cu.-N. SW
20..	ESE	ESE	SSW	SW	SSW	Calm	57.3	62.2	87.9	46.2	253.6	4	Ci. ENE	S.-Cu.	8	Ci.-S. SW	Cu.-N. SW
21..	ESE	Calm	SW	SSW	Calm	ESE	45.4	52	72.1	57.6	227.1	8	Ci.-S. SW	Cu.-N. SW	6	Ci.	Cu.-N. SSW
22..	ESE	ESE	SSW	SW	SSW	SSW	52.6	52.9	71	47	223.5	10	.....	N.	9	Ci.-S. SW	Cu.-N. SW
23..	ESE	ESE	swbyS	swbyS	W	SE	56.5	61.5	56.6	46.5	221.1	7	Ci. E	Cu.	8	Ci.-S.	Cu.-N. SW
24..	ESE	ESE	SW	WSW	Calm	Calm	52.6	40.4	53.7	43.5	190.2	9	Ci.-S.	S.-Cu.	4	Ci. W	Cu. WSW
25..	Calm	ENE	NNW	NW	SbyW	SSE	32.5	34	59.8	39.6	165.9	8	A.-Cu. E	Cu.	9	Ci.-S.	Cu.-N. NW
26..	ESE	ESE	NW	NWbyN	ENE	SbyW	42	41.8	83.4	48.9	216.1	2	Ci.	Cu.	6	Ci.-S. NNE	Fr.-Cu. NNE
27..	Calm	SSE	SSW	SWbyW	S	SSE	32.4	62.3	105.4	86.7	286.8	9	Ci.-S.	S.-Cu.SSW	9	Ci.-S.	Cu.-N. SSW
28..	ESE	SE	SSW	SSW	SW	SSW	52.8	46.4	114.3	74.5	288	10	Ci.-S.	S.-Cu.SSW	10	Ci.-S.	S.-Cu. S
29..	SE	Calm	ESE	SSW	Calm	Calm	39.2	75.6	31.6	20.1	166.5	9	Ci.-S.	S.-Cu.	6	Ci.	Cu.
30..	ESE	Calm	NNW	NW	NE	Calm	32.7	54.4	79.4	38	204.5	2	Ci.	Cu.	2	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	39	53.6	67.2	40.4	200.2	5.2	.....	.....	5.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,006.4	.....	.....	.....	.....	.....	.....

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

JULY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.17	57	57.60	56.22	55.84	57.50	56.89	25.7	25.2	31.8	31.7	30	27.6	28.7	32.6	24	86	87	74	70	78	84	79.8	.....
2..	56.32	56.41	57.17	56.25	56.44	58.47	56.84	26.4	26.1	32	32.3	29	25.5	28.6	32.8	23.8	86	85	61	65	81	88	77.7	4.8
3..	56.06	56.43	56.84	55.78	55.97	57.03	56.35	25.2	25.5	30.5	31.8	30.1	26	28.2	32.7	23.8	82	88	65	64	71	82	75.3	22.4
4..	55.41	55.27	56.06	54.87	54.88	55.95	55.41	25.7	25.5	28.5	30.4	25.9	25	26.8	31.2	24	82	85	78	72	85	88	81.7	51.5
5..	54.63	54.40	54.85	54.33	54.40	54.95	54.59	24.6	24.7	28.5	29.7	23.8	24.7	26	31.2	22.4	83	86	78	77	97	90	85.2	127
6..	54.18	54.24	54.69	54.15	54.43	55.33	54.50	25	25.2	29.7	29.5	24.5	24.9	26.5	29.9	23.2	88	90	67	76	91	92	84	21.7
7..	54.68	54.71	55.23	54.63	54.45	55.57	54.88	25.1	26	28.9	29	28.5	27	27.4	30.4	24.2	87	81	75	71	78	83	79.2	2
8..	55.08	54.95	55.68	54.70	54.53	56.05	55.16	25.8	25.1	30.2	30.8	28.9	25	27.6	31.1	24	85	87	70	70	78	92	80.3	21.6
9..	55.02	54.89	55.75	54.68	54.86	55.86	55.18	24.9	24.6	30	30.9	26.9	25.1	27.1	31.6	23.8	92	92	68	66	80	89	81.2	.5
10..	55.26	55.30	56.10	55.52	55.16	56.03	55.56	25.1	25	26	27.1	26.5	25.8	25.9	27.8	23.8	88	88	88	82	82	81	84.8	.6
11..	55.12	55.13	56.22	55.04	55	55.21	55.29	25.5	24.8	27.5	28	25	24.3	25.8	29.6	23.2	84	89	77	77	96	94	86.2	111
12..	53.69	53.79	54.28	53.25	52.81	52.99	53.47	24.4	24	24.5	25.2	26	25.1	24.9	26.3	23.2	94	97	94	94	90	98	94.5	509.7
13..	52.23	52.55	54.16	53.19	53.24	54.24	53.27	25.5	24	23.5	25.3	25.4	26.2	25	26.4	22.4	96	98	97	89	84	80	90.7	123.2
14..	54.39	54.43	54.48	54.82	54.47	55.77	54.73	23.9	24.5	29.2	25.6	26.2	25	25.7	30.2	21.9	86	82	70	90	76	83	81.2	1
15..	55.62	55.77	56.65	55.58	55.59	57.76	56.16	24.3	24.5	27.8	30.5	28	24.5	26.6	31.5	23	83	80	77	67	85	95	81.2	11.6
16..	56.58	56.69	56.36	55.24	54.75	55.45	55.84	23.9	23.5	28.3	28.7	27.8	26.5	26.4	30.6	22.5	94	94	82	81	90	84	87.5	.3
17..	53.74	53.68	53.87	52.72	53.08	54.25	53.56	25.8	25.5	28.2	29.5	24.3	24.2	26.2	30.5	23	84	84	78	75	90	89	83.3	16.4
18..	52.64	52.73	53.90	53.57	53.45	54.79	53.51	24.4	24.7	25.6	26.6	25	24.3	25.1	27.2	23.3	86	86	89	86	88	91	87.7	16.9
19..	53.33	53.28	54.29	53.82	53.34	54.81	53.81	24.6	24.1	24.9	25	26	26.8	25.2	27.5	23.1	89	91	87	89	80	78	85.7	16
20..	53.99	53.92	55.60	55.81	56.21	57.56	55.52	27.1	27.7	28.7	27	25.5	25	26.8	29	23.2	76	73	73	84	86	92	80.7	31.9
21..	55.66	55.57	56.39	56.82	57.04	58.04	56.59	25.9	25.8	29.2	26	25	25	26.2	30.5	22.7	81	78	75	88	88	83	82.2	21.2
22..	56.99	57.17	57.71	57.29	57.77	59.67	57.77	24.2	24.1	29	29.5	27	26	26.6	30.6	23	85	86	69	73	82	83	79.7	.....
23..	58.50	58.53	58.80	58.49	58.90	60.07	58.88	25.3	25.1	31.5	31.7	25.3	24.5	27.2	32.6	23.5	84	83	60	62	90	90	78.2	4.1
24..	58.21	57.68	58.37	57.33	57.92	58.72	58.04	24.2	24.4	28	29.8	26.5	24.2	26.2	30.3	23.5	90	87	71	74	82	86	81.7	3.4
25..	57.29	56.44	56.79	56.37	56.75	57.18	56.80	24.1	24	29.8	30.5	27.1	25.3	26.8	30.8	23.1	86	83	69	68	82	88	79.3	.3
26..	56.46	56.35	57.15	56	55.95	56.88	56.46	25.4	25.8	27.9	29.5	28	26	27.1	30.5	24.8	84	81	78	75	76	89	80.5	1.1
27..	55.66	55.55	56.23	55.73	55.28	56.28	55.79	25.5	25.3	29.5	25.8	24.5	24.2	25.8	29.8	23	90	88	72	85	95	94	87.3	10.6
28..	54.78	55.04	55.53	54.71	54.44	56.09	55.10	24	24	28.7	28.1	26.3	24	25.8	30.3	22.8	90	94	73	82	90	97	87.7	148.1
29..	54.81	54.89	55.86	54.80	55.12	56.96	55.41	24.1	24.5	25	28.2	25	24.3	25.2	28.2	23	96	94	96	80	92	97	92.5	47.5
30..	54.99	55.37	56.35	55.82	55.97	56.91	55.90	24	24.1	28.8	27.5	24.5	23.9	25.5	29.1	23	96	95	74	84	95	97	90.2	31.4
31..	55.59	55.52	56.30	55.14	55.58	56.61	55.79	24.7	24.8	26.6	30.3	25.6	25.5	26.2	30.1	23.1	90	92	87	76	91	92	88	5.5
Mean	55.29	55.28	55.98	55.25	55.28	56.42	55.58	25	24.9	28.3	28.8	26.4	25.2	26.4	30.1	23.3	87.2	87.2	76.5	77.2	85.5	88.7	83.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,063.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	ESE	Calm	W	WSW	SW	SSW	35.2	30.8	40.4	31.2	137.6	2	Ci. E	Cu.	8	Ci.-S.	Cu.-N.
2..	Calm	ESE	swbys	SW	Calm	SSW	35.2	58.2	41.6	38	173	2	Ci. E	Cu.	7	Ci.	Fr.-Cu. sw
3..	Calm	SSW	SSW	SW	WSW	WSW	24.9	57.1	69	40.2	191.2	6	Ci.-S. ssw	cu.-N. ssw	2	Ci. WSW	Fr.-Cu.
4..	SSE	SE	SSW	SW	SW	SSW	43.3	69.2	84.8	60	257.3	3	Ci.-S.	cu.-N. sse	8	Ci.-S. SW	Cu.-N. SW
5..	Calm	S	SSW	SW	ESE	Calm	29.5	74.2	89.6	55.8	249.1	4	Ci. SW	S.-Cu. sw	7	Ci.-S. SW	Cu.-N. SW
6..	SbyW	S	SSW	SSW	Calm	SE	51.5	99	103.5	63.1	317.1	5	Ci.-S. ssw	cu.-N. ssw	10	.....	Cu.-N. ssw
7..	SSW	SSW	SSW	swbys	SSW	S	88	105.1	95.8	78.4	367.3	10	.....	cu.-N. ssw	6	Ci.	Cu.
8..	S	S	S	SSW	swbys	ESE	37.3	65.8	100.4	41.8	245.3	3	Ci.	Cu. S	8	Ci.	Cu. SW
9..	Calm	ESE	S	SSW	SW	SSW	28.4	54.9	93.6	56.8	233.7	3	A.-Cu.	Cu.	8	Ci.	Fr.-Cu. sw
10..	Calm	SE	SSW	SW	SSW	Calm	33.2	38	85.1	40	196.3	8	Ci.-S. S	Cu.	10	Ci.-S.	Cu.-N. SW
11..	Calm	ESE	SW	SSW	NW	SE	31.9	75.1	80.3	44.6	231.9	5	Ci. SSW	Cu.	10	Ci.-S. WSW	Cu.-N. SW
12..	SSE	SSW	SSW	SSW	swbys	SSW	49.9	101.1	125.8	143.7	420.5	10	.....	N. WSW	10	.....	N. SSW
13..	SW	WSW	SSW	SSW	SSW	SbyW	156.4	128.4	133.6	139.8	558.2	10	.....	N.	10	Ci.-S.	Cu.-N. SW
14..	SSW	SSW	SSW	SSW	SSW	ESE	123.4	89.3	114.9	40.2	367.8	10	Ci.-S.	s.-Cu. ssw	10	.....	Cu.-N. ssw
15..	Calm	ESE	ESE	SSW	Calm	ESE	39.1	45.6	37.5	25.4	137.6	10	A.-S. S	S.-Cu. S	10	Ci.	S.-Cu.
16..	Calm	NNE	NNW	NW	NNW	SE	24.6	52.6	107.8	41.3	226.3	5	Ci. E	Cu.	8	Ci.-S.	cu.-N. NNW
17..	Calm	ESE	NNW	WSW	SbyW	S	35.4	21.4	79.7	69.8	206.3	10	A.-S.	s.-cu. NNE	10	Ci.-S.	Cu.-N. N
18..	SE	Calm	S	SbyW	S	S	45.7	32.2	71.9	51.3	201.1	10	Ci.-S.	S.-Cu. S	10	.....	Cu.-N. S
19..	S	SSE	S	S	S	SSW	75.3	93.3	145.9	148.3	462.8	10	.....	N. SbyE	10	.....	N. S
20..	SSW	SSW	SSW	SSW	SSW	SSW	161.7	162.8	139.7	116.7	580.9	10	Ci.-S.	s.-Cu. ssw	10	.....	Cu.-N. ssw
21..	SSW	S	SSW	Calm	SSE	S	72.4	102.7	93.1	37.3	305.5	10	A.-S. ssw	Cu.	10	Ci.-S. SSW	Cu.-N. ssw
22..	S	ESE	S	SW	SSE	S	51	54.4	105.6	45.4	256.4	8	Ci.-S.sbyw	S.-Cu.	8	Ci.	Cu.
23..	Calm	ESE	SSW	SSW	WSW	Calm	39.9	65.2	75.6	35.2	215.9	9	Ci.-S.	S.-Cu.	6	Ci.-Cu. S	Cu.
24..	SE	ESE	SSW	SSW	SW	SE	52.3	59.7	102.5	48.6	263.1	5	Ci. NNE	S.-Cu.	5	Ci.-S. SW	Cu. SW
25..	ESE	ESE	SSW	SW	SSW	SE	46.7	59	86.3	49.7	241.7	9	A.-cu. sw	s.-cu. sw	8	A.-Cu. SW	Cu.-N. SW
26..	Calm	SbyW	SSW	SSW	SSW	Calm	40.8	42.1	102.5	54.4	239.8	9	Ci.-S.	s.-cu. ssw	9	Ci.-S. SSW	Cu.-N. ssw
27..	Calm	SbyW	S	SW	Calm	SE	34.6	49.4	66.2	28	178.2	10	Ci.-S.	S.-Cu. S	10	Ci.-S.	Cu.-N. SW
28..	WSW	Calm	SWbyW	SW	SbyE	SE	31.1	55.2	90.6	47.2	224.1	10	Ci.-S. ssw	s.-cu. ssw	10	Ci.-S. SW	Cu.-N. SW
29..	SbyW	SbyW	SbyW	SSW	SSW	Calm	63.3	79.1	102.8	42.8	288	10	.....	Fr.-N. S	10	Ci.-S. SSW	Cu.-N. ssw
30..	S	Calm	SSW	SSW	SSW	S	31.1	69.5	102	77.5	280.1	10	.....	cu.-N. ssw	9	Ci.-S.	Cu.-N. ssw
31..	SSW	SSW	SSW	SSW	SW	SSW	55.7	77.5	106.8	74.6	314.6	9	Ci.-S.	cu.-N. ssw	3	Ci.-S. SSW	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	53.8	69.6	92.7	60.2	276.4	7.6	.....	.....	8.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,568.7	....	.....	.....	.....	.....	.....

VIGAN.

[$\phi = 17°\ 34'$ N; $\lambda = 120°\ 23'$ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

AUGUST, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.						Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	55.48	55.32	56.41	55.76	55.87	57.03	55.98	25.7	25.5	29.1	28.2	25	25.3	26.5	30.1	23.8	89	88	79	82	93	91	87	22.9
2..	56.58	56.51	57.04	56.31	56.31	57.37	56.69	25.3	25.5	28.8	29	26.5	26	26.8	30	24.2	92	88	79	78	90	90	86.2	13.2
3..	56.37	56.17	57.21	56.08	55.67	57.37	56.48	25.4	25.3	28.8	27.9	26.8	25.2	26.6	29.1	22.8	90	90	79	88	94	95	89.3	63.5
4..	56.48	56.27	56.70	55.43	55.20	56.86	56.16	23.8	24	28.7	28.8	25.8	24.4	25.9	29.9	22.7	93	91	78	79	88	93	87	42.4
5..	56.34	56.41	57.07	56.77	56.75	58.24	56.93	24	24.5	26.3	27.6	27	24.9	25.7	29.8	23.2	91	88	85	80	80	84	84.7	.8
6..	57.68	57.77	58.56	57.51	57.48	58.58	57.93	24.8	24.8	30	30.4	28	26.4	27.4	31.2	23.6	85	85	71	69	85	85	80	.....
7..	57.65	57.61	58.04	56.30	56.27	57.40	57.21	25.3	24.9	30.7	31.1	29.1	26.8	28	32.1	23.8	88	86	67	68	73	82	77.3	.....
8..	56.53	56.98	56.76	55.58	56.80	57.51	56.69	26	25.1	31.7	31.5	24.5	24.8	27.3	32.6	23.5	83	87	66	69	88	88	80.2	18.3
9..	56.72	56.96	57.38	56.60	56.63	57.66	56.99	24.5	24.5	29.8	30.2	29.5	26.7	27.5	31.3	23.6	91	92	76	78	83	92	85.3	.....
10..	57.17	57.36	58.10	56.85	56.01	56.10	56.93	25.5	25	31	28	27	26	27.1	32.4	24.1	91	92	67	85	93	96	87.3	16
11..	53.20	52.59	52.29	51.16	52.67	55.31	52.87	24.9	25.7	24	25	24.5	24.5	24.8	27.1	23.1	94	93	96	96	92	92	93.8	124.8
12..	54.70	55.12	56.55	56.20	56.88	58.47	56.32	24.8	26.5	28.8	29	27.8	27.4	27.4	30.1	23.5	91	80	76	72	86	89	82.3	.....
13..	57.37	57.50	57.71	56.99	57.13	58.30	57.50	25.5	25.2	28.5	29	27.8	25.6	26.9	29.7	24.1	89	90	74	76	82	87	83	.....
14..	57.13	57.01	57.69	56.60	56.60	57.62	57.11	24.3	24	31.6	32.1	28.7	26.8	27.9	33	23.3	89	86	59	61	83	92	78.3	.....
15..	56.56	56.92	57.59	56.50	55.91	57.10	56.76	25.3	24.5	30.4	29.4	28	26.5	27.4	31.6	23.8	87	92	72	79	81	89	83.3	.....
16..	55.70	55.37	55.43	53.75	53.51	54.19	54.66	24.7	24.2	28.3	29.5	27.3	25	26.5	30.3	23.5	87	90	80	77	87	94	85.8	54.4
17..	52.57	52.47	52.23	50.77	50.46	51.55	51.68	24.6	24.6	27.8	28.3	27.4	26.5	26.5	29.5	23.6	97	95	86	82	85	90	89.2	6
18..	50.31	50.25	51.12	50.91	51.13	52.49	51.04	26.8	27	25.1	26.2	26.2	25	26	27.2	23.2	83	84	95	92	89	88	88.5	54.7
19..	52.42	53.37	54.54	54.32	54.27	56.62	54.26	26	25	25.5	25	25.5	25.5	25.4	26	23.5	90	92	92	92	91	91	91.3	52.3
20..	55.49	55.39	56.56	55.54	56.46	58	56.24	25.3	25.4	27.5	28.2	27.3	26.9	26.8	28.1	23.6	88	88	82	80	82	85	84.2	2
21..	57.56	57.80	58.11	57.69	58.85	60.25	58.38	26.2	25.7	28.5	30.5	27.8	26.5	27.5	31.6	24.3	90	91	74	68	86	88	82.8	.....
22..	59.06	59.18	59.74	59.05	58.88	60.04	59.32	25.5	25.1	30.9	31.8	29	27.4	28.3	32.5	24.3	87	89	60	66	85	91	79.7	.....
23..	58.80	58.86	59.19	58.77	59.70	60.21	59.26	25.3	24.5	30.5	30.8	29	26	27.7	31.6	23.7	93	93	76	76	82	84	84	.....
24..	59.32	59.61	59.89	58.67	59.34	60.21	59.51	24.3	24.3	31	31	26	24.5	26.8	32.3	23.6	94	89	75	73	80	87	83	2.5
25..	59.32	59.27	59.58	58.05	58.23	59.25	58.95	24.3	24.3	31	31.4	27	26	27.3	32.2	23.5	86	86	69	73	83	88	80.8	1.8
26..	58.06	58.03	58.31	57.30	56.83	58.16	57.78	25.2	24.8	31	32	28	26.6	27.9	32.5	24.1	88	87	65	69	88	86	80.5	.....
27..	57.22	57.55	58.13	57.18	57.13	59.10	57.72	25.7	25.2	31	31.8	29.5	27.8	28.5	32.3	23.8	86	88	71	69	76	86	79.3	.....
28..	58.36	58.33	58.98	57.34	57.20	58.21	58.07	26.8	25.7	30.8	31.8	29.5	27.4	28.7	32.1	24.7	89	90	73	71	78	93	82.3	.....
29..	57.55	57.74	57.87	55.82	55.15	56.55	56.78	26.1	25.3	30.8	31	28.6	27	28.1	31.5	24.5	91	92	75	75	78	84	82.5	.....
30..	55.07	55.40	56.24	54.63	54.53	56.46	55.39	26.6	26	31.5	32.6	30.2	27.3	29	33.2	25.2	87	84	67	68	82	86	79	.....
31..	55.32	54.85	55.43	54.32	54.12	55.19	54.87	26.2	25.3	32	31.4	29.8	27.9	28.8	33	24.5	86	88	64	68	80	88	79	.....
Mean	56.39	56.45	56.98	55.96	56.06	57.34	56.53	25.3	25.1	29.4	29.7	27.6	26.1	27.2	30.8	23.8	89.2	88.8	75.1	76.1	84.6	88.8	83.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	475.6

Day.	Wind. Direction.						Total movement in 6 hours.				Total movement in 24 hours.	Clouds. 6 a. m.			Clouds. 2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SSW	SSW	SSW	SSW	SW	SbyE	55.2	129	144.3	75.4	403.9	8	A.-Cu. SSW	S.-Cu. SSW	9	Ci.-S.	Cu.-N. SSW
2..	SbyE	S	SbyE	SSW	SSW	SW	41.3	79.5	100	57.9	278.7	7	A.-Cu. SSW	S.-Cu. SSW	10	.....	Fr.-N. SSW
3..	SW	SW	SSW	SW	SW	S	47.2	61.7	63.8	50.5	223.2	10	Ci.-S. SW	S.-Cu. SW	10	.....	Cu.-N. SW
4..	Calm	SE	SW	WSW	SW	S	34.8	47.8	83.2	77.2	243	10	Ci.-S.	S.-Cu. SW	9	A.-Cu. WSW	Cu.
5..	SSW	SSW	SW	SW	SW	S	51.8	80.2	96	73.4	301.4	10	.....	Cu.-N. SSW	9	Ci.-S. SW	Cu.-N. SW
6..	SE	ESE	SW	SSW	Calm	E	51	64.9	44.1	38.1	198.1	8	A.-Cu. SW	Cu.	8	Ci.-S. SW	Cu.
7..	Calm	ESE	NNW	NW	NW	ESE	29.3	51	105.9	40.4	226.6	7	Ci.-S. ESE	Cu.	3	Ci.	Cu.
8..	E	ESE	NWbyN	NWbyW	SSW	Calm	50.5	47.8	60.2	39.6	198.1	2	Ci.	Cu.	2	Ci.	Cu. NW
9..	Calm	Calm	SWbyW	WNW	NW	Calm	29.3	40.2	34.9	15.3	119.7	3	Ci. E	Cu.	9	Ci.-S. W	Cu.-N.
10..	NNW	Calm	Calm	NNW	Calm	Calm	25.4	28.7	32.5	16.7	103.3	8	Ci. E	Cu.	9	Ci.-S.	Cu.-N. NNW
11..	WNW	WNW	WNW	SW	SSW	S	62.5	166.5	223.9	185.3	638.2	10	.....	Cu.-N. NW	10	.....	N. SW
12..	S	SSW	SW	SSW	SW	Calm	139.5	145.1	115.3	49.6	449.5	10	.....	S.-Cu.	10	Ci.-S.	Cu.-N.
13..	ESE	ESE	S	S	SSW	Calm	36.4	54.2	45.7	27.1	163.4	10	Ci.-S. E	S.-Cu.	9	Ci.-S.	S.-Cu.
14..	E	EbyS	Calm	W	NW	Calm	46.9	38.1	59.3	22.8	167.1	2	Ci.	Cu.	2	Ci.	Cu.
15..	Calm	NEbyN	NNW	NW	NNW	NNW	22.8	35.6	89.6	43	191	2	Ci.	Cu.	8	Ci.-S.	Cu.-N. NW
16..	Calm	NNE	NNW	NNW	NNW	NNW	25.4	48.6	118.5	30.3	222.8	4	Ci. N	Cu.-N. N	6	Ci.	Cu.-N. NW
17..	NNW	ESE	NW	WNW	WNW	WNW	30.1	75.1	153.7	107.5	366.4	10	.....	Cu.-N. NNW	10	.....	Cu.-N. WNW
18..	W	SW	SSW	SW	SSW	SSW	90.7	144.3	94.6	120.9	450.5	10	.....	Cu.-N. SW	10	.....	Cu.-N. SW
19..	SSW	SSW	SSW	S	S	S	146.2	131	132	86.6	495.8	10	.....	N. SSW	10	.....	Cu.-N. S
20..	S	SbyW	SSW	SSW	SSW	swbys	76.6	100.9	93.9	62.6	334	10	.....	Cu.-N.	10	A.-S.	S.-Cu.
21..	SSW	SSW	SSW	WSW	Calm	ESE	35.9	57.7	36.5	35.1	165.2	8	Ci.	Cu.-N. SSW	9	Ci.	Cu.
22..	ESE	Calm	swbys	SW	NW	Calm	35.4	48.1	58.2	23.8	165.5	9	Ci.-S.	S.-Cu.	3	Ci.	Cu.
23..	Calm	Calm	NW	NW	Calm	EbyN	23.1	44.3	92.8	38.3	198.5	1	Ci.	Cu.	3	.....	Fr.-Cu. NW
24..	ESE	ESE	WSW	NNW	NE	ESE	29.2	39.4	114.1	37.2	219.9	2	Ci.	Cu.	2	Ci.-S. NNW	Cu. NNW
25..	ESE	Calm	Calm	WNW	NE	Calm	32.7	38.3	70.5	34.9	176.4	2	Ci.-S.	Cu.	4	Ci.-S. NW	Cu.-N. NW
26..	Calm	ESE	SW	WNW	NNW	NW	40	43.5	62.2	41.2	186.9	4	Ci.	Cu.	7	Ci.-S. WNW	Fr.-Cu. WNW
27..	Calm	Calm	SW	NWbyW	NW	Calm	22.5	42.4	84.2	29.8	178.9	2	Ci.	Cu.	3	Ci.	Cu. NW
28..	Calm	Calm	NNW	NNW	NW	Calm	18	39.1	107	34.6	198.7	3	Ci.	Cu.	2	Ci.	Cu.
29..	Calm	Calm	NNW	NNW	NNW	Calm	23.5	48.1	124.7	31.2	227.5	2	Ci.	Cu.	3	Ci.-S. NNW	Cu.-N. NNW
30..	Calm	Calm	SSW	WSW	NNW	Calm	26.8	48.8	54.7	26.9	157.2	2	Ci.	Cu.	1	.....	Cu.
31..	E	ESE	SSW	W	NWbyW	Calm	31.1	54.7	68.1	19.5	173.4	1	Ci.	Cu.	7	.....	Fr.-Cu. WSW
Mean	.....	.....	.....	.....	.....	.....	45.5	66.9	89.2	50.7	252.3	6	.....	.....	6.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,822.8	....	.....	.....	....	.....	.....

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

SEPTEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	54.86	54.92	55.50	53.93	53.99	55.86	54.84	27.1	25.5	33	31	29.7	25.7	28.7	33.5	24.7	86	90	65	73	83	97	82.3	10
2..	54.90	54.87	55.68	53.45	54.29	56.02	54.87	26	26.1	31	32.5	25.4	25.6	27.8	33.3	24.4	94	92	72	67	93	92	85	13.9
3..	54.81	54.82	55.83	55.03	55.98	56.55	55.50	25.3	25.1	30	29.5	25.8	25.6	26.9	32	24	92	87	73	71	87	85	82.5	2.2
4..	55.76	56.15	56.23	55.42	55.08	56.86	55.92	25.5	25.5	31.7	30.8	29.2	27.2	28.3	32.3	24.5	84	84	65	71	76	85	77.5	1.1
5..	56.76	56.83	57.01	55.53	55.82	57.13	56.51	25.4	25	29.3	30	26.3	25.5	26.9	31.2	23.8	91	91	77	73	90	92	85.7	.2
6..	56.44	56.56	57.05	55.89	55.94	57.40	56.55	24.8	24.6	30	30.7	28.3	25.6	27.3	31.4	24	91	91	71	70	85	93	83.5	5.5
7..	56.17	56.25	56.50	54.90	55.38	56.65	55.98	25	24.8	31.3	32.2	29.3	27.8	28.4	33	24	92	92	67	65	76	84	79.3	.....
8..	55.55	55.56	56.30	54.99	55.26	56.95	55.77	26.8	26	31	32	25.5	25.3	27.8	32.4	24.4	89	90	71	68	88	85	81.8	1.5
9..	56.09	56.32	56.84	55.22	56.11	57.45	56.34	24.6	24.3	30.7	31	24.7	24.9	26.7	32.1	23.1	88	89	71	69	90	94	83.5	48.5
10..	56.38	56.36	56.95	54.92	54.42	55.35	55.73	24.5	24.6	29.3	26	25.5	25	25.8	29.3	23.8	97	95	78	92	93	92	91.2	41.6
11..	54.07	53.76	54.69	52.90	53.47	55.70	54.10	25.5	24.2	25	27.2	26.5	25.2	25.6	28.3	22.8	91	90	96	87	88	90	90.3	33.2
12..	55.28	55.61	57.05	56.42	56.90	58.57	56.64	25	25.1	28	26.4	25.5	25	25.8	28.1	23.8	92	90	77	91	89	92	88.5	12.3
13..	57.58	57.62	58.64	57.49	58.48	59.87	58.28	24.7	24.5	31.5	30	26.7	25.1	27.1	32.3	23.6	91	87	66	75	86	92	82.8	1.5
14..	58.44	58.22	59.05	58.14	57.28	59.31	58.41	24.7	23.8	28.5	28.3	26.2	24.8	26	29.6	23	91	93	78	86	79	81	84.7	.3
15..	58.53	58.87	59.57	57.42	57.65	59.11	58.52	24.5	24.3	30	31.7	29	26.8	27.7	31.9	23.3	82	83	68	65	80	89	77.8	.....
16..	58.27	58.34	59.05	57.45	56.99	57.57	57.94	25.1	24.7	30.6	31.8	28	26.7	27.8	32	24	88	91	71	66	83	90	81.5	.....
17..	57	56.69	58.01	56.75	56.66	58.81	57.32	25.3	24.5	31	31.8	29	26.8	28.1	32.6	23.6	93	92	72	70	80	88	82.5	.....
18..	58.32	58.46	59.30	57.75	58.16	59.75	58.62	26.2	25	31.3	30	28.5	27	28	32.3	23.8	87	88	65	71	85	93	81.5	.....
19..	58.78	59	59.03	57.64	57.48	58.79	58.45	26.1	25	31.3	31.5	30.5	27	28.6	32.5	23.7	92	92	67	69	71	82	78.8	.....
20..	57.63	57.83	58.43	56.93	56.99	58.22	57.67	25.8	25	31.4	31.8	29.3	26.2	28.2	32.5	24	88	88	65	64	78	90	78.8	15.5
21..	57.51	57.58	58.58	57.35	58.68	59.53	58.20	25.5	24.7	31.7	31.7	26	25.5	27.5	32.3	23.8	90	90	71	70	84	82	81.2	.8
22..	58.65	58.48	59.13	57.63	58.28	59.20	58.56	24.8	24.5	30.2	29.5	26	25.3	26.7	31.6	23.5	86	86	72	79	85	85	82.2	.7
23..	57.77	57.57	58.25	56.67	57.03	58.23	57.59	24.6	24	30.3	31	25.2	25.6	26.8	31.7	23	89	87	74	75	88	90	83.8	.8
24..	57.48	57.22	58.16	55.67	55.94	57.88	57.06	24.8	24.4	30.2	31.5	28.7	24.3	27.3	32.5	23.4	90	91	74	69	83	93	83.3	26.3
25..	56.12	55.99	56.44	54.65	55.26	56.93	55.90	24.5	24.3	31.1	30	26.5	25.5	27	31.6	23.5	91	91	66	75	92	91	84.3	1.5
26..	55.42	55.36	56.70	55.32	56.43	57.66	56.15	24.8	24.3	29.8	31	28.9	26	27.5	31.3	23.5	91	93	76	69	78	88	82.5	2.3
27..	56.86	57.03	57.88	55.47	55.10	57.25	56.60	25	24.6	30.3	31	29.5	25.2	27.6	31.4	23.6	93	91	66	74	81	88	82.2	3.6
28..	56.12	56.24	56.75	55.05	55.49	57.20	56.14	24.9	24.5	31.2	31.4	28.7	26	27.8	32.1	23.8	89	92	72	73	83	89	83	.3
29..	56.58	56.40	57.38	56.06	56.30	57.78	56.75	25	24.8	30.2	29	27.8	24.7	26.9	30.3	23	91	92	71	77	82	93	84.3	62.8
30..	56.73	56.56	57.95	56.54	57.42	59.17	57.40	24.9	24.8	29.6	29.8	27	25.5	26.9	30.4	23.4	89	88	77	75	88	95	85.3	12.6
Mean	56.70	56.72	57.46	55.95	56.28	57.76	56.81	25.2	24.8	30.4	30.4	27.4	25.7	27.3	31.6	23.7	89.9	89.9	71.8	73.3	84.1	89.3	83.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	299

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SE	S	NNW	NWbyW	Calm	Calm	28.2	35.4	44.8	26.2	134.6	4	Ci.	Cu.	8	Ci.	Cu.-N.
2..	Calm	Calm	WNW	WSW	SE	Calm	16.1	26	58.7	33.5	134.3	8	A.-Cu. N	Cu.-N. NNE	6	Ci.	Cu.-N. WNW
3..	Calm	ESE	Calm	SSW	sEbyS	ESE	31.6	44	81.8	60.4	217.8	9	Ci.-S.ESE	S.-Cu.	10	Ci. SSW	Cu.-N.
4..	ESE	ESE	ESE	SW	Calm	SE	44.5	52.6	29	34.4	160.5	9	Ci.-S.	S.-Cu. S	10	A.-Cu. SSW	Cu.-N.
5..	S	Calm	WNW	WSW	Calm	Calm	27.4	33.2	52.8	18.2	131.6	7	Ci.	Cu.	6	.....	Fr.-Cu. WSW
6..	Calm	SE	swbyS	SW	Calm	Calm	38.1	55.7	58.2	28.4	180.4	3	Ci.	Cu.	5	Ci.	Fr.-Cu. SW
7..	Calm	ESE	Calm	SW	SSW	Calm	36	38.4	55.2	23.8	153.4	7	Ci. S	Cu.	5	Ci. S	Cu.
8..	Calm	Calm	Calm	SW	ESE	Calm	19.5	22.5	49.9	44.3	136.2	9	A.-Cu. S	Cu.	10	Ci.-S.	Cu.-N.
9..	Calm	E	NWbyN	WNW	NE	Calm	27.4	34.1	65.5	22	149	4	A.-Cu. N	Cu.	9	Ci.	Cu.-N. NNE
10..	Calm	Calm	SSW	WNW	NE	Calm	20.1	31.9	51.3	30.6	133.9	8	Ci.-S. N	Cu.-N. N	10	.....	N.
11..	SSW	SSW	Calm	WSW	SW	SSW	60.2	49.6	78.6	115.9	304.3	10	.....	Fr.-N.	10	Ci.-S.	Cu.-N. WNW
12..	S	S	SSW	SSW	swbyS	Calm	126.6	137.6	79.7	31.6	375.5	10	Ci.-S.	Cu.-N. S	10	Ci.-S.	Cu.-N. SSW
13..	SE	SE	Calm	WNW	Calm	NE	39.6	40.4	40.5	28.5	149	2	Ci.	Cu.	6	Ci.	Cu.-N.
14..	Calm	Calm	Calm	Calm	Calm	ESE	23.3	20.4	28.7	38.8	111.2	2	Ci.	S.-Cu.	10	Ci.-S.	Cu.-N. E
15..	ESE	ESE	SSW	WNW	Calm	Calm	57.7	52	47.5	16.1	173.3	2	Ci.	Cu.	1	.....	Cu.
16..	Calm	SE	Calm	NW	Calm	NW	28.8	29.6	52.3	24.1	134.8	4	Ci. S	Cu.	6	Ci.	Cu.-N.NNW
17..	Calm	Calm	WSW	WSW	Calm	Calm	20.1	43.8	38.1	19.3	121.3	3	Ci. SE	Cu.	6	Ci.	F.-Cu. SW
18..	Calm	Calm	NNW	NW	Calm	Calm	25.9	40.4	57.7	19.9	143.9	8	Ci. E	Cu.	7	Ci.-S.	Cu.-N. N
19..	ESE	ESE	NNW	WNW	Calm	Calm	29.6	47.7	77.7	31.9	186.9	2	Ci.	S.-Cu.	3	Ci.-S. NW	Cu.-N. NW
20..	Calm	WSW	Calm	WNW	Calm	Calm	22.8	42	52.9	35.4	153.1	3	Ci. W	Cu.	8	Ci. SE	Cu.-N. NE
21..	SE	SE	Calm	WbyN	ESE	NE	37.3	34	63.4	44.1	178.8	3	Ci.	Cu.	6	Ci. W	Fr.-Cu. W
22..	NE	NE	NW	WNW	Calm	Calm	39.4	44.5	63	30.4	177.3	9	Ci.-S.	S.-Cu.	8	Ci.	Cu.-N. NW
23..	SE	ENE	WNW	WSW	SE	ESE	41.5	33.2	61.8	36.8	173.3	3	Ci.	Cu.	5	Ci.-S.	Cu.-N. NW
24..	ESE	ENE	SSW	SSW	Calm	Calm	31.7	55.5	47.3	42.1	176.6	3	Ci.	Cu.	5	Ci.	Fr.-Cu. SW
25..	ENE	Calm	SW	W	Calm	Calm	24.9	40.7	42.1	27.6	135.3	4	Ci.-S. N	S.-Cu. N	8	.....	Cu.-N. SW
26..	ENE	Calm	SW	SW	Calm	W	23.1	35.6	47.2	26.2	132.1	4	Ci. N	Cu.	8	Ci.-S. SSW	Fr.-Cu. SW
27..	Calm	ENE	WSW	NW	Calm	S	27.1	31.7	65.7	52.8	177.3	6	Ci. SSW	Cu.	6	.....	Fr.-Cu.NW
28..	Calm	NNW	Calm	WSW	Calm	Calm	31.2	32	51.5	26.2	140.9	7	A.-Cu.NE	Cu.	3	Ci.-S. SW	Cu.-N.
29..	NE	NE	SSW	SW	SW	Calm	29.5	58.9	77.9	49.3	215.6	6	A.-Cu.SW	Cu.-N.	9	Ci.-S.	Cu.-N. SW
30..	S	S	SW	SW	Calm	Calm	30.1	67.9	75.4	30.4	203.8	9	Ci.-S.	Cu.-N. SSW	8	Ci.-S.	Cu.-N. SW
Mean	.....	.....	.....	.....	.....	.....	34.6	43.7	56.5	35	169.9	5.6	.....	.....	7.1	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,096	.....	.....	.....	.....	.....	.....

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

OCTOBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.57	58.30	59.38	57.42	57.10	58.63	58.23	24.8	24.5	28.7	26.8	25.8	25.2	26	29.2	23.3	93	92	76	87	89	91	88	2.4
2..	57.92	58.01	58.52	56.80	56.91	58.69	57.81	24.5	24.1	29.3	28.8	27.8	26	26.8	29.6	23	90	91	75	79	85	94	85.7	.5
3..	57.32	57.75	58.48	56.45	56.81	58.39	57.53	25	24.5	29.6	30	28.1	23.9	26.8	31	22.1	92	92	77	75	86	90	85.3	29.2
4..	57.31	57.38	57.06	55.17	55.95	57.42	56.72	24.7	24.6	30	30.2	26.1	25.6	26.9	32	24	86	87	73	73	87	91	82.8	19.2
5..	56.10	55.82	55.70	53.77	54.28	54.79	55.08	25	24.4	29.5	31	27.5	26	27.2	32	23.5	88	89	78	65	87	94	83.5	.5
6..	53.28	53.24	53.78	51.11	51.27	52.85	52.59	25.4	24.6	27.4	31.2	27.5	26.2	27	32	23.9	91	91	78	71	83	85	83.2	2.6
7..	51.78	51.87	52.57	50.38	51.32	53.01	51.82	25.2	25.2	29.9	30.5	27.1	26.2	27.4	31.4	24.6	85	83	74	72	81	85	80	.....
8..	52.91	53.32	54.85	53.03	54.07	55.18	53.89	25.5	25.1	28.7	29.5	26.5	25.4	26.8	30.4	24.2	87	88	75	68	77	80	79.2	.....
9..	55.06	56.02	57.32	55.64	56.43	57.91	56.40	24.1	22.9	29.9	30.3	27.3	25.4	26.6	30.9	22.1	85	90	72	70	85	88	81.7	.....
10..	56.98	57.20	57.91	56.08	56.69	58.07	57.16	24.3	24.3	28.9	29.3	27	26.2	26.7	30.1	23	91	90	74	76	83	87	83.5	5.2
11..	57.03	57.55	58.73	57.53	58	59.02	57.98	25.5	25.5	28.5	30.1	27.5	26	27.2	30.3	24.3	90	89	77	68	86	89	83.2	.....
12..	58.11	58.06	60.08	57.72	58.50	59.70	58.70	25.8	25.7	30.6	31.1	28.3	27.3	28.1	31.3	24.6	90	90	71	68	88	87	82.3	.1
13..	59.25	59.47	59.73	57.54	57.58	59.18	58.79	25.5	24.8	30.2	29.9	28.1	27.2	27.6	31.6	24	93	93	73	74	84	84	83.5	.....
14..	58.90	58.93	60.12	57.37	58.08	59.03	58.74	26.2	25.5	29	29.8	25.4	24.9	26.8	30.6	24.2	90	88	79	76	92	87	85.3	55.5
15..	58.04	58.06	59.69	57.19	57.98	58.87	58.30	24.3	24.2	29.3	30.8	28.5	26	27.2	31.4	23.4	91	88	76	69	83	78	80.8	.....
16..	58.01	58.27	58.81	56.84	57.74	58.40	58.01	25.1	24.5	30.3	30.1	27.3	23.9	26.9	30.8	23	84	87	73	72	86	88	81.7	3.9
17..	56.65	57.32	57.88	55.58	55.81	56.89	56.69	23.7	23	30	29.5	26.5	26.6	26.6	30.5	22.1	89	92	73	75	82	80	81.8	.....
18..	56.67	57.04	57.35	55.12	56.17	57.24	56.60	25.6	24	32	32.3	29.5	27	28.4	34	23.2	75	86	63	62	70	80	72.7	.....
19..	57.05	57.10	57.75	55.92	56.70	57.50	57	25.7	25	30.5	31.7	28.2	26.1	27.9	32.6	24	87	87	72	66	86	94	82	.....
20..	57.21	57.40	57.93	56.08	56.35	57.37	57.06	25.5	25.1	31.7	30.5	28.3	26.5	27.9	32.5	24.1	90	88	65	70	84	88	80.8	.....
21..	57.05	57.27	58.09	56.29	56.70	57.99	57.23	26.4	25.4	30.3	31.2	28.5	27.1	28.2	31.6	24.2	76	82	70	68	83	80	76.5	.....
22..	56.71	57.25	58.34	56.13	57.81	58.72	57.49	26.4	26.1	30.1	29.8	27.8	24.5	27.4	32.4	23.5	85	79	73	74	85	88	80.7	1.7
23..	57.83	57.51	58.66	57.14	58.05	58.46	57.94	24.7	24.1	29.2	31.1	28.5	26.5	27.4	31.7	23	87	91	78	69	83	90	83	.....
24..	57.43	57.96	58.48	56.44	57.33	58.26	57.65	25.7	24.8	31.5	32	29.3	26.1	28.2	32.8	24	89	92	66	66	78	85	79.3	.....
25..	57.27	57.50	57.84	55.89	56.85	57.70	57.18	25.7	24.6	32	31	29.5	27	28.3	32.9	24	84	89	66	71	80	84	79	.....
26..	56.40	56.63	57.81	56.31	56.77	57.25	56.86	26.2	25.8	30.8	28.6	26.7	25.5	27.3	33.3	24	85	87	68	80	84	84	81.3	.....
27..	56.10	56.72	57.60	55.25	55.79	57.02	56.41	25.1	24.3	31.1	31.5	28.8	26.5	27.9	32.6	23.5	83	86	66	69	86	90	80	.....
28..	56.82	57.07	58.71	57.02	57.78	59.10	57.75	25.2	24.1	30.5	31.5	28.8	27	27.8	32.3	23.6	86	91	70	66	81	82	79.3	.....
29..	58.59	58.81	59.38	57.64	58.15	59.50	58.68	25.9	25.7	32.6	32	29.3	27.7	28.9	33.8	25	84	84	63	67	81	88	77.8	.....
30..	58.47	58.40	58.70	57.35	57.59	58.54	58.18	26.3	25.1	32	32.4	29.6	26.8	28.7	33.7	24.2	87	88	66	66	74	86	77.8	.....
31..	57.67	57.83	58.45	56.61	56.87	57.77	57.53	24.8	24.5	30.8	32	29.8	26.8	28.1	32.9	23.9	90	86	68	66	79	86	79.2	.....
Mean	56.92	57.13	57.93	55.96	56.56	57.69	57.03	25.3	24.7	30.2	30.5	27.9	26.1	27.5	31.7	23.7	87.2	88.3	71.9	70.9	83.2	86.5	81.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	120.8

Day.	Wind.											Clouds.						
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.			
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.		
													Upper.	Lower.		Upper.	Lower.	
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*			
1..	NE	Calm	Calm	N	Calm	NW	31.9	22.5	45.3	22	121.7	8	A.-Cu. W	S.-Cu.	10	Ci.-S. ENE	Cu.-N.	
2..	Calm	Calm	Calm	WSW	Calm	Calm	23.9	29.6	43.7	19.8	117	8	A.-Cu. E	S.-Cu. E	8	Ci.-S. E	Cu.-N. E	
3..	NE	Calm	Calm	WNW	Calm	NW	23.3	31.1	64.9	64.1	183.4	5	Ci.-S. W	Cu.	6	.....	Fr.-Cu.	
4..	SSE	SSE	N	NW	SW	SbyW	50.9	43.8	54.2	29.2	178.1	4	Ci.	Cu.	6	Ci.-S.	Cu.-N.	ENE
5..	Calm	N	NNW	NW	Calm	Calm	26.6	70.3	46.9	13.9	157.7	8	Ci. E	Cu.	7	Ci.	Cu.-N.	NE
6..	NbyW	Calm	NNW	NNW	NbyW	NbyW	38.8	69.4	106.8	71.8	286.8	9	A.-Cu. NE	S.-Cu. NE	9	Ci.-S. NE	Cu.-N.	NE
7..	NbyW	N	NNW	N	NbyW	N	69.7	79.9	189.9	123.1	462.6	6	Ci.-S. NE	S.-Cu. NE	5	Ci.	Cu.-N.	N
8..	N	NbyW	NbyW	NbyW	N	NNW	75.1	147.8	217.2	109.7	549.8	8	Ci. N	Cu.-N.	4	Ci.-S.	Cu.-N.	NbyW
9..	NbyW	Calm	NNW	NW	NNW	Calm	34.4	39.9	62.6	23.5	160.4	9	Ci.	Cu.	8	Ci.	Cu.-N.	
10..	Calm	Calm	NNW	NNW	N	Calm	12.7	62.8	74.2	22.2	171.9	9	Ci.-S.	S.-Cu.	NNW	8	Ci.	Cu.-N.	NNW
11..	Calm	ESE	SW	Calm	NW	Calm	28	33.6	27.6	26.2	115.4	10	Ci.-S.	S.-Cu. S	10	Ci.-S.	Cu.-N.	
12..	Calm	ESE	NW	NW	NWbyW	Calm	24.6	44.6	97.1	21.4	187.7	10	A.-S. E	S.-Cu.	2	Ci.	Cu.	
13..	NW	Calm	NNW	NNW	Calm	Calm	35.1	52.3	113	17.5	217.9	6	Ci. SW	Cu.	6	Ci. N	Cu.	
14..	Calm	Calm	NW	NW	W	Calm	19.6	28.5	45.1	41.3	134.5	8	Ci.-S.	S.-Cu.	8	Ci.	Cu.-N.	NW
15..	Calm	SE	Calm	WNW	Calm	NW	51	37	42	43.8	173.8	8	A.-Cu. S	Cu.	4	Ci.	Cu.-N.	
16..	NE	NNW	WNW	NW	Calm	Calm	30.6	42.6	72.7	37.8	183.7	9	A.-S. S	S.-Cu.	9	A.-Cu. N	Cu.-N.	NW
17..	NNE	NNE	NW	NW	Calm	Calm	31.6	39.7	70.2	22.5	164	3	Ci.	Cu.	7	Ci.-S. NW	Cu.-N.	NW
18..	Calm	Calm	NbyW	NNW	WSW	Calm	24.9	35.6	67.1	34.6	162.2	2	Ci.	Cu.	3	Ci.	Fr.-Cu.	NW
19..	Calm	Calm	NW	WNW	SW	Calm	20.3	39.6	55.3	23.6	138.8	2	Ci.	S.-Cu. E	4	A.-Cu. NE	Cu.-N.	NE
20..	Calm	Calm	NW	NW	Calm	Calm	17.2	32.5	51.5	15.3	116.5	9	A.-S.	S.-Cu.	4	Ci.-S.	Cu.-N.	NE
21..	NW	Calm	NW	NW	Calm	NW	28.8	36.7	61.2	33	159.7	8	A.-Cu.	Cu.	5	Ci.-S. N	Cu.-N.	NNW
22..	ESE	ESE	WNW	Calm	NW	NW	34.9	34.1	37.8	40.8	147.6	8	Ci.-S.	S.-Cu. E	8	Ci.-S.	Cu.-N.	NW
23..	Calm	Calm	WNW	SW	Calm	Calm	34.8	30	52.3	25.2	142.3	4	Ci.	Cu.	8	Ci.	Cu.-N.	WSW
24..	Calm	Calm	Calm	SW	Calm	NE	23.3	33.5	46.2	39.9	142.9	8	Ci.	S.-Cu. N	5	Ci.	Cu.	
25..	ESE	NNE	Calm	NW	NW	ESE	36.4	40	62.5	37.3	176.2	3	Ci.	Cu.	6	Ci.-S. NW	Cu.-N.	NW
26..	ESE	ESE	WNW	NNW	Calm	Calm	43.3	38.6	32.7	41	155.6	7	Ci. N	Cu.-N.	9	.....	Cu.-N.	NNW
27..	ENE	Calm	Calm	WSW	Calm	Calm	34.6	41.8	44.8	12.6	133.8	7	Ci. W	Cu.	6	Ci. NW	Cu.-N.	
28..	Calm	Calm	WNW	WNW	Calm	NE	28.2	29.8	58.5	20.6	137.1	2	Ci.	Cu.	3	Ci.-S. NW	Fr.-Cu.	NW
29..	ESE	ESE	NW	WSW	Calm	Calm	37.8	46.1	44	21.5	149.4	3	A.-Cu. E	S.-Cu.	3	Ci.	Cu.	
30..	Calm	Calm	NWbyW	NW	Calm	Calm	22.8	33.3	49.6	18.3	124	3	Ci.	Cu.	2	Ci.-S. NNW	Fr.-Cu.	NNW
31..	Calm	Calm	NNW	NW	Calm	NbyW	27.4	46.9	49.3	23.1	146.7	1	Ci.	Cu.	1	.....	Cu.	
Mean	.....	.....	.....	.....	.....	.....	33	45	67.3	35.4	180.6	6.3	.....	.....	5.9	.....	.....	
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,599.2	....	.....	.....	....	.....	.....	

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

NOVEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.28	57.56	58.03	56.28	56.77	57.99	57.32	24.9	24.5	32.1	31.9	29	27	28.2	33.1	23.6	92	86	66	65	81	92	80.3	.....
2..	57.27	57.53	58.39	56.64	56.89	58.08	57.47	26	24.8	32	32.3	29.3	27.1	28.6	33.9	24.1	89	87	60	63	76	87	77	.....
3..	57.55	58.11	58.68	56.30	57.44	58.66	57.79	25.2	24.5	31.6	32.6	30.3	27.9	28.7	33.6	23.4	90	97	68	66	75	71	76.2	.....
4..	57.67	58.41	59.28	57.63	57.99	59.15	58.36	25.6	24.5	32	32.4	29.2	27.1	28.5	34.1	23.6	78	78	60	66	76	82	73	.....
5..	58.71	59.39	60.18	57.92	57.62	59.59	58.90	26.1	25.8	30.5	32.1	29.2	28.2	28.6	32.5	25	85	85	63	57	54	59	67.2	.....
6..	59.20	59.43	60.50	58.27	58.77	59.90	59.34	26.2	25	30	33	29	28	28.5	34.5	24	67	76	69	55	63	59	64.8	.....
7..	58.74	58.81	59.84	57.46	58.55	59.73	58.86	25.1	27.8	32.5	33.4	29.7	28.6	29.5	35	24	78	58	52	50	67	66	61.8	.....
8..	59.26	59.69	60.17	58.01	58.52	59.63	59.21	27.3	26.5	31	32.3	29.5	28.1	29.1	34.1	25.6	70	73	62	50	56	61	62	.....
9..	58	58.46	58.60	55.65	56.19	57.49	57.40	27	27	31.9	33.5	29.7	27.7	29.5	34.8	25.6	63	61	49	45	60	72	58.3	.....
10..	56.46	57.06	58.39	56.13	57.29	58.35	57.28	26.9	26.4	30.4	32.5	26.3	24.1	27.8	33.7	23.2	76	79	66	64	82	91	76.3	5.5
11..	57.35	57.60	58.40	56.24	57.59	59.52	57.78	24.1	24	29	29.7	27.4	23.7	26.3	30.1	22.6	85	83	64	63	67	77	73.2	.....
12..	59.32	59.64	60.09	57.29	58.39	60	59.12	22.9	22.5	28.7	29.3	27	24.7	25.8	30.5	22	79	81	61	66	68	73	71.3	.....
13..	59.20	60.13	61.28	58.89	58.94	60.04	59.75	25.9	24.8	30	30.6	26.7	24.2	27	31.1	23	62	67	57	58	80	82	67.7	.....
14..	58.69	59.04	59.64	57.19	57.46	58.58	58.43	22.7	21.5	29.7	31.3	26.2	24	25.9	32.1	20.8	80	87	56	55	79	80	72.8	.....
15..	57.92	58.49	59.17	56.50	56.69	58.16	57.82	23.2	22.5	28.1	28.7	26	23.4	25.3	29.7	21.9	83	84	63	66	72	77	74.2	.....
16..	57.28	57.49	58.29	55.80	56.91	58.21	57.33	23	23	29.2	29.5	27.8	27	26.6	31.1	22.1	79	79	60	61	57	55	65.2	.....
17..	57.59	58.24	58.41	56.34	56.43	57.71	57.45	24	22.5	31	30	28	24.5	26.7	32.4	21.8	74	78	51	65	80	75	70.5	.....
18..	57.11	57.29	57.74	55.99	56.75	57.04	56.99	23.7	23.5	30.1	31	27.7	25.5	26.9	32.5	22.6	73	75	58	61	79	80	71	.....
19..	56.36	56.44	57.50	55.64	56.22	57.19	56.56	24.1	23.2	28	29	26.2	25.9	26.1	30.3	22.3	77	77	64	65	71	70	70.7	.....
20..	57.20	57.89	59.01	56.93	58	59.47	58.08	25.1	24.3	26.5	27.9	25	23.8	25.4	29.2	23	72	77	66	68	74	77	72.3	.....
21..	58.68	59.63	60.01	57.78	59.01	59.93	59.17	24.5	23.2	29.8	33.2	28.4	25.7	27.5	34.5	22.2	68	77	56	46	71	75	65.5	.....
22..	59.06	59.71	60.15	58.50	58.83	59.61	59.31	24.8	24	30.6	31.1	28.5	27	27.7	33.2	23.3	81	85	59	66	76	74	73.5	.....
23..	58.76	58.81	59.63	56.74	56.96	58.56	58.24	25.7	24.8	29.5	30.7	28.5	27.5	27.8	32.3	23.8	78	82	69	66	78	81	75.7	.....
24..	58.11	58.85	58.86	55.37	56.68	58.19	57.68	26.9	26	29.6	33.6	29.8	29	29.2	34.1	24.2	74	79	64	55	56	58	64.3	.....
25..	57.30	57.74	59.31	57.64	57.81	58.02	57.97	27.9	27.7	29	28.5	26.9	25	27.5	30.1	24.5	57	57	57	68	75	82	66	.1
26..	57.65	57.77	59.06	56.59	57.51	58.59	57.86	24.9	23.5	28.5	28.9	27.3	25.6	26.4	30.6	23	77	85	67	68	75	80	75.3	.....
27..	58.28	58.38	58.64	56.03	57.19	58.55	57.84	25.3	24.5	28.4	28.5	27	25.1	26.5	30.5	23.9	83	85	71	70	77	83	78.2	.....
28..	58.31	59.07	60.31	58.21	58.45	59.85	59.03	24.2	23.2	26.2	28	25.6	24.5	25.3	29.2	22.6	86	88	78	74	81	83	81.7	.....
29..	59.42	59.90	61.28	59.36	60.09	60.61	60.11	24.1	24	25.7	28.5	25.5	24.5	25.4	31	23.2	85	86	82	75	81	83	82	1.1
30..	59.81	60.06	60.93	58.49	58.80	59.98	59.68	23.6	23.2	27	30.8	27.5	24.8	26.2	31.5	22.3	85	85	74	64	82	87	79.5	.....
Mean	58.12	58.55	59.33	57.06	57.69	58.88	58.27	25	24.4	29.6	30.8	27.8	26	27.3	32.2	23.2	77.5	78.9	63.1	62	72.3	75.7	71.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	N	NW	WNW	Calm	Calm	26.9	30.3	71.8	11.5	140.5	1	Ci.	Cu.	1	.....	Fr.-Cu.NW
2..	Calm	ESE	NNW	W	Calm	Calm	26.2	40.5	43.8	20.4	130.9	3	Ci.	Cu.	3	Ci.	Fr.-Cu.NW
3..	Calm	Calm	WNW	NW	SW	NW	23.3	34.9	60	32.4	150.6	1	Ci.	Cu.	1	.....	Cu.
4..	NW	Calm	NW	WNW	Calm	Calm	23.3	39.4	39.2	15.6	117.5	1	Ci.	Cu.	7	Ci. E	Fr.-Cu.
5..	Calm	Calm	NW	NNW	NNW	NNW	16.9	29.5	100.8	63.6	210.8	9	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu.
6..	Calm	Calm	Calm	NbyW	NNE	NNE	22	18.2	62	125.7	227.9	4	Ci.	S.-Cu.	5	Ci.	Fr.-Cu.ENE
7..	NNE	NNE	NE	NE	NW	Calm	70.3	121.8	73	35.1	300.2	8	Ci.-S.	S.-Cu.ENE	8	A.-Cu. E	Fr.-Cu. E
8..	Calm	Calm	NNW	ENE	NNW	N	16.7	49.9	137.9	82.1	286.6	10	Ci.-S. E	S.-Cu.	9	Ci.-S. E	S.-Cu.ENE
9..	N	N	NbyE	NbyE	NNE	Calm	87.2	101.9	117	61.5	367.6	3	A.-Cu.	S.-Cu.	1	.....	Cu.
10..	Calm	Calm	WNW	NNW	Calm	NW	23.5	31.4	80.7	48.1	183.7	9	A.-Cu. E	S.-Cu. E	8	Ci.-S.	Cu.-N. NE
11..	NNW	NNW	N	NNW	NW	NW	87.5	132	113.8	66.2	399.5	3	Ci.	S.-Cu.	3	Ci. E	Cu.
12..	NW	NNW	N	NNW	Calm	Calm	60.2	87.7	119.3	57.7	324.9	1	.....	S.-Cu.	1	.....	Fr.-Cu.
13..	NbyW	NbyW	NNW	NNW	NNW	Calm	72.4	68.6	102.5	30.8	274.3	1	.....	S.-Cu.	1	.....	Fr.-Cu.
14..	Calm	NNW	NNW	NNW	NNW	NNW	28.5	63.9	122.5	77.9	292.8	1	Ci.	S.-Cu.	1	.....	Fr.-Cu.
15..	N	N	NNW	NbyW	N	NbyW	57.6	150.5	182.1	77.4	467.6	3	Ci.	Cu.	2	Ci.	Fr.-Cu. N
16..	NNW	NNW	NNW	NbyW	NE	NE	109.2	120.7	121.8	86.7	438.4	2	Ci.	Cu.	1	Ci.	Cu.
17..	Calm	NEbyN	NE	NW	Calm	NW	44.3	60	56.5	43.8	204.6	3	Ci.	S.-Cu.	7	Ci. W	S.-Cu.
18..	Calm	NW	NNW	NNW	Calm	Calm	60.2	64.9	83.1	34.3	242.5	6	Ci. W	S.-Cu.	4	A.-Cu. W	Fr.-Cu.NW
19..	N	N	NbyW	NbyW	NNE	N	57.1	97.6	138.1	70.3	363.1	8	A.-Cu. N	S.-Cu.	9	A.-Cu. N	S.-Cu.
20..	NbyW	NbyW	NbyW	NbyW	NbyW	NNW	98	152.6	159.6	94.1	504.3	9	A.-Cu.	S.-Cu.	8	A.-Cu. N	S.-Cu. N
21..	NNW	NNW	N	NE	Calm	NNW	77.5	78.4	68.2	52.5	276.6	2	Ci.	S.-Cu.	4	A.-Cu.	Fr.-Cu.ENE
22..	Calm	Calm	NW	W	Calm	Calm	27.6	55	51.8	30.1	164.5	5	Ci.-S. S	S.-Cu.	8	Ci.-S.	Fr.-Cu.ENE
23..	NW	Calm	NW	NNW	Calm	Calm	17.9	37.2	55	29.5	139.6	5	Ci.	S.-Cu.	9	Ci. E	Fr.-Cu.ENE
24..	Calm	Calm	NNW	NNE	NE	NE	25.4	44.1	130.9	132	332.4	10	Ci.-S.	S.-Cu. NE	6	Ci.-S. W	Fr.-Cu.
25..	NE	NE	ENE	Calm	Calm	Calm	126	72.7	23.6	27.9	250.2	9	A.-Cu. E	S.-Cu. E	10	Ci.-S.	S.-Cu.ENE
26..	Calm	Calm	Calm	NW	SSW	Calm	31.2	24.7	47	40.7	143.6	10	Ci.-S.	S.-Cu. S	10	Ci.-S.	S.-Cu. SW
27..	Calm	Calm	NNW	NbyW	NWbyN	NW	20.1	70.6	94.1	22.2	207	9	A.-Cu. SE	S.-Cu.	9	Ci.-S.	Fr.-Cu.
28..	Calm	Calm	NW	NNW	NNW	NNW	13.9	19.9	77.2	52.1	163.1	5	Ci. N	S.-Cu.NNE	9	Ci.-S.	Fr.-Cu. E
29..	Calm	NNW	Calm	NNW	NNW	Calm	31.4	23.5	75.3	35.4	165.6	10	Ci.-S.	Cu.-N. N	10	.....	Fr.-N.ENE
30..	NNW	Calm	NWbyW	NW	NW	NW	27.6	28.4	65	43.7	164.7	9	Ci.-S. E	S.-Cu.ENE	4	Ci.	Fr.-Cu.NNE
Mean	.....	.....	.....	.....	.....	.....	47	65	89.1	53.4	254.5	5.3	.....	.....	5.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,635.6	....	.....	.....	....	.....	.....

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea. 12.2 meters; gravity correction not applied, —1.61 mm.]

DECEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.13	59.22	60.39	58.07	58.54	60.11	59.24	23.7	23.9	29.3	30	27.2	24.5	26.4	31	22.5	89	81	72	69	79	90	80	.....
2..	59.17	59.37	60	58.10	58.89	59.81	59.22	22.8	22.3	29.6	30	27.5	25.4	26.3	31	21.5	89	93	64	65	78	80	78.2	.....
3..	59.76	59.73	60.41	58.50	58.95	60.46	59.64	24.4	23.1	29	29.4	26.7	25.5	26.4	30.8	22	84	89	64	62	74	75	74.7	.....
4..	59.97	60.84	60.97	59.06	59.38	60.73	60.16	24.6	23.2	30	31.5	28.8	27.8	27.6	32.8	22	75	84	62	62	59	65	67.8	.....
5..	60.08	60.67	61.13	58.65	58.91	60.02	59.91	24.7	22.8	29.6	29.7	26	23.7	26.1	30.9	22.2	81	84	64	67	77	81	75.7	.....
6..	59.02	59.54	59.60	56.85	57.34	59.02	58.56	23	22.3	28.8	28.9	25.8	23.8	25.4	30.1	21.5	80	85	63	67	74	74	73.8	.....
7..	58.04	59.30	59.92	56.70	56.89	58.03	58.15	23.5	22.5	25	25.5	23	21.5	23.5	26.3	20.2	72	78	72	68	74	76	73.3	.....
8..	57.29	57.30	57.88	55.52	56.24	57.47	56.95	20.3	20.2	26.5	27	24.7	23.9	23.8	28.2	19.6	83	84	64	70	75	66	73.7	.....
9..	56.75	57.25	58.16	56.49	57.71	59.01	57.56	22.6	21.5	27.6	28.9	24.7	23	24.7	29.6	20.9	74	79	63	65	81	79	73.5	.....
10..	57.82	57.62	58.33	56.14	56.48	57.61	57.33	22.2	22	27.5	28.8	25.5	24.5	25.1	29.7	21.2	85	82	67	67	76	75	75.3	.....
11..	56.73	56.74	57.96	55.70	56.47	57.15	56.79	23.3	22.8	28.9	30	27.2	25.5	26.3	31.1	22	80	83	68	65	73	78	74.5	.....
12..	57.09	57.23	58.35	56.73	57.66	58.27	57.56	24.6	23.9	30.2	30.6	27	24.6	26.8	31.8	23	82	84	62	66	80	92	77.7	.....
13..	57.69	57.92	59.15	57.40	57.74	59.06	58.16	24	23.1	28.8	30	26.9	25.3	26.4	31.5	22.3	93	94	72	67	83	85	82.3	.....
14..	58.52	58.67	59.81	57.73	58.07	59.31	58.68	24.3	23.5	29	29.8	26.2	24.8	26.3	31	22.6	83	87	72	69	83	83	79.5	.....
15..	58.66	58.83	59.32	56.98	57.77	59.02	58.43	23.5	23.3	28.2	29.1	26.3	24.4	25.8	30.1	21.9	86	84	66	65	71	74	74.3	.....
16..	58.42	58.39	58.62	56.70	57.15	57.75	57.84	23.2	22.1	29.5	29.7	27.5	25.5	26.2	31.2	21.3	77	81	61	61	72	82	72.3	.....
17..	57.92	58.23	59.11	56.93	57.27	58.80	58.04	24.2	23.5	29.5	29.8	26.1	24.1	26.2	30.5	22.4	83	83	68	68	83	78	77.2	.....
18..	58.92	59.07	59.72	57.74	58.72	60.20	59.06	23.1	21.5	27.8	29.1	25.8	23.5	25.1	30.2	20.9	83	91	64	64	69	75	74.3	.....
19..	59.57	59.93	60.59	58.26	58.94	59.54	59.47	23	23	27.5	28.5	26.9	26.6	25.9	29.7	21.9	78	76	65	64	60	55	66.3	.....
20..	58.66	58.86	59.59	57.42	58.05	58.97	58.59	26.1	23.8	30.4	30.6	28.3	24.8	27.3	32.7	22.6	58	71	54	62	58	72	62.5	.....
21..	58.38	58.82	59.54	56.93	57.64	59.04	58.39	24	23.6	29.3	28.7	27	26.3	26.5	30.4	22.9	77	77	66	73	79	84	76	.....
22..	58.35	58.51	59.95	57.74	58.17	59.09	58.64	25.3	24	29.9	29.5	27	24.6	26.7	30.8	23	86	87	64	71	80	91	79.8	.....
23..	58.02	58.47	59.10	56.85	57.98	59.52	58.32	23.1	23	29.6	29.5	25	24	25.7	31.2	22.3	94	89	66	65	77	75	77.7	.....
24..	59.01	58.97	59.66	56.55	56.70	58.47	58.23	23	22.1	25.9	28.2	25	23.3	24.6	29.1	21.5	78	78	69	66	76	75	73.7	.....
25..	57.84	57.87	58.80	56.04	55.95	57.10	57.27	23.3	22.5	28.3	29.3	27	25.7	26	31.1	21.4	72	75	52	57	53	55	60.7	.....
26..	56.81	57.26	58.57	56.35	56.90	57.89	57.30	25.7	23.5	29	28	24.8	21.5	25.4	29.8	20.4	55	72	54	61	72	78	65.3	.....
27..	57.79	58.34	59.27	56.94	57.24	58.83	58.07	21.3	20.7	26.4	29.3	25.2	23.5	24.4	29.7	19.6	72	71	55	46	53	56	58.8	.....
28..	58.60	58.48	59.37	57.65	57.75	59.12	58.50	23.3	21.5	27.3	27.5	25.4	24.2	24.9	29	20.6	54	66	50	57	58	60	57.5	.....
29..	59.10	59.44	60.35	58.28	58.32	59.65	59.19	22.6	21.7	24.1	26	23	22.1	23.2	27	21.1	71	75	67	64	70	67	69	.....
30..	59.24	59.56	60.26	57.57	57.84	59.56	59	21.3	21	25.5	27.3	25.2	23.6	24	29.5	20.2	73	74	61	64	53	55	63.3	.....
31..	59.33	59.45	60.49	58.14	58.40	60	59.30	23.3	23	27.2	28.7	26	24.8	25.5	29.9	21.6	56	56	45	50	58	60	54.2	.....
Mean	58.44	58.71	59.50	57.25	57.74	58.99	58.44	23.5	22.6	28.2	29	26.1	24.4	25.6	30.2	21.6	77.5	80.4	63.1	64.1	71.2	73.9	71.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0

Day.	Wind.												Mean force.	Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	Calm	....	SSW	2	Calm	....	NW	2	Calm	....	Calm	....	0.7	8	A.-Cu. W	S.-Cu.	3	.....	Fr.-Cu. NNW
2..	Calm	....	Calm	....	WNW	2	NW	2	Calm	....	Calm	....	.7	1	Ci.	S.-Cu.	1	.....	Cu.
3..	Calm	....	Calm	....	NNW	3	NNW	4	NWbyN	2	Calm	....	1.5	1	Ci.-Cu.	Cu.	1	.....	Cu.
4..	Calm	....	Calm	....	NNW	3	NW	3	NE	3	Calm	....	1.5	0	Ci.	S.-Cu.	1	.....	Fr.-Cu. E
5..	NNW	2	Calm	....	NW	3	N	5	N	3	NW	2	2.5	1	.....	S.-Cu.	2	Ci.	Fr.-Cu. N
6..	Calm	....	Calm	....	N	3	NbyW	5	NbyW	3	NbyW	3	2.3	1	.....	S.-Cu.	1	.....	Fr.-Cu. N
7..	N	5	NNE	5	NbyW	5	NbyW	5	N	3	N	3	4.3	8	Ci.-S. N	Cu. N	7	Ci.	Fr.-Cu. N
8..	NNW	2	NNW	2	NNW	2	NNW	3	N	2	N	2	2.2	5	Ci.	S.-Cu.	7	Ci.	Fr.-Cu.
9..	Calm	....	Calm	....	N	3	NbyW	4	NNW	3	NNW	2	2	9	Ci.	S.-Cu.	3	Ci.	Fr.-Cu. NNE
10..	NNW	2	NNW	2	NNW	3	N	4	NbyW	3	Calm	....	2.3	4	Ci. E	S.-Cu.	7	Ci.-S. E	Fr.-Cu.
11..	Calm	....	Calm	....	NW	2	WNW	2	Calm	....	SE	2	1	3	A.-Cu. S	S.-Cu.	3	Ci.	Fr.-Cu.
12..	ESE	2	ESE	2	WSW	2	WNW	2	Calm	....	Calm	....	1.3	8	A.-Cu. S	S.-Cu.	3	Ci.	Cu.-N.
13..	Calm	....	Calm	....	NW	2	NW	3	Calm	....	Calm	....	.8	1	Ci.	Cu.	3	Ci.-S. NW	Cu.-N. NW
14..	Calm	....	NNE	2	NNW	2	NNW	3	NNW	3	NNW	2	2	4	A.-Cu.	Cu.	2	Ci.-S. NNW	Cu.-N. NNW
15..	NNE	2	NNE	2	NbyW	3	NNW	5	NNE	3	NNW	2	2.8	1	Ci.	S.-Cu.	3	Ci.	Cu.
16..	Calm	....	NWbyN	1	NW	2	WbyN	2	Calm	....	Calm	....	.8	1	Ci.	S.-Cu.	5	Ci.	Cu.-N.
17..	ESE	2	SEbyE	2	NNW	2	NNW	3	N	3	NW	2	2.3	2	Ci.	Cu.	1	Ci.	Cu.
18..	Calm	....	Calm	....	N	3	N	5	N	3	NW	3	2.3	1	Ci.	S.-Cu.	2	Ci. E	Fr.-Cu. ENE
19..	NbyW	2	NbyW	3	NbyW	5	N	5	NbyE	3	NW	3	3.5	2	Ci.	Cu.	4	Ci. E	Fr.-Cu. E
20..	NNW	2	Calm	....	NE	3	W	2	SE	3	Calm	....	1.7	1	Ci.	S.-Cu.	7	A.-Cu. SW	Fr.-Cu.
21..	Calm	....	N	2	NW	3	NW	3	Calm	....	Calm	....	1.3	1	Ci.	S.-Cu.	3	Ci.	Fr.-Cu. NE
22..	Calm	....	Calm	....	NW	2	NW	3	Calm	....	Calm	....	.8	3	Ci.-S.	S.-Cu.	4	Ci.	Fr.-Cu. NW
23..	NNW	2	NNE	2	NNW	3	NNW	5	N	4	NNW	3	3.2	3	Ci.	S.-Cu.	4	Ci. W	Fr.-Cu. NNW
24..	NNW	3	N	3	NNW	3	N	3	NNW	3	Calm	....	2.5	4	Ci.	S.-Cu.	9	Ci.-S.	S.-Cu.
25..	NNE	2	NNE	2	NbyE	2	NbyW	3	ENE	2	ENE	3	2.3	4	A.-Cu.	S.-Cu.	5	Ci. SSW	Fr.-Cu.
26..	ENE	3	Calm	....	NNW	2	NNW	4	N	2	NbyW	2	2.2	3	Ci.	S.-Cu. NNE	4	Ci. E	Fr.-Cu.
27..	NNW	3	NNW	2	NNW	3	ESE	4	NNE	3	NE	2	2.8	2	Ci.-S.	S.-Cu.	6	A.-Cu. S	Cu.
28..	ENE	2	Calm	....	NNW	2	WNW	2	NNW	2	Calm	....	1.3	2	Ci.	S.-Cu.	10	A.-S.	S.-Cu.
29..	Calm	....	WNW	1	NNW	3	NNW	4	NbyW	2	NNW	2	2	9	Ci.-S.	S.-Cu.	9	A.-Cu. SSW	S.-Cu. SSW
30..	NNW	2	NNW	2	NW	2	NNW	3	ENE	4	ENE	5	3	8	Ci.-S.	S.-Cu.	4	Ci. NbyE	Cu.
31..	ENE	3	NNE	2	ENE	3	NW	2	Calm	....	ESE	2	2	9	A.-Cu. SbyW	S.-Cu. SbyW	6	Ci.-S. SW	Fr.-Cu. SW
Mean	.....	1.3	.....	1.3	.....	2.6	.....	3.4	.....	2	.....	1.5	2	3.5	.....	.....	6.2	.....	.....

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

JANUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.54	59.75	61.29	58.34	58.47	59.78	59.53	23.5	22.5	25.2	28.2	25.8	23.5	24.8	29.5	21.7	93	93	83	77	85	94	87.5	.....
2..	59.25	59.59	60.96	58.59	59.18	61.02	59.76	22.6	22	25.6	29.5	25	23	24.6	29.8	21.8	96	97	87	70	85	93	88	10.9
3..	60.22	61.28	63.13	61.34	62.10	63.42	61.92	22.5	22	24	25.8	22.9	22	23.2	26.5	21.5	94	94	86	81	81	85	86.8	.....
4..	63.37	63.83	65.74	64.09	64.78	66.25	64.68	21.5	20.8	23.8	24.2	22.1	21.5	22.3	25.1	20.2	87	91	82	78	81	85	84	.....
5..	65.88	66.76	68.10	65.97	66.12	67.28	66.68	20.6	20	23	25	21.9	19.8	21.7	25.8	19.6	86	89	80	72	85	98	85	.....
6..	66.89	66.92	67.94	65.01	64.81	65.59	66.19	19.7	19.7	22	26.8	23.5	21.3	22.2	27.2	19.4	98	93	86	65	84	93	86.5	.....
7..	64.50	64.86	65.52	62.80	63.03	64.39	64.18	19.8	19.1	24.6	30.3	25.1	22.2	23.5	30.5	18.6	91	94	80	58	77	89	81.5	.....
8..	64.32	64.67	66.51	64.99	66.24	67.72	65.74	20.9	20.8	24.3	24.5	21.3	20.1	22	25.6	19.9	93	96	86	82	88	91	89.3	.....
9..	67.27	67.59	69.05	66.87	67.20	68.44	67.74	19.8	19.6	23.2	24.8	21	20.4	21.5	25.5	19	90	90	75	77	83	85	83.3	.....
10..	68.14	68.17	69.33	67.36	67.68	69.11	68.30	20	20	23.6	24.5	21.3	19.8	21.5	25.2	19.4	87	87	71	66	79	84	79	.....
11..	68.91	69.03	69.47	67.10	67.54	68.16	68.37	20.1	19.6	22.1	23	19.7	19.1	20.6	24	18.6	81	77	73	67	86	89	78.8	.....
12..	66.69	66.86	67.13	64.94	64.57	65.25	65.91	18.9	18.6	20.6	24	22.4	21	20.9	25.6	18.3	91	94	91	73	88	95	88.7	3.6
13..	64.45	64.67	65.29	62.83	63.17	64.12	64.09	20.8	20.6	22.2	25.4	24.2	22.5	22.6	25.8	20.4	95	97	89	81	90	96	91.3	11.2
14..	62.75	63.24	63.70	61.35	61.48	62.82	62.56	22.1	22	23.6	28.5	25.6	23.1	24.2	30	21.7	97	95	91	69	84	96	88.7	.....
15..	62.12	62.42	62.99	62.02	62.13	63.26	62.49	22.3	21.8	25.8	23	21.1	21.2	22.5	26	20.5	96	96	81	87	92	85	89.5	7.2
16..	62.93	63.19	64.87	62.21	62.32	63.24	63.13	20.4	20	23	25.6	22.8	21.5	22.2	26.3	19.5	90	91	78	72	80	91	83.7	.....
17..	62.19	62.53	63.48	60.66	60.94	61.57	61.90	20.9	20.4	22.6	27.8	24.5	22.4	23.1	28.1	19.6	95	96	88	72	84	88	87.2	.....
18..	61.47	62.15	62.89	60.19	61.16	62.62	61.75	21.3	20.4	24.6	25.6	22.2	21.5	22.6	26.5	20	90	92	79	74	81	83	83.2	.....
19..	61.57	62.29	63.22	60.28	60.72	61.94	61.67	20.7	20.5	23	25.1	22.4	21.2	22.2	25.5	20	91	91	79	73	90	89	85.5	.....
20..	61.40	61.57	62.22	59.89	60.12	61.16	61.06	20.6	20.8	24.4	25.3	22.8	21	22.5	26.6	20.1	95	91	72	74	80	89	83.5	.....
21..	60.67	60.78	62	60.31	60.54	61.62	60.99	20.9	20.6	24.9	26	22.4	21.4	22.7	27	20.1	90	90	73	67	75	82	79.5	.....
22..	60.46	61.63	62.23	60.15	60.34	61.18	61	21	20	23	25.5	23.5	21.5	22.4	26.4	19.9	83	91	80	70	83	89	82.7	.....
23..	60.52	60.98	61.84	59.43	59.48	60.65	60.48	20.7	19.6	24.5	29.5	26.2	22.5	23.8	30.6	18.5	95	96	79	61	79	88	83	.....
24..	60.60	61.60	62.79	61.42	61.67	62.62	61.78	22	21.7	25.8	26.1	22	21	23.1	27.3	20.6	82	80	67	65	78	82	75.7	.....
25..	62.05	62.34	63.20	61.68	61.89	62.84	62.33	20.1	19.4	23	24.5	23.5	20.4	21.8	26.5	19	87	89	75	73	83	95	83.7	.....
26..	62.09	62.39	62.94	60.47	60.37	61.26	61.59	19	19	24.6	28.7	25.6	22.7	23.3	30	18.4	96	95	83	60	80	86	83.3	.....
27..	60.83	61.64	62.49	59.42	59.74	60.88	60.83	21	21.1	25.3	30	26	23	24.4	30.3	20.8	97	95	79	65	78	96	85	.....
28..	60	60.24	61.54	59.02	60.23	61.42	60.41	22.1	21.8	25.6	27.7	24.3	22.4	24	29.9	21.5	96	96	80	62	72	86	82	.....
29..	60.90	61.42	63	61.26	61.92	63.46	61.99	21.2	20.4	23	24.1	22	20.4	21.8	24.7	19.4	91	94	75	71	81	82	82.3	.....
30..	62.41	62.96	64	60.79	60.48	61.59	62.10	19.6	18.8	22.6	25.8	23.4	20.5	21.8	26.5	18.3	88	92	78	64	76	91	81.5	.....
31..	60.66	60.99	61.88	59.28	60.36	62.45	60.94	20.2	19.1	26	29.2	21.2	19.4	22.5	29.7	18.8	91	95	72	57	84	89	81.3	.....
Mean	62.74	63.17	64.22	61.94	62.29	63.46	62.97	20.9	20.4	23.9	26.3	23.2	21.4	22.7	27.2	19.8	91.4	92.2	79.9	70.4	82.3	89.2	84.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	32.9

Day.	Wind.													Clouds.						
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			6 p. m.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction.		Amount.	Form and direction.		
															Upper.	Lower.		Upper.	Lower.	
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*			
1..	Calm	....	NE	1	NNE	2	NE	1	N	1	NE	1	1	10	.....	N. N	8	.....	S.-Cu.	N
2..	N	1	Calm	....	Calm	....	NE	2	NE	3	NE	2	1.3	2	.....	S.-Cu.	3	.....	Cu.	
3..	NE	2	NE	4	NW	3	N	3	NW	4	NE	3	3.2	10	.....	Cu.-N. N	8	.....	Cu.-N.	N
4..	NE	1	N	1	NW	1	NE	2	N	3	N	4	2	9	.....	S.-Cu. E	10	.....	Cu.-N.	N
5..	N	4	NE	3	NE	3	Calm	....	NE	1	NE	1	2	10	.....	S.-Cu. N	7	Ci.	S.-Cu.	N
6..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	10	.....	S.-Cu. N	6	Ci.	Cu.	E
7..	Calm	....	Calm	....	E	1	SE	2	Calm	....	Calm	....	.5	3	.....	S.-Cu.	5	Ci.	Cu.	S
8..	NW	1	Calm	....	NW	2	NW	3	NW	4	N	4	2.3	5	.....	S.-Cu. NE	7	Ci.	S.-Cu.	NW
9..	N	3	NW	2	NE	3	N	3	NW	3	N	3	2.8	8	.....	S.-Cu. N	8	Ci.	S.-Cu.	N
10..	NE	2	NE	3	NE	4	NE	4	NE	4	N	5	3.7	8	.....	S.-Cu. N	7	.....	S.-Cu.	N
11..	NE	5	NW	3	NE	3	NW	3	NW	3	NNE	2	3.2	8	.....	S.-Cu. N	10	.....	Cu.-N.	N
12..	N	2	Calm	....	Calm	....	NW	1	NW	1	NW	1	.8	10	.....	S.-Cu. N	6	.....	Cu.	NW
13..	Calm	....	Calm	....	Calm	....	NW	1	Calm	....	Calm	....	.2	10	.....	N.	10	.....	Cu.-N.	
14..	Calm	....	Calm	....	Calm	....	N	1	Calm	....	Calm	....	.2	10	.....	N.	8	.....	S.-Cu.	N
15..	Calm	....	Calm	....	NW	1	NW	3	NW	3	NW	4	1.8	10	.....	N.	10	.....	N.	
16..	N	2	NW	1	Calm	....	N	3	NE	2	N	1	1.5	10	.....	S.-Cu. N	10	.....	Cu.-N.	N
17..	NE	1	NW	1	Calm	....	N	1	NW	1	NW	2	1	6	.....	S.-Cu. E	6	.....	Cu.	
18..	NE	1	N	1	N	2	NE	3	NE	3	N	3	2.2	5	.....	S.-Cu. N	9	.....	S.-Cu.	E
19..	NE	1	NE	1	NNE	1	N	2	NE	1	NE	2	1.3	10	.....	S.-Cu. E	7	.....	S.-Cu.	N
20..	NE	2	NW	1	NW	2	NW	1	N	1	N	1	1.3	10	.....	N.	6	.....	S.-Cu.	N
21..	NNW	1	NW	2	NE	2	NE	2	NE	3	NE	3	2.2	8	.....	S.-Cu. NE	8	.....	S.-Cu.	N
22..	Calm	....	Calm	....	Calm	....	SW	1	Calm	....	Calm	....	.2	10	.....	S.-Cu.	10	.....	Cu.-N.	S
23..	N	1	Calm	....	Calm	....	NE	1	Calm	....	NW	2	.7	7	.....	S.-Cu. N	7	.....	Cu.	N
24..	NW	3	NW	3	NW	3	NW	3	NW	2	NW	1	2.5	6	.....	S.-Cu. NE	10	.....	S.-Cu.	E
25..	N	2	NW	1	Calm	....	NW	1	Calm	....	Calm	....	.7	6	.....	S.-Cu.	10	.....	Cu.-N.	N
26..	NE	1	Calm	....	S	1	Calm	....	Calm	....	NE	1	.5	7	.....	S.-Cu. NE	7	.....	S.-Cu.	S
27..	Calm	....	Calm	....	Calm	....	SW	1	Calm	....	Calm	....	.2	8	.....	S.-Cu. NW	8	.....	Cu.-N.	S
28..	NNW	2	Calm	....	NW	1	NW	3	NW	2	NW	2	1.7	8	.....	S.-Cu. SW	6	.....	Cu.	N
29..	N	2	NW	2	NW	2	NW	3	NW	3	NW	3	2.5	10	.....	S.-Cu. NW	10	.....	Cu.-N.	N
30..	N	2	NW	1	NW	1	NW	1	NW	1	Calm	....	1	10	.....	S.-Cu. N	7	.....	Cu.	S
31..	Calm	....	Calm	....	Calm	....	NW	1	NW	4	NW	4	1.5	5	.....	S.-Cu.	4	.....	Cu.	N
Mean	.....	1.4	.....	1	.....	1.2	.....	1.8	.....	1.7	.....	1.8	1.5	8	.....	.....	7.7	.....	.....	

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 22 meters; gravity correction not applied, —1.61 mm.]

FEBRUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	61.91	62.19	63.60	60.71	60.63	61.97	61.84	19.3	19.2	23.2	26	21.5	20.2	21.6	26.8	18.2	88	88	73	62	82	84	79.5	.....
2..	61.22	61.90	62.73	60.87	61.14	62.73	61.76	19	19	22.6	26.6	22.8	20.7	21.8	27.5	18.5	89	90	78	62	78	85	80.3	.....
3..	61.80	62.13	63.39	61.75	61.78	63.42	62.38	20.2	20	23.6	26.4	22.8	19.6	22.1	27.7	18.7	93	91	81	68	80	94	84.5	.....
4..	63.22	63.27	64.78	62.65	63	64.52	63.57	18.8	19	22.5	23.4	20.5	19.5	20.6	26.3	18.8	97	100	87	90	91	93	93	3.3
5..	64.21	64.56	66.01	64.45	64.52	65.98	64.95	19.4	19.3	22	24	20.8	19.7	20.9	25.6	18.6	92	91	82	69	77	90	83.5	.....
6..	65.42	65.73	66.02	63.91	63.92	65.09	65.02	19.2	19	22	27.5	25	22	22.4	30.2	18.5	95	95	84	62	76	86	83	.....
7..	63.89	64.04	64.02	60.94	61.08	62.21	62.70	20.4	19.2	25.9	31	27.1	24.7	24.7	31.6	18.7	95	95	73	50	68	82	77.2	.....
8..	62.04	61.85	62.33	60.11	60.85	62.40	61.60	23.1	21.2	26.4	32.2	24.8	23	25.1	33	20.7	88	93	74	50	89	89	80.5	.....
9..	61.89	62.49	63.42	62.19	62.70	63.86	62.76	22.3	21.5	24.3	26.3	21.6	19.1	22.5	27.8	18.2	90	90	82	67	88	86	83.8	.....
10..	62.72	63.95	65.59	63.31	63.18	64.37	63.85	18.8	18.4	20	24.5	21.6	19.4	20.4	25.5	17.4	85	86	91	68	74	82	81	.....
11..	63.85	64.24	64.51	61.93	61.62	62.51	63.11	18.4	18.6	23.5	26.5	24.6	22.8	22.4	27.8	17.6	88	89	67	55	67	74	73.3	.....
12..	62.30	62.90	63.84	61.58	62.35	64	62.83	20.5	17.4	25.7	31.5	24.6	21.8	23.6	32.8	17.2	84	92	68	48	75	81	74.7	.....
13..	63.80	64.71	66.31	64.49	65.20	66.80	65.22	20.7	20.2	23	23.8	20.4	19.4	21.2	26.7	19.3	81	75	66	62	80	78	73.7	.....
14..	66.50	66.35	66.62	64.68	64.90	66.10	65.86	19.2	19	23.7	25	21.7	20.1	21.4	26.7	18.1	81	77	63	58	72	81	72	.....
15..	65.41	64.95	65.09	61.58	61.48	62.49	63.50	18.9	19	24.2	30	27.1	24.2	23.9	30.9	18.3	84	86	68	50	65	79	72	.....
16..	61.82	62.01	62.23	59	59.50	60.93	60.91	22.3	20.8	27.3	33.5	24	22.6	25.1	33.7	20.6	83	89	68	50	84	91	77.5	8.2
17..	60.59	60.75	62.25	60	59.69	60.36	60.61	21.5	21.1	23	25.3	24	21.6	22.8	26.4	20.6	91	90	88	78	78	90	85.8	.....
18..	59.36	59.56	60.17	57.43	57.90	58.72	58.86	21	20.8	26	30.8	24.1	22.7	24.2	31.7	20.4	93	93	73	55	88	94	82.7	1.3
19..	57.72	58.15	59.75	57.25	57.76	59.86	58.41	22.3	22.2	25.1	31.1	25.8	24.4	25.2	31.5	21.8	94	94	79	53	78	82	80	.....
20..	59.82	60.86	62.77	61.48	62.04	63.64	61.77	22.3	21.1	25.2	26.5	22.4	21	23.1	28.7	20.4	82	82	60	54	68	68	69	.....
21..	63.44	63.55	65.09	63.07	62.89	64.05	63.68	20.6	19.9	22.4	26.3	23.3	21.7	22.4	26.8	19.3	70	79	74	60	64	74	70.2	.....
22..	63.60	63.92	64.66	62.01	61.58	62.83	63.10	20	19.5	22.4	28.5	25	21	22.7	29.1	19	86	90	77	51	66	85	75.8	.....
23..	62.24	62.52	62.91	59.76	59.38	60.42	61.21	18.1	16.8	24	30	27.4	22.3	23.1	32.4	16.5	88	93	79	49	56	80	74.2	.....
24..	59.64	60.43	61.80	58.97	58.41	60.01	59.88	20.1	19.4	25.6	31.1	28	22.2	24.4	32.2	19	87	91	69	46	52	84	71.5	.....
25..	59.80	60.29	61.38	58.48	58.25	59.65	59.64	21	20	26.2	31.4	29	23.3	25.2	32.6	19.5	89	93	75	47	58	89	75.2	.....
26..	59.40	59.80	60.37	57.23	57.03	58.34	58.69	22.6	20.7	27.8	34.1	30.5	24.7	26.7	34.6	20.5	89	94	68	43	55	83	72	.....
27..	58.05	58.86	59.65	56.43	56.83	57.93	57.96	22.5	20.4	28	34.8	31.6	24.9	27	35.1	20	84	92	73	42	51	80	70.3	.....
28..	57.44	58.56	59.74	57.23	57.14	58.78	58.15	22.2	19.6	27.8	34.6	29.9	25	26.5	35.4	19.4	84	93	62	45	63	85	72	.....
Mean	61.90	62.30	63.25	60.84	60.96	62.28	61.92	20.5	19.7	24.4	28.7	24.7	21.9	23.3	29.9	19.1	87.5	89.7	74.4	56.9	72.2	83.9	77.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12.8

Day.	Wind.													Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	NW	4	NW	2	NW	1	Calm	....	NW	1	N	1	1.5	10	.....	S.-Cu. N	7	.....	S.-Cu. S
2..	NW	1	N	1	NW	1	NW	1	Calm	....	NW	1	.8	7	.....	S.-Cu. NW	7	.....	Cu. NW
3..	Calm	....	Calm	....	Calm	....	NE	1	NW	1	NW	3	.8	10	.....	S.-Cu. N	8	.....	S.-Cu. NE
4..	NNE	4	Calm	....	Calm	....	NW	2	NW	2	NE	3	1.8	10	.....	N.	10	.....	N. W
5..	NW	3	NW	2	NW	2	NE	3	NW	3	NW	1	2.3	10	.....	Cu.-N.NW	10	.....	S.-Cu. N
6..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	10	.....	N.	10	.....	S.-Cu. N
7..	Calm	....	Calm	....	SE	1	SE	2	SE	1	SE	1	.8	10	.....	S.-Cu. NE	4	.....	Cu. S
8..	Calm	....	Calm	....	Calm	....	NE	1	NW	2	N	2	.8	7	.....	S.-Cu.	5	.....	Cu. N
9..	Calm	....	Calm	....	NW	2	NE	3	NW	4	NW	1	1.7	8	.....	S.-Cu. N	5	.....	Cu. N
10..	Calm	....	Calm	....	Calm	....	N	1	W	1	Calm	....	.3	9	.....	S.-Cu. N	7	.....	Cu.-N. N
11..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	8	.....	S.-Cu. SE	10	.....	S.-Cu. SE
12..	Calm	....	Calm	....	S	1	Calm	....	NE	3	NE	4	1.3	0	.....	.....	5	Ci.	Cu. S
13..	NW	5	NW	5	N	4	NW	4	NE	5	NW	6	4.8	10	.....	S.-Cu. N	10	.....	S.-Cu. N
14..	NE	3	NNW	2	NE	1	NE	1	Calm	....	Calm	....	1.2	8	.....	S.-Cu. N	8	.....	S.-Cu. E
15..	Calm	....	Calm	....	SE	1	S	1	Calm	....	Calm	....	.3	6	.....	S.-Cu. S	6	A.-Cu. SE	Cu. S
16..	Calm	....	Calm	....	SE	2	SW	1	NW	1	NW	1	.8	9	A.-Cu.	S.-Cu. S	7	.....	Cu. SW
17..	N	2	Calm	....	NW	2	NNE	1	NW	1	Calm	....	1	10	.....	Cu.-N. N	7	.....	Cu.-N. W
18..	Calm	....	Calm	....	SW	1	SE	1	SE	2	Calm	....	.7	8	.....	S.-Cu. S	6	.....	Cu. SE
19..	SE	1	Calm	....	E	1	N	2	NW	1	NE	1	1	10	.....	N.	6	.....	Cu. N
20..	N	2	N	1	NE	3	NE	3	NE	3	N	3	2.5	7	.....	S.-Cu. N	8	.....	S.-Cu. SE
21..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	10	.....	S.-Cu. N	7	.....	Cu.-N. SE
22..	Calm	....	Calm	....	Calm	....	SE	1	Calm	....	Calm	....	.2	10	.....	S.-Cu. SE	6	.....	Cu. SE
23..	Calm	....	Calm	....	Calm	....	S	1	SE	1	Calm	....	.3	0	.....	.....	3	Ci.-Cu.	Cu.
24..	Calm	....	Calm	....	SSW	1	S	1	Calm	....	S	1	.5	6	.....	S.-Cu. S	5	.....	Cu. S
25..	Calm	....	Calm	....	Calm	....	SE	1	SE	1	S	1	.5	1	.....	S.-Cu.	6	.....	Cu. S
26..	S	1	Calm	....	Calm	....	SW	2	S	2	Calm	....	.8	0	.....	.....	4	.....	Fr.-Cu.SE
27..	Calm	....	Calm	....	S	1	SW	1	Calm	....	Calm	....	.3	2	Ci.	.....	1	.....	Fr.-Cu.
28..	Calm	....	Calm	....	Calm	....	SE	1	N	2	NW	1	.7	0	.....	.....	6	.....	Cu. S
Mean	.....	0.9	.....	0.5	.....	0.9	.....	1.3	.....	1.3	.....	1.1	1	7	.....	.....	6.6	.....	.....

NOTE.—Beginning with February 1, 6 p. m. the height of the barometer above sea level was 22 meters.

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 22 meters; gravity correction not applied, —1.61 mm.]

MARCH, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.75	59.51	60.77	57.75	58.50	60.28	59.26	23.7	23.8	27.6	32.4	25.6	23.1	26	34.4	21.6	89	89	76	59	77	81	78.5	.....
2..	60.29	60.68	61.45	59.15	58.70	59.66	59.99	21.4	21.1	25.5	27.2	26.5	23.5	24.2	29.1	20.5	82	83	74	78	77	91	80.8	.....
3..	59.25	59.77	60.32	57.14	57.21	59.36	58.84	23.2	22.8	28.8	35	28	25.4	27.2	35.6	21.5	91	91	65	43	70	84	74	.....
4..	58.86	59.26	60.11	57.36	57.57	59.37	58.75	24.9	24.3	31	32.6	26.5	24.3	27.3	34.1	23.2	90	89	57	52	69	85	73.7	.....
5..	58.84	59.46	60.85	58.46	58.02	59.67	59.22	23.2	23	25.9	29.2	26.8	23.5	25.3	31.7	22.5	96	95	85	70	74	86	84.3	.....
6..	59.53	59.87	60.54	58.18	58.71	60.48	59.55	22.7	21.4	28.5	35	27.3	24.6	26.6	35.4	20.5	89	92	68	46	72	85	75.3	.....
7..	59.55	60.70	61.87	59.66	59.53	60.23	60.26	23.2	22.8	28.2	31.2	25.4	24.4	25.9	32.2	22.5	96	97	67	61	81	87	81.5	3
8..	59.85	60.04	60.69	57.66	57.22	59	59.08	23.6	23.4	27.6	32.8	28.5	24.1	26.7	33.4	21.8	97	98	73	51	69	82	78.3	.....
9..	58.47	59.24	59.79	57.15	57.25	59.30	58.53	21.2	20.2	28.1	35.2	30.4	25.8	26.8	36	20	87	93	64	37	59	78	69.7	.....
10..	59.05	60.07	61.38	58.24	58.06	60.04	59.47	23.5	21.6	28.1	33.7	28.4	25	26.7	35.1	21.6	95	97	70	49	63	75	74.8	.....
11..	59.82	60.33	61.51	58.96	58.83	59.50	59.83	22.3	21.7	29	33	27.9	24.4	26.4	33.2	21.4	89	89	66	64	61	83	75.3	.....
12..	59.16	59.97	60.38	57.41	57.03	58.53	58.75	22.1	20	29.6	34.4	30.7	25.9	27.1	35.1	19.7	88	95	62	40	53	75	68.8	.....
13..	58.17	59.45	60.11	57.67	57.74	60.09	58.87	23	21.4	29.5	35	31.3	25.7	27.6	36.6	20.8	83	92	53	39	49	77	65.5	.....
14..	59.75	60.05	60.86	58.39	58.37	60.82	59.71	23.5	22.6	30	36.7	31.7	26.5	28.5	37.5	21.9	85	88	62	39	54	76	67.3	.....
15..	60.72	62.03	63.72	61.04	61.48	63.35	62.06	24.7	22.5	30.1	31.6	27	23.4	26.6	35.2	21.8	87	90	55	42	65	87	71	3.8
16..	62.65	63.40	63.84	61.38	61.50	62.41	62.53	22	21.5	24.6	27.1	23.4	22.2	23.5	28.9	21.3	91	94	87	76	90	93	88.5	.....
17..	61.48	61.93	62.52	60.56	60.69	62.25	61.57	22.3	22.3	25	25.8	24.2	23.4	23.8	26.2	21.6	93	93	90	85	91	94	91	3.3
18..	60.76	61.25	62.37	59.39	59.88	60.87	60.75	22.2	22	27.4	32.2	28	24.8	26.1	33	21.6	95	96	77	59	74	83	80.7	.....
19..	60.45	60.93	61.41	58.40	58.08	60.21	59.91	22.6	21	28.5	35.7	30	25.5	27.2	36	20.7	90	95	70	39	66	85	74.2	.....
20..	59.16	60.49	61.63	58.80	60.10	61.48	60.28	24	23	29.6	34.1	22.7	23.2	26.1	36.6	21.5	90	94	68	50	97	97	82.7	52.3
21..	61.08	61.37	62.47	60.72	61.13	62.73	61.58	23.2	23	26	31.4	25.3	23.1	25.3	31.6	21.7	94	95	82	64	79	87	83.5	.....
22..	62.33	62.39	63.29	61.71	61.44	62.77	62.32	22.5	22.6	27	28.5	25.7	24	25	30.5	22.3	89	95	77	70	72	84	81.2	.....
23..	61.68	61.93	63.12	61.56	60.98	61.77	61.84	22.3	21.2	26.5	24.5	24	23	23.6	28.2	21	89	95	78	88	85	89	87.3	5.3
24..	60.88	61.63	62.37	60.90	60.87	62.66	61.55	22.8	22	26.2	25.4	24	22.2	23.8	27	21.6	90	96	75	73	80	88	83.7	1.8
25..	62.31	62.35	63.08	61.64	61.80	62.75	62.32	21.8	20.7	25.2	26.1	22.7	21.5	23	27	20.6	90	96	80	73	81	89	84.8	.....
26..	61.71	62.04	62.50	59.33	60.13	61.26	61.16	20.7	20	25.8	28	26.4	22.4	23.9	29.3	19.5	90	91	69	59	71	91	78.5	1.5
27..	60.07	60.85	61.29	58.88	60.38	63.03	60.75	22.1	22	26.5	32	22.2	20.7	24.2	32.2	20.4	93	93	76	57	86	91	82.7	7.4
28..	62.66	63.35	64.32	62.21	62.67	64.23	63.24	20.6	20.3	25.8	27.4	23.6	21.8	23.2	30	20	91	91	78	70	85	91	84.3	1.5
29..	63.44	63.38	64.83	63.60	63.23	64.01	63.75	21.5	21	23.5	23.6	22.2	21.7	22.2	24.4	20.8	91	94	87	86	90	90	89.7	3.8
30..	63.04	62.72	63.08	61.40	61.35	62.61	62.37	21.1	20.9	25	25.3	22.6	21.4	22.7	27	20.5	95	95	86	80	85	94	89.2	.....
31..	61.56	61.60	62.48	60.62	61.02	62.51	61.63	21.1	20.8	26	27.2	23.6	22.1	23.5	28.1	20.6	94	94	77	73	89	91	86.3	.....
Mean	60.49	61.03	61.90	59.53	59.66	61.20	60.64	22.5	21.8	27.3	30.6	26.2	23.6	25.4	32	21.2	90.6	93.1	72.7	60.4	74.6	86.1	79.6	.....
otal	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	83.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Mean force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	Calm	....	Calm	....	Calm	....	NW	1	NW	3	NW	4	1.3	10	.....	N. 6		.....	Cu. N
2..	N	3	NW	4	NW	2	Calm	....	SW	1	Calm	....	1.7	6	.....	S.-Cu. N	10	.....	Cu.-N. SW
3..	SW	1	Calm	....	S	1	S	1	N	4	NW	3	1.7	8	.....	S.-Cu. S	4	.....	Fr.-Cu. S
4..	Calm	....	Calm	....	NW	1	NE	2	NE	2	N	1	1	10	.....	S.-Cu.	4	.....	Fr.-Cu. NE
5..	NE	1	NE	1	E	1	NE	1	NW	1	Calm	....	.8	7	.....	Cu.-N. N	7	.....	Cu.-N. N
6..	Calm	....	Calm	....	Calm	....	NE	1	NE	2	NW	3	1	2	.....	S.	6	.....	Cu. N
7..	NW	2	N	3	N	1	NW	2	NW	3	Calm	....	1.8	8	.....	Cu.-N. N	7	.....	Cu.-N.NE
8..	Calm	....	Calm	....	Calm	....	SE	1	Calm	....	Calm	....	.2	10	.....	Cu.-N. S	6	.....	Cu. S
9..	Calm	....	Calm	....	SE	2	S	1	Calm	....	N	2	.8	0	.....	.....	0	.....	.....
10..	NW	1	NW	1	Calm	....	NE	1	NW	2	Calm	....	.8	10	.....	S.-Cu. NE	8	.....	Cu. E
11..	SE	1	Calm	....	Calm	....	SW	1	SE	1	Calm	....	.5	0	.....	.....	7	.....	Cu.-N. SW
12..	Calm	....	Calm	....	S	1	S	1	Calm	....	Calm	....	.3	2	Ci.	.....	5	.....	Cu. S
13..	SW	1	Calm	....	SW	1	SW	1	SW	1	NE	1	.8	0	.....	.....	1	.....	Cu.
14..	Calm	....	Calm	....	Calm	....	SE	1	NE	1	SW	1	.5	4	A.-Cu.	S.-Cu. S	4	A.-Cu.	Cu. S
15..	NE	1	Calm	....	NW	1	NW	3	NW	1	N	2	1.3	7	.....	Cu.	8	.....	Cu.-N. N
16..	NW	2	NW	1	NE	2	NE	2	NW	2	NW	3	2	7	.....	Cu.-N. NE	8	.....	Cu.-N. NE
17..	Calm	....	E	1	NW	1	Calm	....	Calm	....	Calm	....	.3	10	.....	Cu.-N. N	10	.....	Cu.-N. SW
18..	Calm	....	Calm	....	SW	1	E	1	E	1	Calm	....	.5	6	.....	Cu.-N. S	7	.....	Cu. S
19..	S	1	Calm	....	SE	1	S	1	NW	1	Calm	....	.7	0	.....	.....	0	.....	.....
20..	Calm	....	Calm	....	SSW	1	NW	1	NE	4	Calm	....	1	8	.....	S.-Cu. S	8	.....	Cu.-N. NE
21..	Calm	....	Calm	....	SW	1	N	2	N	2	NE	2	1.2	10	.....	N. N	8	.....	Cu.-N. N
22..	Calm	....	Calm	....	NE	1	NE	1	NNW	2	Calm	....	.7	10	.....	Cu.-N. N	10	.....	Cu.-N. N
23..	N	1	Calm	....	NW	1	NE	1	NW	2	Calm	....	.8	10	.....	S.-Cu. S	10	.....	N. N
24..	Calm	....	Calm	....	E	1	NW	2	NW	2	NW	3	1.3	10	.....	Cu.-N. N	10	.....	Cu.-N. N
25..	NW	1	WNW	1	NW	2	N	3	NE	2	NE	2	1.8	10	.....	Cu.-N. N	8	.....	Cu.-N. N
26..	NW	2	WNW	1	Calm	....	E	2	SW	2	Calm	....	1.2	6	.....	S.-Cu. N	9	.....	Cu.-N. SE
27..	Calm	....	Calm	....	Calm	....	S	1	NW	3	NW	4	1.3	10	.....	N.	4	.....	Cu. SE
28..	Calm	....	NW	1	Calm	....	NE	3	NW	3	NW	3	1.7	8	.....	Cu.-N.	8	.....	Cu.-N. N
29..	N	3	NW	4	NW	3	NW	3	N	2	NW	4	3.2	10	.....	N.	10	.....	Cu.-N. NE
30..	NW	4	N	3	NNE	3	NW	2	NW	3	NW	2	2.8	7	.....	S.-Cu. N	10	.....	Cu.-N. N
31..	NW	2	NW	2	N	2	NW	3	NW	2	N	1	2	6	.....	S.-Cu.	6	.....	Cu. N
Mean	.....	0.9	.....	0.7	.....	1	.....	1.5	.....	1.8	.....	1.3	1.2	6.8	.....	.....	6.7	.....	.....

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 22 meters; gravity correction not applied, —1.61 mm.]

APRIL, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	61.58	61.88	62.83	60.71	60.59	61.59	61.53	22	21.4	25	28.8	25	24	24.4	29.5	20.4	92	96	87	70	83	90	86.3	.....
2..	60.43	60.79	61.77	58.26	58.08	59.84	59.86	23.7	23	27.1	32.7	28.6	24.7	26.6	34	22.4	91	93	76	52	73	83	78	.....
3..	59.14	59.47	60.51	57.74	57.50	59.88	59.04	22.9	22.2	29.4	35	28.6	25.8	27.3	36.1	21.7	92	95	69	49	68	81	75.7	.....
4..	59.18	59.90	60.61	58.40	58.73	59.80	59.44	24.9	24.5	29.8	33	27	25.4	27.4	34	24.4	88	92	69	58	79	90	79.3	.....
5..	59.35	59.87	60.98	58.44	57.94	59.73	59.39	23.9	23.1	29.5	35.3	31.2	25.6	28.1	35.8	22	91	95	66	42	60	79	72.2	.....
6..	59.15	59.42	59.72	57.12	57.49	60.68	58.93	23.9	23	30.8	36	29.5	24.5	28	37	22.7	87	93	63	42	76	88	74.8	2.3
7..	58.95	59.01	59.68	56.90	57.25	59.62	58.57	23.2	22	30.4	35.2	28.5	26.5	27.6	35.9	21.6	90	96	64	44	75	86	75.8	.....
8..	58.68	59	59.63	56.89	57.11	59.33	58.44	24.7	23.8	29.5	35.5	28	25.7	27.9	35.8	23.5	89	93	70	44	77	83	76	.....
9..	58.61	58.63	59.57	56.60	57.75	59.67	58.47	23.6	23.1	29.5	35.5	25.5	24.3	26.9	36.6	22	89	91	75	48	83	87	78.8	3.8
10..	59.19	59.40	59.89	57.16	56.55	59.20	58.57	24	23.4	29.1	35.2	30.5	26.1	28	36.7	22.8	87	90	72	50	64	88	75.2	.....
11..	58.04	58.11	58.05	55.54	55.36	57.33	57.07	24.8	24.4	30	34.4	31	26.2	28.5	35.3	23.8	94	96	65	46	60	75	72.7	.....
12..	56.56	57.10	57.73	54.37	55.56	57.59	56.49	24	23	32.2	36.3	27.5	25.6	28.1	37	22.8	88	90	54	42	81	87	73.7	.....
13..	56.29	57.43	58.64	56.24	57.16	58.89	57.44	23.8	23.2	30.9	35.4	26	25.5	27.5	36.1	22.5	91	93	56	50	89	92	78.5	4.6
14..	58.88	59.11	59.80	56.71	58.38	59.61	58.75	24.8	24.4	29.3	34.5	24.8	24.2	27	35.4	23.5	92	93	72	55	81	80	78.8	.....
15..	58.91	58.97	58.64	55.46	56.63	57.90	57.75	22.6	22.8	29	35	26.1	25.1	26.8	36.7	22.4	86	93	71	51	89	92	80.3	19.6
16..	57.04	57.42	58.32	55.94	56.33	58.29	57.22	24	23	29.4	34.2	26.8	24.3	27	34.5	22.7	94	96	73	58	82	91	82.3	8.4
17..	57.10	58	58.66	56.25	58.02	58.61	57.77	23.8	23.2	29	33.6	22.2	22.3	25.7	34.6	21.9	93	97	74	57	93	92	84.3	63.5
18..	58.17	58.40	58.87	56.76	57.23	59.79	58.20	22.2	22.3	26.3	31.5	27.4	24.5	25.7	33.1	21.8	94	94	82	66	81	91	84.7	1.8
19..	58.75	58.87	59.08	56.56	56.19	59.08	58.09	23.9	23.4	28	32.8	30	25.4	27.2	34.1	23	93	94	74	60	65	81	77.8	.....
20..	57.66	58.05	58.78	56.08	56.73	58.20	57.58	24.8	23.6	30.6	34.6	27	24	27.4	35	23.1	93	96	57	54	71	87	76.3	.....
21..	57.92	58.12	58.99	56.11	56.53	58.38	57.67	23	22.6	28.6	35	26.7	25.6	26.9	35.4	22	95	95	77	52	86	88	82.2	.....
22..	57.64	57.92	58.69	55.74	55.26	57.53	57.13	24.5	23.2	29.4	34	30.2	26.5	28	35.6	22.8	91	94	71	51	71	85	77.2	.....
23..	56.59	56.96	57.90	55.25	54.89	57.68	56.55	25.1	24.3	31	35.2	32.6	27.5	29.3	36	24	92	94	59	48	60	81	72.3	.....
24..	56.95	57.83	59.11	57.14	56.96	58.80	57.80	25.7	24.5	31	34.8	29.3	26.4	28.6	35.3	24.3	89	96	63	53	69	86	76	.....
25..	58.59	59.03	60.01	57.66	57.27	59.38	58.66	25.4	24.4	30.4	33.5	27.6	25.4	27.8	35.2	24.2	88	92	72	57	70	84	77.2	.....
26..	58.55	58.74	59.29	56.48	55.94	58.26	57.88	24.5	23.9	30.1	33.6	30.4	26.6	28.2	35.9	23.2	91	92	71	54	65	78	75.2	.....
27..	57.25	57.55	58.26	56.30	55.63	58.08	57.18	25.5	25.3	30.4	35.7	32.5	27.4	29.5	36.1	24.7	83	88	66	49	58	76	70	.....
28..	57.39	57.76	58.80	56.57	56.51	57.99	57.50	26.1	24.8	30	34	29.6	25.6	28.4	35.1	24.4	82	92	68	47	62	83	72.3	.....
29..	57.69	58.29	59.03	56.66	56.52	58	57.70	24.7	24	29.2	32.6	26.2	25.2	27	33.9	23.4	87	90	70	56	87	88	79.7	9.7
30..	56.90	57.70	57.89	55.14	56.48	57.90	57	24.2	23.1	29	33.3	24.6	24.4	26.4	33.3	22.6	88	93	71	54	91	92	81.5	2.5
Mean	58.24	58.62	59.32	56.71	56.95	58.89	58.12	24.1	23.4	29.5	34.2	28	25.4	27.4	35.2	22.9	90	93.4	69.2	52	75	85.5	77.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	116.2

Day.	Wind.													Clouds.						
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction.		Amount.	Form and direction.		
															Upper.	Lower.		Upper.	Lower.	
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*			
1..	Calm	....	Calm	....	N	1	NW	2	N	1	Calm	....	0.7	10	.....	N.	8	.....	Cu.-N.	NE
2..	Calm	....	Calm	....	Calm	....	S	2	N	2	NW	1	.8	5	.....	S.-Cu.	NE	6	.....	Cu. N
3..	S	1	Calm	....	Calm	....	E	1	N	3	NW	3	1.3	3	Ci.	Fr.-S.	N	5	.....	Cu. SE
4..	W	1	Calm	....	Calm	....	N	1	Calm	....	Calm	....	.3	8	.....	S.-Cu.	E	9	Ci.	Cu. N
5..	Calm	....	Calm	....	S	1	SE	1	Calm	....	Calm	....	.3	6	.....	S.-Cu.	S	6	Ci.	Cu. S
6..	Calm	....	Calm	....	SE	1	SE	1	Calm	....	SW	1	.5	0	.....	.....		4	.....	Fr.-Cu. S
7..	Calm	....	Calm	....	SW	1	SE	1	NE	1	NW	2	.8	0	.....	.....		3	.....	Fr.-Cu.
8..	Calm	....	Calm	....	Calm	....	E	1	SW	1	SW	1	.5	3	.....	Fr.-S.	S	6	.....	Cu. S
9..	S	1	Calm	....	S	1	SE	1	NE	2	SW	1	1	4	Ci.-Cu.	.....		8	.....	Cu. E
10..	Calm	....	Calm	....	SW	1	E	1	ENE	1	NW	1	.7	6	.....	S.-Cu.	S	4	.....	Cu. S
11..	SW	1	SSW	1	S	2	SW	2	SW	1	S	1	1.3	6	.....	Cu.-N.	S	5	Ci.	Cu. S
12..	Calm	....	Calm	....	S	1	SE	1	W	3	Calm	....	.8	0	.....	.....		4	.....	Cu. S
13..	Calm	....	Calm	....	S	2	SE	1	NW	1	Calm	....	.7	10	.....	N.		7	.....	Cu. SW
14..	NE	1	Calm	....	SW	1	SE	1	Calm	....	S	1	.7	10	.....	Cu.-N	E	3	.....	Fr.-Cu.
15..	SE	1	S	1	SE	1	E	1	NW	1	Calm	....	.8	6	.....	S.-Cu.	S	4	.....	Cu. S
16..	Calm	....	SE	1	Calm	....	Calm	....	Calm	....	Calm	....	.2	7	.....	Cu.-N.	SE	8	.....	Cu.-N. N
17..	SW	1	SW	1	SE	1	SE	1	NE	1	SW	1	1	10	.....	N.		4	.....	Fr.-Cu. S
18..	SW	1	SW	1	SE	1	Calm	....	NW	3	Calm	....	1	10	.....	Cu.-N.	S	2	.....	Fr.-Cu.
19..	S	2	SW	1	SE	1	SE	1	Calm	....	Calm	....	.8	10	.....	Cu.-N.	S	2	.....	Fr.-Cu.
20..	Calm	....	Calm	....	SW	1	S	1	NW	2	NW	1	.8	4	.....	S.-Cu.		2	.....	Cu.
21..	Calm	....	Calm	....	E	1	SW	1	NW	1	Calm	....	.5	7	.....	Cu.-N.		4	.....	Fr.-Cu.
22..	SE	2	SE	1	SW	1	Calm	....	N	1	NW	1	1	8	.....	Cu.-N.		3	Ci.	Cu.
23..	Calm	....	Calm	....	SE	1	SE	1	Calm	....	NW	1	.5	0	.....	.....		0	.....	.....
24..	Calm	....	Calm	....	SW	1	NE	1	NW	1	NE	1	.7	0	.....	.....		7	.....	Cu.-N. NW
25..	Calm	....	Calm	....	Calm	....	NE	1	N	1	Calm	....	.3	6	A.-S.	S.-Cu.	N	6	.....	Cu. N
26..	Calm	....	Calm	....	SE	1	Calm	....	NE	1	Calm	....	.3	4	.....	S.-Cu.	SW	7	.....	Cu. S
27..	Calm	....	Calm	....	Calm	....	SE	1	Calm	....	Calm	....	.2	7	.....	S.-Cu.	N	4	.....	Fr.-Cu. S
28..	NE	1	Calm	....	NNW	1	NE	1	NE	1	N	2	1	6	.....	Cu.	N	0	.....	.....
29..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	8	.....	S.-Cu.		6	.....	Cu.-N.
30..	Calm	....	Calm	....	SE	1	SE	1	SW	2	Calm	....	.7	8	.....	Cu.-N.	S	4	.....	Cu. S
Mean	.....	0.4	.....	0.2	.....	0.8	.....	0.9	.....	1	.....	0.6	0.7	5.7	.....	.....		4.7	.....	.....

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 22 meters; gravity correction not applied, —1.61 mm.]

MAY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.22	57.54	59.23	57.73	57.72	59.53	58.16	23.8	23.7	26.9	30.6	27	24.9	26.2	31.5	22.5	95	95	78	68	73	85	82.3	.....
2..	58.49	59.11	60.31	57.74	57.66	59.26	58.76	24	23.5	28.8	33.1	27.2	24.6	26.9	33.5	23	90	91	75	58	87	87	81.3	.....
3..	58.16	58.06	57.76	55.23	56.06	58.44	57.29	24	23.5	30.6	34.5	28.7	26	27.9	35.3	22.7	90	92	67	50	64	84	74.5	11.4
4..	56.93	57.70	59.34	56.97	57.22	58.96	57.85	24.5	24.5	28	32	27.2	25.4	26.9	32.1	23.2	91	96	76	60	78	81	80.3	.....
5..	58.49	59	59.62	56.64	56.69	58.67	58.19	24.6	24.4	29	33.8	30	26.2	28	34.6	23.6	91	91	71	54	69	87	77.2	.....
6..	57.93	58.25	58.68	56.59	58.37	60.04	58.31	24.5	23.6	31.6	33	26.1	23.1	27	36.4	22.4	94	95	60	61	80	94	80.7	3.8
7..	59.09	59.07	60.06	57.23	57.01	59.04	58.58	23.3	23.4	28.1	30.4	28	25.5	26.4	32.8	22.3	92	97	77	68	80	92	84.3	.....
8..	57.95	58	58.54	56.09	57.95	59.58	58.02	24.8	24	31.1	35.4	25.5	25.1	27.6	36	23.2	94	96	64	45	92	93	80.7	3.8
9..	57.96	58.10	58.70	56.65	57.58	59.06	58.01	24.7	24.5	28.6	34	26.8	24.7	27.2	34.6	23.6	91	91	74	57	84	92	81.5	1.3
10..	57.94	57.86	58.39	56.30	56.77	57.85	57.52	24.1	24	29.5	34	27	26	27.4	34.2	23.8	92	97	74	57	90	95	84.2	2.5
11..	57.15	57.10	57.05	54.70	55.80	57.58	56.56	25.5	24.7	30.6	36.2	25	25.4	27.9	37.4	24	99	96	62	38	95	93	80.5	32.5
12..	56.79	57.77	58.27	55.91	56.86	58.69	57.38	24.7	24.5	31.2	35	25.1	25.4	27.6	36.5	24	95	96	71	54	88	84	81.3	.....
13..	57.52	58.44	59.22	56.74	57.66	59.82	58.23	23.7	23.5	30.1	35	29.7	22.8	27.5	35.6	22.2	96	96	73	58	77	93	82.2	5.6
14..	59.07	59.63	60.23	57.38	59.70	60.54	59.43	22.5	22.6	29.8	36	25.4	24.2	26.8	36.2	22	96	95	74	42	88	94	81.5	1.8
15..	60.60	60.84	60.76	58.25	58.13	60.28	59.81	22.5	22.5	28.6	34.6	31.2	26.5	27.6	35.8	22.1	96	96	73	56	68	76	77.5	.....
16..	59.63	60.08	60.26	57.59	57.94	60.11	59.27	25.2	24.5	31.4	35.1	30.5	26.6	28.9	36.7	24.2	83	89	63	56	67	83	73.5	.....
17..	59.20	59.88	60.10	57.73	59.48	60.67	59.51	25.7	25.4	31.4	37.1	26.5	25.6	28.6	37.8	24.4	91	92	66	43	90	91	78.8	.....
18..	59.97	60.64	61.26	58.75	58.51	60.38	59.92	24.5	24.4	30.9	35.2	30.1	26.6	28.6	36.8	23.7	91	91	66	48	75	91	77	.....
19..	59.20	59.85	60.70	57.53	58.87	59.75	59.32	24.6	25.6	32	34.2	27.2	25	28.1	37.1	24.4	92	92	64	50	82	87	77.8	.....
20..	58.25	58.65	58.98	56.74	56.67	59.38	58.11	24.1	23.2	30.5	35.2	30.6	24.1	28	36.5	22.8	87	86	65	48	62	96	74	12.7
21..	58.07	58.01	58.67	56.34	56.60	59.73	57.90	24	23.5	29.2	35.2	30	25.8	28	35.7	22.8	97	94	73	54	65	82	77.5	.....
22..	59.04	58.86	59.39	57.54	57.71	59.27	58.63	24.8	24	30.4	32.4	29.4	25.8	27.8	35.7	23.5	90	93	67	60	69	85	77.3	.....
23..	58.93	59.06	59.56	57.52	58.20	59.92	58.87	24.1	23	32.1	35.5	29.5	24.8	28.2	36.4	22.4	91	94	56	41	69	93	74	21.3
24..	58.78	58.95	59.38	56.99	57.33	59.25	58.45	23.8	23.5	29.9	34	25.8	26	27.2	36	22.7	97	97	73	59	89	94	84.8	8.4
25..	58.52	58.69	59.14	56.39	56.31	58.40	57.91	24.6	24.1	28.2	32.6	29	25.8	27.4	34	23.3	94	94	79	64	75	81	81.2	4.3
26..	57.35	58.10	58.60	56.71	57.97	59.38	58.02	24.8	24.4	31.1	34	27.3	24.6	27.7	35	23.8	97	95	67	56	82	93	81.7	10.2
27..	58.61	59.35	59.82	57.49	57.44	59.22	58.65	23.7	23	28.6	34.4	30	27	27.8	35.1	22.8	96	97	81	60	80	87	83.5	.....
28..	58.17	58.59	59.07	56.53	56.56	58.58	57.92	26	24.5	30.5	35.1	30.6	27.2	29	35.7	23.8	90	92	76	59	76	86	79.8	.....
29..	57.42	58.05	58.18	55.63	56.24	58.24	57.29	26.5	26	32	36.5	29.6	26.6	29.5	37	25.4	87	90	64	41	77	89	74.7	.....
30..	57.50	57.93	58.05	56.06	57.43	58.13	57.52	26.4	26.2	32.2	36.8	29.1	26.8	29.6	37.8	25.3	92	92	65	43	74	90	76	.....
31..	57.19	58.65	59.17	56.94	56.96	58.71	57.94	26	26	31.6	36.5	31	27	29.7	37.5	25.3	92	93	72	43	68	81	74.8	.....
Mean	58.29	58.70	59.24	56.86	57.46	59.24	58.30	24.5	24.1	30.1	34.4	28.3	25.5	27.8	35.6	23.4	92.5	93.6	69.9	53.3	77.8	88.4	79.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	119.6

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.	
																Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–12*	*0–10*			*0–10*		
1..	N	1	Calm	....	N	1	NE	2	NW	2	W	1	1.2	8	.....	S.-Cu.	N	6	.....	Cu.-N
2..	Calm	....	Calm	....	S	1	NW	1	NW	1	W	1	.7	6	.....	N.	S	4	.....	Cu. E
3..	SE	1	Calm	....	SW	1	S	1	NW	3	NW	1	1.2	6	.....	S.-Cu.	S	5	.....	Cu. S
4..	SE	1	Calm	....	N	1	NE	1	NW	1	NW	2	1	7	.....	Cu.-N.		8	.....	Cu.-N. N
5..	SE	1	SE	1	S	1	SE	3	Calm	....	Calm	....	1	10	.....	S.-Cu.	S	6	Ci.	Cu. S
6..	Calm	....	Calm	....	S	1	N	2	N	3	NW	3	1.5	7	Ci.-Cu.	S.-Cu.	S	8	Ci.-S.	Cu. NE
7..	NE	1	Calm	....	SW	1	Calm	....	Calm	....	Calm	....	.3	10	.....	Cu.-N.	N	7	Ci.	Cu. E
8..	Calm	....	Calm	....	S	1	SE	1	NW	1	Calm	....	.5	8	Ci, Ci-Cu.	S.-Cu.		7	Ci.	Cu. SE
9..	Calm	....	Calm	....	SSE	1	SW	1	NE	3	NW	1	1	10	.....	Cu.-N.	S	8	Ci.-S.	Cu. S
10..	NE	1	Calm	....	S	1	S	1	Calm	....	Calm	....	.5	10	.....	N.	S	8	Ci.	Cu.-N. S
11..	S	1	Calm	....	SW	1	SW	1	NW	1	Calm	....	.7	7	Ci.	Cu.-N.	S	4	Ci.	Cu.
12..	Calm	....	Calm	....	SE	1	S	1	NW	1	Calm	....	.5	6	A.-Cu.	S.-Cu.	N	6	Ci.	Cu. N
13..	Calm	....	Calm	....	S	1	NE	1	NE	1	Calm	....	.5	2	.....	S.		7	.....	Cu.-N.NW
14..	S	1	Calm	....	Calm	....	SW	1	SW	1	Calm	....	.5	4	Ci.	S.-Cu.	S	6	.....	Cu.-N. S
15..	SE	1	SE	1	SE	1	Calm	....	N	1	Calm	....	.7	10	.....	N.	S	6	Ci.-Cu.	Cu. S
16..	SE	1	S	1	SE	1	S	1	N	1	N	1	1	8	.....	Cu.	S	4	Ci.	Cu. S
17..	Calm	....	Calm	....	S	1	SW	1	N	1	N	1	.7	6	.....	Cu.	S	7	Ci.	Cu. SW
18..	S	1	SE	1	SW	1	Calm	....	NW	1	NW	1	.8	6	A.-Cu.	S.-Cu.		3	.....	Cu. S
19..	SE	1	Calm	....	SE	1	Calm	....	W	1	NW	1	.7	8	.....	S.-Cu.	S	6	.....	Cu. NW
20..	Calm	....	Calm	....	Calm	....	SW	1	N	1	NW	2	.7	3	.....	S.-Cu.		4	.....	Cu. S
21..	Calm	....	Calm	....	S	1	SW	1	Calm	....	SE	3	.8	9	.....	Cu.-N.	S	5	.....	Cu. S
22..	SE	2	S	1	SE	1	SW	3	SE	1	SE	1	1.5	6	.....	S.-Cu.	S	8	.....	Cu.-N. S
23..	SE	1	Calm	....	S	1	S	1	N	2	Calm	....	.8	6	Ci.	.....		5	Ci.	Cu. SW
24..	Calm	....	Calm	....	SE	1	NW	1	NE	1	Calm	....	.5	0	.....	.....		8	Ci.-S.	Cu.-N.
25..	SW	1	SW	1	SE	1	SSE	1	SE	1	NW	1	1	10	.....	Cu.-N.	SE	8	A.-Cu.	Cu.
26..	Calm	....	Calm	....	S	1	SE	2	S	2	Calm	....	.8	10	.....	Cu.-N.		8	Ci.	Cu. S
27..	SE	1	SE	1	E	1	Calm	....	NE	2	Calm	....	.8	10	.....	Cu.-N.	S	7	.....	Cu.-N. S
28..	Calm	....	Calm	....	SW	1	SE	1	Calm	....	Calm	....	.3	6	Ci.	S.-Cu.		8	Ci.-S.	Cu. S
29..	Calm	....	Calm	....	Calm	....	Calm	....	N	2	N	1	.5	7	Ci.	S.-Cu.		2	.....	Fr.-Cu. S
30..	Calm	....	SE	1	S	2	S	1	NW	2	NW	1	1.2	8	.....	Cu.-N.	S	4	.....	Cu. S
31..	SE	1	SE	1	NE	1	SE	1	Calm	....	Calm	....	.7	7	Ci.	S.-Cu.	SE	8	.....	Cu.-N.NE
Mean	.....	0.6	.....	0.3	.....	0.9	.....	1	.....	1.2	.....	0.7	0.8	7.1	.....	.....		6.2	.....	.....

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 22 meters; gravity correction not applied, —1.61 mm.]

JUNE, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.10	58.30	58.96	56.07	55.84	58.87	57.69	25.5	24.5	32.6	37.6	30.7	24.8	29.3	38.6	23.5	96	96	63	43	74	85	76.2	54.9
2..	58.16	58.17	58.42	56.04	56.95	58.12	57.64	23.9	23.8	29.1	34.6	25.1	24.5	26.8	35	23.2	90	97	79	61	92	93	85.3	3.3
3..	57.32	57.43	58.23	56.57	57	58.31	57.48	23.9	23.5	30	32.3	29	25.4	27.4	33.6	23	94	95	75	68	81	93	84.3	2
4..	57.88	58.15	58.03	56.20	57.22	58.78	57.71	24.7	24.5	30.7	35.1	30.4	25.4	28.5	36.2	23.7	95	96	72	53	69	88	78.8	.....
5..	57.74	58.20	58.96	56.87	57.32	59.04	58.02	24.9	24.7	32	36	28.2	26	28.6	36.5	23.2	96	96	61	42	72	87	75.7	.....
6..	58.59	59.25	59.71	57.06	57.47	59.08	58.53	25.4	25.3	29.4	35.5	26.4	24.9	27.8	36.5	24.4	92	93	76	54	87	92	82.3	19.8
7..	58.28	58.69	58.93	57.02	56.71	58.81	58.07	24.6	24.4	31.5	35.2	30.4	27.3	28.9	36.1	24.2	97	97	66	53	69	79	76.8	.....
8..	58.10	58.59	59.01	57.14	57.20	59.39	58.24	25.6	24.4	31.2	36	31.2	27.1	29.2	36.4	24	88	97	69	42	69	80	74.2	.....
9..	58.97	59.26	59.29	57.35	57.20	59.39	58.58	25.8	24	32.5	36.5	33.1	27.8	30	37	23.5	86	91	61	42	60	79	69.8	.....
10..	58.30	59.07	59.48	58.04	57.74	59.21	58.64	25.8	24.5	31.2	35	32.1	28.5	29.5	36.2	24.3	86	91	67	52	65	77	73	.....
11..	58.30	58.90	59.19	57.34	56.97	58.22	58.15	25.4	24.5	29.6	34.3	29.8	26.5	28.4	36.6	23.9	85	91	74	57	74	80	76.8	.....
12..	57.77	57.92	58.37	56.74	56.48	58.48	57.63	24.5	23.5	32.7	36.4	34.2	27.6	29.8	37.1	22.9	96	99	57	41	52	83	71.3	.....
13..	57.77	58.20	58.30	56.26	55.99	58.21	57.46	25.2	24.2	32.5	36.4	33	27.5	29.8	37.2	23.9	94	93	52	42	55	83	69.8	.....
14..	57.85	58.70	58.98	57.11	56.38	58.67	57.95	25.4	23.8	32.4	36.5	33.4	27.5	29.8	36.6	23.3	90	97	55	42	54	83	70.2	.....
15..	58.50	59.14	59.11	57.26	56.98	59.23	58.37	25.8	24.8	33	38	33.5	27.8	30.5	38.6	24	88	95	59	42	60	82	71	.....
16..	57.84	58.65	58.35	55.86	55.81	57.83	57.39	26.1	25.1	34.6	38	31	27.8	30.4	39.1	24.5	87	91	54	43	67	82	70.7	.....
17..	56.85	57.18	57.20	54.89	54.52	56.98	56.27	26.5	25.4	33.4	38.2	32.2	28.1	30.6	39.8	25.2	87	92	60	40	60	80	69.8	.....
18..	56.71	56.95	57.35	54.87	55.26	58.39	56.59	26.5	25.2	34.2	38.2	31.5	27	30.4	39.4	24.7	85	90	59	40	66	75	69.2	.....
19..	57.61	58.14	59	56.96	58.03	59.61	58.22	26.3	25.3	31.3	35.2	26	25.6	28.3	37.2	24.9	81	86	67	51	89	90	77.3	.....
20..	58.98	58.85	58.93	56.73	57.68	59.38	58.42	24.3	23.5	31	36	26.4	25.7	27.8	36.7	22.8	93	94	69	42	94	94	81	21.8
21..	58.11	58.35	58.13	56.40	56.95	58.29	57.70	24	24	30	34.6	26.4	24.6	27.3	36	23.6	96	95	78	61	90	97	86.2	10.2
22..	57.94	57.80	57.55	55.42	55.62	57.92	57.04	24.3	24.2	29	33.5	26.4	23.8	26.9	34.7	23.2	98	98	80	67	83	95	86.8	7.6
23..	57.10	57.16	57.80	55.88	55.82	58.17	56.99	23.4	23.5	28.2	33	30	25.5	27.3	33.8	22.8	95	93	77	62	77	91	82.5	1.3
24..	57.46	58.26	58.48	56.95	56.48	58.09	57.62	23.8	23.6	28.3	32.1	30.2	26	27.3	33.6	23	97	97	83	68	75	92	85.3	2.8
25..	57.59	57.70	57.66	56.18	56.52	57.48	57.19	24.9	23.5	30.1	27.6	26.6	25.3	26.3	34	23.2	94	96	72	89	91	93	89.2	.....
26..	56.85	56.92	56.69	54.54	54.13	55.59	55.79	24.1	23.8	29.5	32	28.5	25.2	27.2	33.7	23.3	94	94	76	73	85	92	85.7	5.3
27..	54.85	55.62	56.54	55.08	56.51	58.07	56.11	24.4	23.8	27.1	31.5	24	23.9	25.8	32.3	23.2	95	97	84	66	97	95	89	36.3
28..	56.77	57.27	57.69	57.38	57.35	58.88	57.72	24	24	29.5	32.4	30.2	25.7	27.6	33.6	23.5	96	95	75	62	77	86	81.8	.....
29..	59.29	59.20	59.33	57.05	57.54	59.78	58.70	24.4	24	30.4	35	29.3	25.4	28.1	36.6	23.2	95	95	72	52	72	93	79.8	6.1
30..	58.90	58.84	59.27	57.26	56.37	58.31	58.16	25.1	25	29.4	34.3	32.3	26.5	28.8	35.2	24	92	92	79	56	69	84	78.7	.....
Mean	57.82	58.16	58.43	56.48	56.60	58.52	57.67	25	24.3	30.9	34.9	29.7	26.2	28.5	36.1	23.7	91.9	94.3	69	53.5	74.2	86.8	78.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	171.4

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.	
																Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–12*	*0–10*			*0–10*		
1..	SE	1	Calm	....	S	1	Calm	....	N	2	N	1	0.8	7	Ci.	S.-Cu. S		4	Ci.	Cu. S
2..	Calm	....	Calm	....	S	1	SW	1	Calm	....	SE	1	.5	7	.....	Cu.-N. S		6	.....	Cu.-N. SE
3..	SE	1	Calm	....	SW	1	E	1	NW	1	Calm	....	.7	7	Ci.	S.-Cu. SE		8	.....	Cu.-N. SE
4..	S	1	SE	1	S	1	SW	1	N	2	Calm	....	1	10	.....	Cu.-N. S		5	Ci.	Cu. S
5..	SE	1	SE	1	SW	1	SE	2	S	1	W	1	1.2	5	Ci.	Cu. SE		6	Ci.	Cu. S
6..	SW	2	S	1	SE	1	S	1	N	2	Calm	....	1.2	7	.....	Cu.-N. SE		6	Ci.	Cu. S
7..	S	1	S	1	SW	1	SW	1	Calm	....	Calm	....	.7	7	A.-Cu.	Cu.-N. SE		4	Ci.	Fr.-Cu. S
8..	SW	1	S	1	SW	1	S	1	Calm	....	Calm	....	.7	6	Ci.	Fr.-Cu.		4	.....	Cu. S
9..	SE	1	Calm	....	SE	1	SE	1	Calm	....	NE	1	.7	4	Ci.	.....		6	Ci., Ci.-S.	Fr.-Cu.
10..	N	1	S	1	Calm	....	E	1	Calm	....	Calm	....	.5	5	Ci.	S.-Cu.		6	Ci.-S.	Cu.-N. SE
11..	Calm	....	Calm	....	Calm	....	SSW	1	Calm	....	Calm	....	.2	4	Ci.	Fr.-Cu.		9	.....	Cu.-N.
12..	SE	1	SE	1	SW	2	SE	2	Calm	....	S	1	1.2	0	.....	.....		0	.....	.....
13..	Calm	....	Calm	....	SE	1	SW	3	SE	2	NW	1	1.2	0	.....	.....		3	Ci.	Fr.-Cu.
14..	Calm	....	Calm	....	S	1	SE	1	S	1	Calm	....	.5	0	.....	.....		7	Ci.	Cu. S
15..	SE	1	SE	1	SE	1	SW	1	NE	1	N	1	1	5	Ci.	S.-Cu. ESE		3	.....	Fr.-S.
16..	SE	1	Calm	....	SE	1	Calm	....	N	3	NW	2	1.2	0	.....	.....		4	Ci.	Fr.-Cu.
17..	Calm	....	Calm	....	S	1	SW	1	N	2	NW	1	.8	0	.....	.....		5	.....	Fr.-Cu.SE
18..	Calm	....	Calm	....	S	1	SSE	1	NE	2	NE	1	.8	0	.....	.....		6	Ci.	Cu. S
19..	SW	1	SE	1	SE	1	SE	2	NW	3	SE	1	1.5	8	.....	Cu.-N. S		7	Ci.-S.	Cu. S
20..	SE	1	S	1	SW	1	Calm	....	Calm	....	SE	1	.7	5	Ci.-Cu.	S.-Cu. S		7	Ci.	Cu. S
21..	SE	1	Calm	....	SW	1	Calm	....	SW	1	Calm	....	.5	7	Ci.	Cu.-N. S		6	Ci.	Cu. S
22..	SE	1	SE	1	S	1	NW	1	NW	2	SE	1	1.2	10	.....	N.		6	Ci.	Cu. S
23..	SW	1	SW	1	SE	1	S	1	N	1	SE	1	1	10	.....	Cu.-N. SE		6	Ci.	Cu.-N. S
24..	Calm	....	S	1	SE	1	SE	1	NE	1	Calm	....	.7	7	.....	Cu.-N. S		10	Ci.-S.	Cu.-N. SE
25..	Calm	....	Calm	....	S	1	E	1	SW	1	SE	2	.8	7	Ci.	S.-Cu.		10	.....	Cu.-N. S
26..	SW	1	SE	1	S	1	NW	2	W	1	SE	2	1.3	10	.....	N.		8	.....	Cu.-N. NW
27..	SE	1	SE	1	S	1	SE	1	SE	3	Calm	....	1.2	10	.....	N.		8	.....	Cu.-N.
28..	S	1	Calm	....	S	2	SW	1	E	1	NW	1	1	10	.....	S.-Cu. SW		7	Ci.-S.	Cu.-N. S
29..	Calm	....	Calm	....	Calm	....	SE	1	NW	1	Calm	....	.3	7	Ci.	Fr.-Cu.		2	.....	Fr.-Cu.
30..	Calm	....	Calm	....	S	1	SW	1	Calm	....	Calm	....	.3	10	.....	Cu.-N.		4	Ci.	Cu. S
Mean	.....	0.7	.....	0.5	.....	1	.....	1.1	.....	1.1	.....	0.7	0.8	5.8	.....	.....		5.8	.....	.....

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 22 meters; gravity correction not applied, —1.61 mm.]

JULY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.34	58.07	58.98	57.31	56.51	57.93	57.69	24.9	24.3	27.4	33.2	29.8	26	27.6	34	23.5	88	90	89	67	74	88	82.7	.....
2..	57.50	57.17	57.93	56.49	56.12	57.82	57.17	24.4	23.7	30	33	29	25.4	27.6	33.8	23.1	88	94	75	65	81	88	81.8	.....
3..	56.92	56.82	57.16	55.28	55.38	56.68	56.37	24.8	23.6	30.6	35.6	28.7	27.4	28.4	36.8	23.3	92	93	71	59	80	94	81.5	.....
4..	55.96	55.67	55.66	53.57	53.26	55.15	54.88	25.1	24.4	31.6	36.8	29.5	25.5	28.8	37.4	24.1	96	97	65	42	69	88	76.2	.....
5..	54.22	53.99	54.12	52.52	52.88	54.29	53.67	24.7	23.8	31.4	37.2	28.4	26.5	28.7	37.8	23.4	90	91	59	42	74	85	73.5	.....
6..	54.01	53.99	53.81	52.63	54.34	54.81	53.93	25.2	24.3	31.7	37.1	24.9	25.2	28.1	38.8	23.7	89	94	62	39	92	94	78.3	26
7..	54.29	54.80	54.74	53.52	54.16	55.58	54.51	24.8	24.5	31.2	34.8	28.9	25.6	28.3	36	24	95	96	71	60	82	87	81.8	.....
8..	54.70	55.60	55.82	54.19	54.18	56.14	55.11	24.7	24.2	29.2	35	30.1	26	28.2	35.3	24	96	95	79	60	76	85	81.8	.....
9..	55.05	55.05	55.60	54.59	54.65	55.60	55.09	25.2	25.1	31	31	27.5	25.6	27.6	34.2	24.5	93	91	72	76	79	92	83.8	.....
10..	55.19	55.42	55.54	53.84	55.02	55.62	55.11	24.6	24.5	31	35.6	25.1	24.4	27.5	36.4	23.6	95	95	69	59	93	95	84.3	14.7
11..	54.68	54.44	55.39	53.27	53.14	53.58	54.08	23.6	23.5	26.8	30.2	28.5	26.7	26.6	30.6	22.8	97	99	86	74	83	93	88.7	2
12..	52.04	52.60	52.50	51.23	50.97	51.49	51.81	25.4	24	29.1	29.5	28	26.5	27.1	30.7	23.9	95	97	81	84	88	82	87.8	12
13..	51.57	50.88	52.57	52.28	52.86	54.07	52.37	24.3	24	27.6	30	26.4	26.5	26.5	30.2	23.4	91	93	84	75	77	76	82.7	.....
14..	53.20	54.14	55.33	54.19	55.31	56.69	54.81	24.8	24.2	30.2	33.3	24.6	23.4	26.7	33.5	22.7	87	90	65	62	92	93	81.5	7.3
15..	55.09	56.40	57.48	56.26	55.88	57.50	56.43	23.2	23	26	30.5	29.6	26.1	26.4	31.2	22.5	92	92	84	76	79	91	85.7	.....
16..	56.76	57.15	57.41	55.71	55.80	57.03	56.64	24.3	24	28.4	28.5	27.4	26.4	26.5	30	23.4	93	96	83	84	78	83	86.2	19.4
17..	55.87	55.97	56.18	55.18	54.13	54.98	55.39	25.6	24.6	24.9	25.1	25	25.2	25.1	26	24.3	87	91	89	92	92	90	90.2	18.8
18..	54.06	54.45	54.95	53.96	54.15	55.73	54.55	24.6	23.5	27.2	28.6	27	25.7	26.1	28.7	23.4	94	94	81	75	87	86	86.2	.....
19..	54.37	54.51	54.94	54.48	54.25	56.05	54.77	25.2	24.6	27.5	29	28.1	26.4	26.8	29.3	24	88	89	81	76	77	82	82.2	.....
20..	55.05	55.21	56.11	55.41	56.04	57	55.80	25.	24.4	29	30.2	26.4	25.5	26.8	31.2	23.8	89	91	71	68	83	86	81.3	.....
21..	55.46	55.94	56.31	55.51	56.22	57.35	56.13	24.4	24	28.2	32.1	28.4	27.3	27.4	32.5	23.7	87	87	76	58	82	81	78.5	.....
22..	56.73	57.20	57.88	56.14	57.04	58.75	57.29	26.4	25.5	28.8	32	29.1	27.3	28.2	32.5	25	86	86	76	55	70	78	75.2	.....
23..	58.48	59.07	59.28	57.69	58.88	59.61	58.83	25.7	25	27.5	31	26.5	25.7	26.9	31.4	24.7	89	97	81	74	85	88	85.7	20.8
24..	59.20	58.20	58.55	56.88	57.70	58.86	58.23	24.7	24.3	26.3	30.4	26	25.6	26.2	31.3	24.2	94	93	91	72	79	87	86	7.1
25..	57.26	57.11	57.23	55.70	56.80	57.76	56.98	24.5	24	27	32.3	24.5	24.3	26.1	32.5	23.9	91	93	88	67	94	96	88.2	1.5
26..	56.66	56.95	57.25	55.63	56.25	57.15	56.65	24.2	23.6	28	31.5	25.6	24.5	26.2	32	23.3	93	96	82	73	79	87	85	12.2
27..	56.19	56.24	56.32	54.46	54.80	55.96	55.66	24.1	23.6	28	31.8	27	25.4	26.6	32.2	23.2	91	95	82	69	83	90	85	.....
28..	54.45	54.83	55.30	53.39	53.64	55.41	54.50	24.2	23.8	28.3	33.2	25	24.2	26.4	34	23.5	93	97	78	60	96	97	86.8	42.4
29..	54.60	54.77	55.05	53.71	54.10	55.81	54.67	24	23.8	29.1	28.6	26.4	24.6	26.1	31.3	22.8	97	97	77	80	87	95	88.8	.....
30..	54.32	55.03	55.64	54.46	55.37	56.39	55.20	23.8	23.5	29	33	24.6	23.7	26.3	34	23.2	97	97	74	58	95	94	85.8	48.2
31..	55.11	55.41	55.70	54.28	55.20	56.36	55.34	23.4	23.5	28	32	25.4	25.3	26.3	33.2	23	97	97	81	67	92	95	88.2	9.9
Mean	55.37	55.58	56.02	54.64	55	56.23	55.47	24.6	24.1	28.7	32	27.1	25.6	27	32.9	23.6	91.9	93.6	77.5	66.7	83.2	88.6	83.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	242.5

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction	Force.			Amount.	Form and direction.		Amount.	Form and direction.	
																Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*				*0–10*		
1..	Calm	....	S	1	Calm	....	E	1	NE	1	Calm	....	0.5	10	.....	N. S		6	Ci.	Cu.-N. SE
2..	Calm	....	Calm	....	Calm	....	SE	1	W	1	NW	1	.5	7	Ci.	N. ENE		8	Ci.-S.	Cu.-N. NW
3..	SW	1	S	1	S	1	NE	1	SW	1	Calm	....	.8	4	.....	S.-Cu.		4	.....	Cu. NW
4..	SE	2	SE	1	Calm	....	SW	1	SE	1	SE	1	1	5	Ci.	Cu. S		4	.....	Cu. SW
5..	SE	1	SSE	1	S	1	SW	1	Calm	....	Calm	....	.7	4	Ci.	.....		4	Ci.	Fr.-Cu. S
6..	Calm	....	Calm	....	SW	1	SW	1	NW	1	Calm	....	.5	6	Ci.	.....		5	.....	Cu. S
7..	Calm	....	Calm	....	SE	1	SE	1	Calm	....	Calm	....	.3	7	Ci.	Cu.-N. S		7	.....	Cu.-N. S
8..	Calm	....	Calm	....	SE	1	N	1	ENE	1	N	1	.7	9	Ci.	S.-Cu. NW		10	Ci.-S.	Cu.-N.NE
9..	SE	1	SE	1	SW	1	NW	2	NE	1	Calm	....	1	8	.....	Cu.-N.		8	Ci.-S.	Cu.-N.
10..	S	1	SSE	1	SW	1	SE	1	Calm	....	SE	1	.8	7	.....	Cu.-N. SE		6	.....	Cu. SE
11..	S	1	Calm	....	S	1	SW	1	Calm	....	Calm	....	.5	10	.....	N. E		8	Ci.-S.	Cu.-N. S
12..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	SE	2	.3	8	Ci.-Cu.	cu.-N.NNW		10	.....	Cu.-N. W
13..	SW	2	SSW	1	SE	1	SE	1	SW	1	SE	1	1.2	10	.....	N. S		10	.....	Cu.-N. S
14..	SE	2	Calm	....	S	2	S	1	W	1	SSE	1	1.2	8	.....	S.-Cu.		8	Ci.-S.	Cu. SE
15..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	S	1	.2	10	.....	N.		10	Ci.-S.	Cu.-N. SE
16..	Calm	....	S	1	NE	1	N	1	Calm	....	Calm	....	.5	4	Ci.	S.-Cu. SW		6	Ci.	cu.-N. NW
17..	Calm	....	Calm	....	NW	2	N	1	Calm	....	Calm	....	.5	10	.....	N.		10	.....	N.
18..	Calm	....	Calm	....	SE	1	S	1	Calm	....	SE	2	.7	6	.....	S.-Cu. SE		10	.....	N. S
19..	Calm	....	Calm	....	SSW	2	SW	2	S	1	SW	2	1.2	7	.....	N. S		10	.....	Cu.-N. S
20..	SW	1	SW	1	SW	1	SE	2	SE	1	SE	1	1.2	7	Ci.	S.-Cu.		8	.....	Cu.-N. S
21..	SE	1	SE	1	SE	1	SE	1	Calm	....	Calm	....	.7	7	.....	S.-Cu. SW		8	Ci.-S.	Cu.-N. SE
22..	S	1	Calm	....	SE	1	Calm	....	Calm	....	Calm	....	.3	8	Ci.-S.	Cu.-N. S		9	Ci.-S.	Cu.-N. S
23..	SE	1	SE	1	S	1	Calm	....	Calm	....	Calm	....	.5	7	.....	Cu.-N. S		8	.....	Cu.-N. N
24..	S	1	Calm	....	SSW	1	SE	1	Calm	....	Calm	....	.5	10	.....	N.		6	Ci., Ci.-S.	Cu.-N. SE
25..	SE	1	SE	1	Calm	....	Calm	....	Calm	....	Calm	....	.3	10	.....	N.		8	Ci.-S.	Cu.-N.
26..	SW	1	SSW	1	Calm	....	Calm	....	NE	3	Calm	....	.8	6	Ci.	Cu.-N. S		6	.....	Cu.-N. S
27..	NW	1	SE	1	Calm	....	ENE	1	N	1	Calm	....	.7	8	.....	Cu.-N. SE		7	Ci.-S.	cu.-N. NW
28..	SE	1	SE	1	Calm	....	Calm	....	Calm	....	Calm	....	.3	10	.....	N.		10	Ci.-S.	Cu.-N. S
29..	Calm	....	Calm	....	S	1	SE	1	SW	1	SE	1	.7	7	Ci.	Cu.-N. S		10	.....	Cu.-N.
30..	Calm	....	Calm	....	S	1	SE	1	NW	1	NW	1	.7	4	Ci.	.....		7	.....	Cu.-N. W
31..	S	1	Calm	....	NW	1	S	1	NW	1	Calm	....	.7	6	.....	Cu.-N. S		7	Ci.	Cu. S
Mean	.....	0.7	.....	0.5	.....	0.8	.....	0.9	.....	0.6	.....	0.5	0.7	7.4	.....	.....		7.7	.....	.....

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 22 meters; gravity correction not applied, —1.61 mm.]

AUGUST, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	55.50	56.04	56.19	54.69	55.08	56.86	55.73	25.3	24.2	28.6	33	25.5	25	26.9	34.4	24	93	98	80	64	93	95	87.2	13.8
2..	55.34	55.82	56.81	54.71	54.76	57.41	55.81	24.6	24.4	28.5	32.2	28.6	24.8	27.2	33.6	24.2	97	97	81	63	68	94	83.3	10.7
3..	56.66	56.15	56.63	55.01	55.72	56.77	56.16	24.7	24	28.2	31.4	25.1	24.5	26.3	32.7	23.8	94	96	83	68	94	95	88.3	18.6
4..	56.42	56.27	56.61	55.18	54.76	56.77	56	23.7	23.6	26.8	30.5	28.2	24	26.1	32	23.3	97	97	86	68	83	96	87.8	6.9
5..	55.84	56.69	57.15	55.56	56.44	57.91	56.60	24.1	24	28.2	32.5	25.1	24.8	26.4	33.7	23.6	98	98	77	61	91	94	86.5	4.6
6..	57.87	58.54	58.80	56.75	58.54	58.81	58.22	24.4	24.1	28	32.8	24.4	23.6	26.2	34	23.4	97	97	79	65	92	97	87.8	25.6
7..	58.16	58.51	58.85	57.14	56.93	58.08	57.95	23.7	23.8	27.2	27.7	27.8	25.7	26	32	23.1	95	96	83	90	86	95	90.8	9.4
8..	56.93	57.77	58.13	56.58	57.06	58.41	57.46	25	24.2	28.2	30	26.5	24.7	26.4	32.5	24	97	99	83	75	85	95	89	2.8
9..	57.80	58.20	58.42	56.86	56.81	58.05	57.69	24.5	24.4	27.7	32	28.7	26	27.2	32.4	24	96	97	79	64	81	93	85	.....
10..	57.29	57.30	57.82	55.78	55.05	54.62	56.31	25.5	25	29	27.3	26.3	24.4	26.2	30	23.67	95	98	83	94	95	96	93.5	93.7
11..	50.48	48.49	49.35	50.75	52.31	54.79	51.03	24	23.5	24	23.8	25.5	24.2	24.2	26	22.5	97	97	95	93	81	91	92.3	36.1
12..	54.53	55.50	56.17	55.02	55.43	58.50	55.86	23.7	23	30.4	33.1	31.3	26.2	28	34.5	22.7	93	96	63	62	73	88	79.2	2.8
13..	57.60	57.91	57.87	55.83	55.91	58.36	57.25	25.2	24.3	29	33.3	30.5	26.6	28.2	34.8	24	93	97	81	62	72	91	82.7	.....
14..	57.26	57.47	58.26	55.76	55.74	57.28	56.96	24.8	24.3	28.8	33.6	29.1	26.3	27.8	34	24	97	97	75	58	73	90	81.7	.....
15..	55.92	56.46	56.98	55.22	54.91	56.40	55.98	25.6	25.3	29.7	33.5	28.2	26.8	28.2	33.9	24.6	95	96	72	61	69	78	78.5	.....
16..	55.16	54.72	54.47	52.27	52.71	53.11	53.74	25.2	24.1	29.6	32.6	26.1	25.6	27.2	33	23.5	85	92	74	61	91	92	82.5	.....
17..	51.47	50.84	50.36	49.28	49.04	49.35	50.06	24.7	24.3	29.5	29.2	25	24.4	26.2	30.2	24	91	89	75	72	95	95	86.2	40.9
18..	47.45	48.36	48.79	49.08	49.29	51.08	49.01	24	24.3	26.5	26.2	26	26.2	25.5	26.8	23.8	97	96	73	94	97	83	90	3
19..	51.53	51.52	52.81	52.11	52.77	54.50	52.54	26.1	26.3	29.4	30	28.1	26	27.6	30	24.3	82	76	74	73	85	84	79	.....
20..	53.96	54.42	55.73	55.20	56.06	57.56	55.49	25.2	25	30	30.8	28.4	26.4	27.6	31	24	85	83	65	68	82	92	79.2	.....
21..	57.71	57.80	58.52	56.52	58.41	60.45	58.23	25.1	23.8	29.8	34.7	26.1	24.6	27.4	36.5	22.4	92	94	71	54	80	96	81.2	.....
22..	60.08	59.92	59.82	58.14	58.16	60.13	59.37	23.7	23	28.4	33.5	29.2	26	27.3	34	22.3	95	94	75	61	71	89	80.8	.....
23..	59.21	59.39	59.51	58.01	58.90	60.44	59.24	25.4	25.5	29.4	34	29.1	26.4	28.3	35.6	24.4	91	88	74	59	72	90	79	.....
24..	60.20	60.66	60.73	58.64	58.70	60.01	59.82	24	23.5	29.6	34.4	30.5	26.7	28.1	36	23	93	94	72	52	71	88	78.3	.....
25..	59.31	59.90	60.13	57.41	57.87	59.98	59.10	25.3	25	29.8	34	27.1	25.9	27.8	35.5	24.7	92	96	75	58	81	90	82	.....
26..	58.56	58.84	59.13	56.64	56.46	57.93	57.93	25.1	24.4	29.2	34.5	30.5	27	28.4	35.9	24	91	91	72	56	75	84	78.2	8.1
27..	57.37	58.05	58.43	56.54	56.94	58.97	57.72	26.2	25.5	30	35.2	29.6	27.1	28.9	37	25.3	90	96	75	55	76	90	80.3	.....
28..	58.33	58.86	59.51	56.77	56.51	58.74	58.12	25.9	25.2	30.5	36	30.3	27.7	29.3	38.3	25.1	93	96	72	38	70	87	76	.....
29..	57.90	58.06	58.18	55.49	54.81	56.81	56.87	26.1	25.5	30.5	35.6	30.2	27	29.2	36.5	25.1	91	94	69	49	67	86	76	.....
30..	55.76	56.03	56.70	54.49	53.92	56.63	55.59	26.1	25.5	30.5	36.8	30.7	26.8	29.4	38.1	25.1	93	96	72	41	70	91	77.2	.....
31..	55.84	55.86	56.45	54.28	53.93	56.13	55.41	25.1	23.9	30.4	36.1	30.6	26.8	28.8	37.5	23.5	92	92	69	42	61	86	73.7	.....
Mean	56.24	56.46	56.88	55.22	55.48	57.12	56.23	24.9	24.4	28.9	32.3	28	25.7	27.4	33.6	23.8	93.1	94.3	76	63.9	80	90.7	83	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	277

Day.	Wind.														Clouds.						
	2a. m.		6a. m.		10a. m.		2p. m.		6p. m.		10p. m.		Mean force.		6a. m.			2 p. m.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.		
																Upper.	Lower.		Upper.	Lower.	
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–12*	*0–10*			*0–10*			
1..	Calm	....	SW	1	SSE	1	SW	1	Calm	....	Calm	....	0.5	10	.....	Cu.-N. S	6	Ci.	Cu. SW		
2..	Calm	....	Calm	....	SW	1	Calm	....	NW	1	SE	1	.5	7	Ci.	Cu.-N. NW	8	.....	Cu.-N. W		
3..	Calm	....	SSE	1	Calm	....	SW	1	Calm	....	SE	1	.5	7	.....	S.-Cu.	10	.....	Cu.-N. W		
4..	Calm	....	Calm	....	SE	1	SE	1	E	1	Calm	....	.5	10	.....	N.	8	Ci.-S.	Fr.-Cu.		
5..	Calm	....	Calm	....	S	1	SW	2	N	2	W	2	1.2	10	.....	N. S	5	Ci.	Cu. SE		
6..	NW	1	Calm	....	E	1	NW	1	NW	2	Calm	....	.8	7	A.-Cu.	Cu. S	8	A.-Cu.	Cu. NW		
7..	Calm	....	Calm	....	E	1	Calm	....	NE	1	Calm	....	.3	10	.....	N.	10	.....	Cu.-N. SE		
8..	Calm	....	Calm	....	SSW	1	Calm	....	Calm	....	Calm	....	.2	10	.....	Cu.-N. S	7	Ci.-Cu.	Cu.-N. NE		
9..	NW	1	Calm	....	Calm	....	NE	1	NW	1	NW	1	.7	7	.....	Cu.-N. NE	7	Ci.	Cu. NE		
10..	Calm	....	Calm	....	Calm	....	N	2	NW	1	NW	3	1	7	.....	Cu.-N. N	10	.....	Cu.-N.NE		
11..	NW	3	SE	4	S	5	SE	4	SE	2	SE	1	3.2	10	.....	N.	10	.....	N. S		
12..	SE	2	Calm	....	SE	2	SSE	1	Calm	....	N	1	1	7	.....	S.-Cu.	8	Ci.-S.	Cu.-N. SW		
13..	S	1	Calm	....	SE	1	Calm	....	NE	1	NW	1	.8	7	Ci.	S.-Cu.	5	Ci.-S.	Cu.		
14..	SE	1	SE	1	SW	1	NE	1	NW	1	Calm	....	.8	8	.....	N. SE	3	Ci.-Cu.	Fr.-Cu.		
15..	NW	1	Calm	....	N	1	NE	2	NE	2	NE	2	1.3	5	Ci.	S.-Cu. N	6	.....	Cu. N		
16..	NE	1	NW	1	NW	1	NW	2	NE	3	Calm	....	1.3	3	Ci.	Fr.-S.	9	Ci.	Cu. N		
17..	Calm	....	Calm	....	NW	1	W	1	Calm	....	S	1	.5	8	.....	Cu.-N. N	10	.....	cu.-N.WNW		
18..	S	1	S	1	SE	1	Calm	....	Calm	....	SE	2	.8	10	.....	N. W	10	.....	N.		
19..	S	1	E	2	SE	1	SE	1	SSE	1	SE	1	1.2	8	.....	Fr.-N. SW	8	.....	Cu.-N. S		
20..	SE	1	S	1	SE	1	SE	1	Calm	....	Calm	....	.7	10	.....	S.-Cu. S	7	.....	Cu.-N. SE		
21..	Calm	....	Calm	....	SE	1	Calm	....	NE	2	N	1	.7	7	A.-Cu.	Cu. S	3	Ci.	.....		
22..	SE	1	S	1	SSW	1	Calm	....	NE	1	NE	1	.8	5	.....	S.-Cu. S	0	.....	.....		
23..	S	1	S	1	SE	1	NW	1	N	2	NW	1	1.2	7	.....	S.-Cu. S	3	.....	Fr.-Cu.		
24..	SE	2	SE	1	S	1	E	1	NE	1	Calm	....	1	7	.....	S.-Cu. S	4	Ci.	Fr.-Cu. S		
25..	SW	1	Calm	....	SE	1	NE	2	NW	1	SE	1	1	7	Ci.	Cu.-N. N	7	.....	Cu.-N.NE		
26..	SE	1	SE	1	SE	1	Calm	....	WSW	1	NW	1	.8	7	.....	Cu. SW	1	.....	Fr.-Cu.		
27..	Calm	....	Calm	....	SE	1	E	1	NE	1	Calm	....	.7	10	.....	Cu.-N. SE	2	.....	Fr.-Cu.		
28..	Calm	....	Calm	....	Calm	....	SW	1	NE	1	Calm	....	.3	5	.....	S.-Cu. S	4	.....	Cu. N		
29..	Calm	....	SE	1	Calm	....	NW	1	N	1	NW	1	.7	7	.....	S.-Cu. N	7	.....	Cu. N		
30..	SE	1	SE	1	SSE	1	SW	1	ENE	1	Calm	....	.8	9	.....	S.-Cu.	7	.....	Cu. SE		
31..	Calm	....	Calm	....	Calm	....	W	1	ENE	1	Calm	....	.3	0	.....	.....	6	.....	Cu. NE		
Mean	.....	0.7	.....	0.6	.....	1	.....	1	.....	1	.....	0.7	0.8	7.5	.....	.....	6.4	.....	.....		

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 22 meters; gravity correction not applied, —1.61 mm.]

SEPTEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	55.89	56.05	56.50	54.04	54.43	55.13	55.34	25.1	24.3	29.5	31.5	29	27.3	27.8	32.4	24	92	91	73	72	80	90	83	.....
2..	54.66	55.60	56.38	53.69	53.97	56.33	55.11	25.9	25.4	30.3	32.1	30	25.9	28.3	36	25.2	92	93	70	69	75	93	82	3.3
3..	54.79	55.68	56.21	54.25	56.39	57.56	55.81	24.9	24.6	30.2	35.1	22.6	22.5	26.6	36.8	21.9	96	96	70	49	99	99	84.8	74.5
4..	56.24	56.93	57.47	55.53	55.10	56.58	56.31	22.7	23.1	25.8	28.5	27.8	25.6	25.6	29.2	21.7	100	100	94	81	88	96	93.2	.....
5..	56.21	57.05	57.26	55.20	55.26	57.35	56.39	25.1	24.4	30	31.7	28	25.7	27.5	33.4	24.2	96	97	75	66	77	94	84.2	.....
6..	56.75	56.95	56.94	55.37	55.41	57.07	56.41	24.6	24.2	28.6	33	29.4	26.3	27.7	33.4	24	94	94	74	54	74	90	80	.....
7..	56.23	56.60	56.82	54.37	54.86	57.08	55.99	25.3	24	29	34.7	27.6	23.5	27.4	36.2	23	93	97	76	56	89	96	84.5	34.3
8..	56.01	56.55	57.02	55.51	55.33	57.21	56.27	23.8	24.2	28.2	31	27.4	25.4	26.7	32	23.4	97	98	81	69	86	93	87.3	.....
9..	56.31	56.84	57.24	55.47	55.63	57.18	56.45	25.3	25.1	29.6	30.6	26.5	26.2	27.2	32.4	24.8	94	96	77	74	91	94	87.7	.....
10..	56.09	56.01	56.14	54.56	53.62	53.08	54.92	24.9	24.4	27	24.4	24.5	24.2	24.9	28.5	23.5	95	97	88	98	97	98	95.5	74.4
11..	51.49	51.09	51.65	51.49	52.04	54.22	52	23.8	23.1	23.7	26.6	26.4	25	24.8	27.8	22.7	98	99	94	91	82	85	91.5	14.5
12..	54.11	54.81	56.20	55.42	56.16	58.80	55.92	24.8	24	29.5	34	27	23.6	27.2	35.4	23.1	91	97	69	53	92	98	83.3	55.6
13..	58.21	58.42	59.53	57.98	57.83	59.15	58.52	23	22.9	26	31.1	27.1	25.4	25.9	32.3	22.5	97	100	92	71	91	96	91.2	.....
14..	58.68	58.80	60.40	59.52	58.75	59.91	59.34	24.2	24.1	24	24.7	24.7	23.7	24.2	25.7	22.8	98	99	98	94	94	98	96.8	43.2
15..	59.52	59.91	60.23	57.92	57.44	59.39	59.07	22.4	22.2	27.1	32	27.5	25.6	26.1	34	21.9	98	100	79	64	76	89	84.3	.....
16..	59.04	59.57	59.87	57.11	57.20	58.39	58.53	24	23.8	28.4	33.6	28.2	25.4	27.2	34.6	23.5	94	95	80	60	74	88	81.8	.....
17..	58.30	58.45	59.63	57.54	57.43	59.70	58.51	24.5	23.7	28.1	32.7	29.2	25.5	27.3	33	23.6	91	96	79	57	77	88	81.3	.....
18..	59.06	59.52	60.21	58.46	58.66	60.34	59.37	24.7	24	28.7	31.5	29.6	26	27.4	32.2	23.7	91	93	80	70	78	92	84	.....
19..	60.25	60.30	60.26	58.21	58.13	59.52	59.45	24.7	24.6	28.8	34	28.2	25.6	27.6	34.6	24.2	95	95	77	59	72	89	81.2	.....
20..	59.38	59.37	60.13	57.35	57.43	59.05	58.79	23.6	23.1	28.1	33.7	27.7	25.4	26.9	34.8	22.6	95	96	78	56	79	93	82.8	.....
21..	58.64	58.94	59.98	57.88	58.64	60.10	59.03	24.2	23.5	27.9	30.5	27	25	26.4	33.3	22.8	96	97	82	69	80	92	86	.....
22..	59.21	59.42	60.05	57.56	58.06	59.33	58.94	23.9	23.5	27.3	33	26	25	26.4	33.3	22.6	96	97	82	59	85	92	85.2	.....
23..	58.36	58.44	58.56	55.96	56.67	58.27	57.71	24.1	23.5	28.3	34	26.7	25.5	27	34.6	23.4	97	97	79	55	85	91	84	.....
24..	58.08	58.10	58.72	55.65	55.67	57.55	57.29	25	25	28.4	33.7	28.1	26	27.7	34.5	24.5	96	92	75	55	77	90	80.8	.....
25..	56.65	56.66	57.60	55.09	55.57	57.18	56.46	24.5	24.4	27.1	33	27	25.6	26.9	33.1	24	97	97	87	67	84	93	87.5	.....
26..	56.04	56.61	57.42	55.71	56.53	58.21	56.75	25	24.1	28.3	33.5	27.2	25.5	27.3	34.3	23.5	96	97	77	59	87	92	84.7	.....
27..	57.31	57.60	58.12	56.01	55.77	57.38	57.03	24.8	24.4	29	29.1	27.7	25.5	26.8	32.6	24.1	94	97	78	77	85	92	87.2	.....
28..	56.55	56.50	56.66	54.80	55.42	56.82	56.13	24.5	23.6	30	31.6	28.4	25.6	27.3	34	23.1	96	95	70	66	80	90	82.8	.....
29..	56.23	56.05	57.37	54.89	56.35	57.85	56.46	24.8	24.6	29.4	34.6	25.8	25.5	27.4	35.5	24.2	95	95	75	49	82	85	80.2	.....
30..	57.27	57.30	58.12	55.51	56.57	59.18	57.33	24.6	24.5	28.5	34.4	27.5	25.5	27.5	35.2	24	92	94	78	52	84	93	82.2	.....
Mean	57.05	57.34	57.96	55.94	56.21	57.83	57.05	24.4	24	28.2	31.8	27.3	25.3	26.8	33.2	23.4	95.1	96.2	79.6	65.7	83.3	92.3	85.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	299.8

Day.	Wind.													Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	Calm	....	Calm	....	Calm	....	Calm	....	NW	1	Calm	....	0.2	6	.....	Cu.	8	.....	Cu.-N. SE
2..	Calm	....	Calm	....	SE	1	E	1	Calm	....	Calm	....	.3	9	.....	Cu.-N. S	8	.....	Cu.-N. S
3..	S	1	Calm	....	SE	1	SW	1	SW	4	Calm	....	1.2	8	.....	S.-Cu. S	5	Ci.-S.	Cu.
4..	Calm	....	Calm	....	SW	1	S	1	Calm	....	Calm	....	.3	6	.....	N.	10	.....	Cu.-N. SE
5..	Calm	....	Calm	....	NW	1	N	2	NE	1	NE	1	.8	9	.....	Cu.-N. N	6	Ci.-S.	Cu. N
6..	Calm	....	Calm	....	W	1	NE	1	Calm	....	Calm	....	.3	4	.....	S.-Cu. NW	7	Ci.	Fr.-Cu. N
7..	Calm	....	Calm	....	Calm	....	SW	1	NW	2	Calm	....	.5	6	Ci.	S.-Cu.	5	Ci.	Fr.-Cu.
8..	Calm	....	Calm	....	S	1	Calm	....	Calm	....	Calm	....	.3	10	.....	Cu.-N. S	10	Ci.-S.	Cu.-N. NE
9..	Calm	....	Calm	....	SE	1	Calm	....	Calm	....	N	1	.3	10	.....	N. N	10	.....	Cu.-N. N
10..	Calm	....	Calm	....	NW	2	NE	1	NW	1	NW	3	1.2	10	.....	Cu.-N.	10	.....	N. NW
11..	NW	3	Calm	....	SE	1	S	1	SE	2	SE	2	1.5	10	.....	N.	8	.....	Cu.-N. SW
12..	SW	1	SW	1	SSE	1	SE	1	N	1	Calm	....	.8	10	.....	S.-Cu. S	6	Ci.	Cu. S
13..	SE	1	Calm	....	SW	1	Calm	....	Calm	....	NE	1	.5	8	.....	N.	8	.....	Cu.-N.NE
14..	Calm	....	Calm	....	SE	1	NE	1	Calm	....	Calm	....	.3	10	.....	N.	10	.....	N. N
15..	SW	1	S	1	SSE	1	W	1	Calm	....	NE	1	.8	10	.....	Cu.-N. S	2	.....	Fr.-Cu.
16..	SE	1	S	1	E	1	NW	1	N	1	NW	1	1	8	Ci.	Cu. S	4	Ci.	Fr.-Cu. E
17..	Calm	....	Calm	....	Calm	....	Calm	....	NE	1	Calm	....	.2	6	Ci.	S.-Cu.	6	Ci.	Cu. E
18..	Calm	....	Calm	....	SE	1	SE	1	Calm	....	Calm	....	.3	10	Ci.	Cu.-N. S	8	.....	Cu. N
19..	Calm	....	Calm	....	SW	1	NE	1	Calm	....	W	1	.5	7	.....	S.-Cu.	7	.....	Cu.-N. S
20..	SW	1	Calm	....	S	1	WSW	1	NE	1	N	1	.8	7	Ci.	S.-Cu. S	6	Ci.	Cu. NE
21..	Calm	....	Calm	....	SE	1	S	1	Calm	....	NE	1	.5	10	.....	N.	7	Ci.	Cu. S
22..	S	1	S	1	SW	1	NW	1	Calm	....	SE	1	.8	6	.....	S.-Cu. S	7	.....	Cu. SE
23..	Calm	....	Calm	....	SE	1	WSW	1	N	1	Calm	....	.5	4	Ci.	Cu. S	4	.....	Fr.-Cu. S
24..	Calm	....	Calm	....	SW	1	SE	1	NW	1	NW	2	.8	10	.....	Cu.-N. S	6	.....	Cu. N
25..	Calm	....	Calm	....	Calm	....	WNW	1	NW	2	Calm	....	.5	10	.....	Cu.-N. S	8	Ci.	Cu.-N. N
26..	Calm	....	Calm	....	N	1	NE	1	NW	1	NW	1	.7	10	.....	N.	7	.....	Cu.-N.NE
27..	Calm	....	Calm	....	E	1	N	2	NW	1	N	1	.8	10	.....	N.	10	.....	Cu.-N. N
28..	Calm	....	S	1	NW	1	NE	1	Calm	....	Calm	....	.5	10	.....	Cu.-N. SE	4	Ci.	Cu. N
29..	Calm	....	Calm	....	ESE	1	NW	2	W	1	S	1	.8	8	.....	S.-Cu. N	4	.....	Fr.-Cu. N
30..	S	1	S	1	SW	1	NE	1	NE	1	NW	1	1	5	Ci.	S.-Cu.	6	Ci.	Cu. N
Mean	.....	0.4	.....	0.2	.....	0.9	.....	0.9	.....	0.8	.....	0.7	0.6	8.2	.....	.....	6.9	.....	.....

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 22 meters; gravity correction not applied, —1.61 mm.]

OCTOBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.14	58.91	60.13	57.42	57.57	58.98	58.53	24.8	24.5	27.5	28	26.5	25	26	29.8	24.2	93	93	82	79	86	92	87.5	24.7
2..	58.75	59.21	60.20	57.55	57.22	59.38	58.22	24.3	24.1	26	30.4	28.6	25.5	26.5	31.7	23.4	94	97	91	70	78	92	87	2.8
3..	58.57	58.97	59.44	56.80	56.97	58.43	58.20	24.1	23.5	27.6	31.6	27.5	25.5	26.6	32.7	23.3	94	96	82	63	76	90	83.5	.....
4..	57.25	57.91	58.44	55.86	56.36	57.68	57.25	24.2	24.3	26.6	29.7	26.8	25.4	26.2	31.8	23.1	94	95	90	75	85	93	88.7	9.9
5..	56.10	56.52	56.55	55.25	54.66	55.32	55.73	24	23.6	27.1	27	26.1	24.9	25.4	29.6	23.3	97	98	84	85	91	95	91.7	9.1
6..	53.98	54.26	54.82	52.39	52.47	53.23	53.53	24.2	24.1	24.6	29	26.4	25.4	25.6	30.2	23.7	96	97	96	78	89	93	91.5	4.8
7..	51.97	52.22	52.43	50.66	51.68	53.06	52	24.6	24.5	27.2	27.6	26.1	24.1	25.7	29.7	23.7	95	94	89	89	93	96	92.7	27.2
8..	52.41	53.23	54.96	53.55	54.30	55.86	54.05	24	24	26.2	29	25.5	24.4	25.5	29.3	23.5	96	95	91	81	88	93	90.7	9.4
9..	55.21	56.07	57.38	55.70	56.31	57.95	56.44	24	23.1	27.4	30.2	27.6	25.5	26.3	31	22.7	95	97	81	70	82	93	86.3	.....
10..	56.93	57.51	58.45	56.53	56.99	58.38	57.47	24.8	24.4	27.1	27.6	25	25	25.6	28.4	24	95	97	84	94	95	97	93.7	5.3
11..	57.29	57.90	59.14	57.76	58.32	60.10	58.42	24.8	24.5	26	29.8	27	25.5	26.3	31	24.1	97	97	92	73	88	96	90.5	.....
12..	59.40	59.44	60.78	58.31	58.56	59.65	59.36	24.3	23.6	27.6	30.6	27.1	24.3	26.2	32	23.4	96	96	83	65	81	92	85.5	1
13..	59.47	59.81	60.86	58.29	58.87	60.48	59.63	23.6	23.1	27.5	32	26.6	25.2	26.3	32.4	22.5	94	97	81	63	87	95	86.2	.....
14..	59.66	59.95	60.69	58.13	59.38	60.13	59.66	24.2	23.8	27.4	26.6	26.2	25.1	25.6	30.8	23.5	95	96	81	87	91	93	90.5	7.1
15..	58.82	59.41	60.50	57.06	58.12	59.78	58.95	24.3	23.5	26.5	31.4	26.6	24.8	26.2	32.1	23	95	97	86	66	89	92	87.5	.....
16..	58.56	58.95	60.03	57.76	57.58	59.39	58.71	24.2	24	26.9	28.1	27.2	25.3	26	31.5	23.8	98	97	86	77	85	94	89.5	.....
17..	58.20	58.41	59.46	57.53	57.64	58.91	58.36	23.8	22.9	28.4	26.5	25.4	23.6	25.1	30.3	22.5	95	97	75	89	85	86	87.8	19.6
18..	58.52	58.94	59.76	56.87	57.39	58.49	58.33	22.5	22	26	30	27.1	24.6	25.4	30.9	21.6	96	96	81	69	81	97	86.7	.....
19..	58.18	58.67	59.59	57.93	57.88	58.95	58.53	23.6	23.5	27	28	25.7	23.7	25.2	28.3	23.2	97	96	84	78	93	94	90.3	8.4
20..	58.25	58.66	59.35	57.18	57.35	58.66	58.24	23.4	23.5	26.6	28.9	25.8	24.7	25.5	30.5	23	97	96	87	74	82	92	88	.....
21..	57.94	58.74	59.45	57.08	57.35	59.01	58.26	23.7	23.5	27	31	26.7	25	26.2	31.8	23.2	96	96	83	67	79	92	85.5	.....
22..	58	58.21	59.79	56.39	57.91	59.03	58.22	24.3	23.8	27.5	31.6	27.5	25.8	26.8	32.4	23.5	96	96	81	64	82	90	84.8	.....
23..	57.88	58.62	59.47	57.14	57.36	58.62	58.18	25	24.1	27.5	32.2	28.4	25.7	27.2	32.6	23.6	93	95	83	66	82	93	85.3	.....
24..	58.29	58.87	59.18	56.63	57.18	58.94	58.18	24.5	24.3	29	33.5	29	25.3	27.6	34.4	24	97	94	75	60	74	90	81.7	.....
25..	57.81	58.28	58.81	55.75	56.72	58.14	57.58	24.8	25	29	33.6	27.5	25.7	27.6	34.3	24.4	98	95	81	58	83	91	84.3	.....
26..	57.23	57.60	58.95	55.86	56.88	57.58	57.35	24.9	24.3	29.6	32.2	26.5	25	27.1	32.8	23.4	95	97	75	62	87	93	84.8	.....
27..	56.26	56.95	58.13	55.05	56	57.15	56.59	24.6	24.2	29.2	33	28.2	26.1	27.6	33.7	24	95	94	72	58	80	91	81.7	.....
28..	56.45	57.65	59.12	56.58	57.58	59.40	57.80	25.6	24.7	27.8	33.8	29	25.8	27.8	34.8	23.8	93	96	79	55	80	89	82	.....
29..	59.21	59.92	60.69	58.09	58.43	60.28	59.44	24.5	24.1	27.5	34	29	24.8	27.3	34.4	23.7	96	96	81	49	67	89	79.7	.....
30..	59.52	60.06	60.67	58.79	59.03	59.95	59.67	23.8	22.6	28	32.5	28	24.6	26.6	33.2	22.5	97	97	77	61	73	89	82.3	.....
31..	58.70	59.47	60.13	57.86	58.05	59.13	58.89	22.4	22	28	34.5	27.6	24.4	26.5	34.8	21.6	95	96	74	52	73	90	80	.....
Mean	57.51	58.04	58.95	56.57	57.04	58.39	57.75	24.2	23.8	27.3	30.4	27	25	26.3	31.7	23.3	95.5	96	82.8	70.2	83.4	92.3	86.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	129.3

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.	
																Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*		*0–10*			*0–10*		
1..	N	1	Calm	....	NE	1	Calm	....	NW	1	NW	1	0.7		10	.....	Cu.-N. N	8	Ci.	Cu.-N. N
2..	Calm	....	Calm	....	SE	1	SE	1	Calm	....	SE	1	.5		10	.....	N.	6	Ci.	Cu. E
3..	SW	1	SW	1	NE	1	N	1	N	2	NW	1	1.2		8	Ci.	Cu.-N. S	6	Ci.	Cu. NW
4..	NW	1	Calm	....	Calm	....	NE	1	NW	1	Calm	....	.5		10	.....	N.	8	.....	Cu.-N. N
5..	NW	1	N	1	N	1	NE	2	NE	1	NE	1	1.2		6	Ci.	Cu.-N. NE	10	.....	Cu.-N. N
6..	N	1	NE	1	NW	2	NW	2	NW	2	NW	3	1.8		10	.....	Cu.-N. N	8	.....	Cu.-N. N
7..	NW	1	NW	2	NW	2	N	2	NW	1	N	1	1.5		6	Ci.	S.-Cu. N	10	.....	Cu.-N. N
8..	Calm	....	Calm	....	NW	1	NE	2	NW	1	Calm	....	.7		8	.....	S.-Cu. NE	7	.....	Cu.-N. N
9..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0		10	.....	S.-Cu. N	7	.....	Cu.-N. S
10..	NE	1	N	1	NE	1	NE	1	Calm	....	Calm	....	.7		10	.....	Cu.-N. N	10	.....	Cu.-N. E
11..	SW	1	S	1	SSW	1	Calm	....	Calm	....	Calm	....	.5		10	.....	N.	10	Ci.-S.	Cu.-N. S
12..	Calm	....	Calm	....	E	1	NE	1	Calm	....	Calm	....	.3		3	Ci.	.....	8	Ci.-S.	Cu. SE
13..	Calm	....	Calm	....	Calm	....	NW	1	N	1	NE	1	.5		7	Ci.	Cu.-N. N	7	Ci.-S.	Cu.-N. N
14..	Calm	....	Calm	....	Calm	....	NE	1	NW	1	Calm	....	.3		6	.....	cu.-N. NW	8	.....	Cu.-N. N
15..	SE	1	Calm	....	SW	1	NW	1	NW	1	N	1	.8		10	.....	N.	4	.....	Cu.-N. SE
16..	S	1	Calm	....	SE	1	S	1	SE	1	Calm	....	.7		8	.....	S.-Cu. S	10	.....	Cu.-N. S
17..	Calm	....	Calm	....	NE	1	Calm	....	NW	1	Calm	....	.3		3	.....	Cu.	7	.....	cu.-N. NW
18..	Calm	....	Calm	....	N	1	Calm	....	Calm	....	Calm	....	.2		5	Ci.	S.-Cu. NE	10	.....	Cu.-N. NE
19..	Calm	....	Calm	....	E	1	Calm	....	Calm	....	Calm	....	.2		8	.....	Cu.-N. E	10	.....	Cu.-N. NE
20..	Calm	....	Calm	....	NE	1	NE	1	NW	1	NW	1	.7		10	.....	Cu.-N. SE	8	.....	Cu.-N.
21..	N	1	NW	1	NW	1	WNW	1	NW	1	NW	1	1		7	.....	S.-Cu. NW	6	.....	Cu.-N. N
22..	N	1	Calm	....	Calm	....	N	1	NW	1	W	1	.7		5	.....	S.-Cu. N	6	Ci.-S.	Cu. NW
23..	Calm	....	Calm	....	SW	1	E	1	NE	1	NE	1	.7		7	.....	S.-Cu.	6	Ci.-S.	Cu. NE
24..	SE	1	SE	1	ESE	1	SE	1	Calm	....	Calm	....	.7		6	Ci.	S.-Cu.	4	.....	Cu. W
25..	Calm	....	Calm	....	SE	1	SW	1	NW	1	N	1	.7		6	Ci.	S.-Cu. SW	6	.....	Cu. S
26..	Calm	....	Calm	....	SW	1	N	1	Calm	....	W	1	.5		8	Ci.	S.-Cu.	8	.....	Cu.-N. NE
27..	SE	1	SE	1	S	1	SE	1	Calm	....	NW	1	.8		8	.....	N. S	6	Ci.	Cu. SE
28..	SE	1	SW	1	SE	1	Calm	....	NE	1	Calm	....	.7		10	.....	N.	6	.....	Cu. S
29..	WSW	1	SE	1	SW	1	SE	1	Calm	....	Calm	....	.7		10	.....	N. SE	4	Ci.	.....
30..	Calm	....	Calm	....	Calm	....	SE	1	NW	1	NW	1	.5		6	Ci.	.....	7	.....	Cu. E
31..	SW	1	S	1	Calm	....	S	1	Calm	....	N	1	.7		2	.....	Fr.-S.	4	.....	Cu. E
Mean	.....	0.5	.....	0.4	.....	0.8	.....	0.9	.....	0.7	.....	0.6	0.7		7.6	.....	.....	7.3	.....	.....

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 22 meters; gravity correction not applied, −1.61 mm.]

NOVEMBER, 1917.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.22	59.01	59.38	57.15	57.16	58.55	58.24	22.7	22	28.1	31.6	28.5	25.1	26.3	34	20.8	97	96	73	62	74	87	81.5	.....
2..	57.50	58.75	60.05	57.64	57.73	59.38	58.51	22.8	21.6	27.2	32.1	28.2	24.8	26.1	34.2	21.5	91	95	73	60	77	88	80.7	.....
3..	58.71	59.95	60.78	58.32	59.09	60.37	59.54	24.4	23.5	29.3	32.3	29	25	27.2	33.6	22.8	91	92	70	60	74	88	79.2	.....
4..	57.81	60.42	61.81	59.44	60.13	61.68	60.55	23.6	23.4	28.6	33.3	27	25.4	26.9	34.2	22	90	91	74	51	80	97	80.5	9.1
5..	61.02	61.70	61.96	60.82	60.85	61.78	61.36	24.6	24.4	27	24.5	24	23.5	24.7	28	23	97	97	86	96	93	96	94.2	23.9
6..	61.07	61.32	62.98	60.33	61.01	62.50	61.54	23.4	23.5	26.5	31	25.8	23.9	25.7	32	22.2	97	97	87	62	80	88	85.2	14.9
7..	61.40	61.70	62.88	61.38	61.59	62.68	61.94	22.6	22.6	23.4	24.3	23.4	23	23.2	25	22	97	97	97	97	96	94	96.3	58.3
8..	61.56	61.64	63.76	62.35	61.89	62.11	62.22	22.6	22.6	23	23	22.9	22.7	22.8	23.5	22	95	96	96	100	96	97	96.7	50.5
9..	61.05	60.97	61.23	58.38	59.06	59.71	60.07	22.3	22	26.6	27.6	24.6	23.7	24.5	28.7	21.8	96	96	83	79	97	97	91.3	37.1
10..	57.96	58.72	59.79	57.63	58	59.42	58.59	23.5	23.6	25.3	28.4	25	24	25	29	23.3	98	99	93	82	91	95	93	2
11..	58.70	59.18	60.82	58.47	59.73	61.37	59.71	23.5	23	23.7	26.5	22.6	22.2	23.6	26.8	21.6	95	95	90	79	90	96	90.8	.....
12..	60.97	61.27	62.28	60.25	60.70	62.54	61.34	21.9	21.8	25.7	28	23.1	22.1	23.8	28	21	93	89	78	68	88	90	84.3	.....
13..	61.46	62.19	62.72	61.07	60.77	61.70	61.65	21.2	20.8	25.9	25.1	24.4	22.1	23.2	28.2	20.6	95	97	78	87	93	95	90.8	.....
14..	60.49	60.78	61.38	59.01	58.75	59.69	60.02	21.5	21	26.1	29	25.2	23.4	24.4	29.4	20.4	95	95	79	69	83	93	85.7	4.1
15..	59.06	59.17	60.39	57.74	58.04	59.67	59.01	22.9	22.7	25	28.3	24.7	22.7	24.4	28.5	22.2	95	97	92	75	92	90	90.2	10.1
16..	59.31	59.77	60.70	59.61	59.83	60.87	60.02	22.4	22.1	25	25.5	22.5	21.9	23.2	26.4	21.3	93	95	79	77	90	98	88.7	.....
17..	60.03	60.74	61.11	58.83	59.04	59.63	59.90	21.5	21.2	24.7	26.5	23.9	22.8	23.4	28	21	96	95	84	78	86	93	88.7	.....
18..	59.23	59.75	59.54	57.64	58.42	59.51	59.02	22.5	22.1	27.5	27.1	25.1	23.5	24.6	29.5	21.8	96	95	74	69	87	90	85.2	.....
19..	58.53	58.71	59.75	58	58.55	59.61	58.86	23	22.8	26.7	27	25.1	23.8	24.7	27.7	22.3	91	91	72	67	77	86	80.7	.....
20..	59.12	59.75	60.72	59.48	59.95	61.69	60.12	22.9	22.5	25.4	25.2	22.5	21.4	23.3	26	21.2	97	98	81	82	92	100	91.7	5.6
21..	60.79	61.70	62.65	61.10	61.32	61.98	61.59	21.3	21.3	23.5	23.5	23	23	22.6	24.3	21	100	99	87	96	93	93	94.7	1.8
22..	61.06	61.31	62.13	61.35	61.80	62.13	61.63	23.1	23	24.6	23.1	22.3	21.5	22.9	25.2	21.1	94	93	89	94	95	99	94	53.4
23..	60.94	60.86	61.79	59.40	59.29	60.71	60.50	22.7	22.6	24	25.4	24.5	23	23.7	25.7	21.3	93	98	97	89	92	97	94.3	4.8
24..	59.88	60.75	61.48	58.94	59.32	60.82	60.20	22.7	23	23.5	24.2	23.6	23.7	23.4	24.7	22.5	98	98	97	94	91	90	94.7	25.1
25..	59.95	60.27	60.87	60.21	60.35	60.35	60.33	23.6	22.9	24.2	23	22.7	22.3	23.1	24.9	21.2	90	90	86	95	97	97	92.5	29.7
26..	59.65	60.15	60.81	58.90	59.60	60.04	59.86	22.1	22	24.3	25	24.7	23.6	23.6	25.8	21.7	97	97	93	92	94	98	95.2	.....
27..	59.37	59.63	60.40	57.91	58.20	59.72	59.20	23.2	23	25	28.2	24.2	23.4	24.5	29	22.8	97	98	92	78	93	93	91.8	19.3
28..	59.62	59.87	61.22	59.69	59.72	60.77	60.15	23	22.7	23	24.5	24	23.4	23.4	24.5	22.5	96	98	95	95	93	97	95.7	36.8
29..	60.43	60.60	62.48	61.10	61.32	62.68	61.43	23	23	25	25	23.5	23	23.8	26.4	22.6	96	97	93	87	95	95	93.8	.....
30..	61.84	61.40	61.88	60.25	60.16	60.80	61.06	22.7	22.6	25.8	26.4	23.6	23	24	27.2	21.8	95	95	85	84	90	94	90.5	.....
Mean	59.96	60.40	61.32	59.41	59.71	60.82	60.27	22.8	22.5	25.5	26.8	24.5	23.2	24.2	27.9	21.8	95	95.5	85.1	80.1	89	93.7	89.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	386.5

Day.	Wind.														Clouds.						
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction.		Amount.	Form and direction.		
															Upper.	Lower.		Upper.	Lower.	
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*			
1..	Calm	....	Calm	....	SE	1	S	1	Calm	....	Calm	....	0.3	6	.....	S.-Cu. S	4	.....	Cu. E	
2..	Calm	....	Calm	....	SSW	1	SE	1	Calm	....	Calm	....	.3	0	.....	.....	6	.....	Cu. SE	
3..	Calm	....	Calm	....	NE	1	SE	1	Calm	....	Calm	....	.3	8	.....	Cu.-N. NE	4	.....	Cu. E	
4..	Calm	....	Calm	....	Calm	....	NW	1	NW	1	Calm	....	.3	7	.....	S.-Cu. E	6	Ci.	Cu. E	
5..	Calm	....	Calm	....	S	1	W	1	N	1	NW	1	.7	10	.....	Cu.-N. N	10	.....	N.	
6..	Calm	....	Calm	....	SW	1	SW	1	NE	1	SE	1	.7	10	.....	N.	6	Ci.	Cu. E	
7..	Calm	....	Calm	....	WSW	1	Calm	....	Calm	....	Calm	....	.2	10	.....	N.	10	.....	Cu.-N. E	
8..	Calm	....	Calm	....	Calm	....	N	1	N	1	Calm	....	.3	10	.....	N.	10	.....	N. N	
9..	NW	1	NW	1	NNE	1	NE	2	NE	1	NW	1	1.2	1	.....	Cu.	8	.....	Cu.-N. N	
10..	Calm	....	Calm	....	Calm	....	N	1	NW	1	NW	2	.7	10	.....	Cu.-N. SSW	9	.....	Cu.-N. SW	
11..	NW	2	NNW	2	NW	1	NE	3	NE	3	NW	3	2.3	9	.....	Cu.-N. N	7	.....	Cu.-N. NE	
12..	NW	4	NW	3	NE	2	NNE	3	NW	3	NW	4	3.2	8	.....	S.-Cu. NE	7	.....	S.-Cu. NE	
13..	NW	2	Calm	....	NW	1	NW	1	NW	2	NW	2	1.3	8	.....	S.-Cu. ESE	8	.....	Cu.-N. N	
14..	NE	1	NE	1	NW	1	NE	2	NW	2	NW	1	1.3	0	.....	.....	5	.....	Cu. NE	
15..	NW	1	Calm	....	N	1	NW	2	NW	1	NW	1	1	10	.....	Cu.-N. N	7	.....	Cu. N	
16..	NW	1	NE	1	NW	2	NW	3	NW	2	Calm	....	1.5	10	.....	Cu.-N. N	10	.....	Cu.-N. N	
17..	NW	1	Calm	....	NW	1	E	1	NE	1	Calm	....	.7	8	.....	S.-Cu. N	10	.....	S.-Cu. NE	
18..	NW	1	NW	1	NE	1	NW	2	NW	2	NW	1	1.3	10	.....	S.-Cu. N	8	.....	S.-Cu. N	
19..	NE	1	NW	1	NW	1	NE	1	NE	1	N	1	1	8	.....	S.-Cu. NE	10	.....	S.-Cu. N	
20..	NE	1	NW	2	NW	3	NW	3	NW	5	NW	5	3.2	10	.....	Cu.-N. N	8	.....	Cu.-N. NE	
21..	NW	5	NW	4	NW	2	NW	2	NW	2	NW	3	3	10	.....	Cu.-N. NE	10	.....	Cu.-N. N	
22..	NW	2	N	3	NE	1	Calm	....	Calm	....	Calm	....	1	7	.....	Cu.-N. N	10	.....	N.	
23..	NW	2	NW	1	Calm	....	NW	1	N	1	Calm	....	.8	10	.....	Cu.-N. NE	10	.....	N. N	
24..	Calm	....	Calm	....	Calm	....	NW	1	N	1	NW	4	1	10	.....	N.	10	.....	N. N	
25..	NW	3	N	3	NW	1	Calm	....	Calm	....	Calm	....	1.2	10	.....	Cu.-N. NE	10	.....	N. NE	
26..	N	1	Calm	....	N	1	Calm	....	Calm	....	Calm	....	.3	10	.....	N.	10	.....	Cu.-N. N	
27..	Calm	....	Calm	....	NW	1	NNE	2	NW	3	W	2	1.3	10	.....	N.	6	Ci.-S.,Ci.-Cu.	Cu. NE	
28..	NW	1	NW	1	Calm	....	NE	1	Calm	....	NW	2	.8	10	.....	N.	10	.....	Cu.-N.NNW	
29..	Calm	....	Calm	....	NE	1	NW	2	NW	2	NW	2	1.2	10	.....	N.	10	.....	Cu.-N.NE	
30..	N	1	NW	1	N	1	NW	2	NW	2	NW	3	1.7	8	.....	Cu.-N. N	10	.....	Cu.-N. NE	
Mean	.....	1	.....	0.8	.....	1	.....	1.4	.....	1.3	.....	1.3	1.1	8.3	.....	.....	8.3	.....	.....	

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 22 meters; gravity correction not applied, —1.61 mm.]

DECEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	60.06	60.53	61.24	58.51	59	60.57	59.98	22.9	22.7	24.4	28.5	25	22.9	24.4	29.1	22.4	94	94	89	75	88	92	88.7	.....
2..	60.65	61.04	61.73	59.40	59.72	60.92	60.58	21.9	22	25.4	28.7	24.6	23	24.3	29.6	21.6	93	93	84	73	87	96	87.7	3.8
3..	60.97	60.93	62.28	60.73	60.80	62.52	61.37	22.6	22.2	25.2	27.8	23.7	22.8	24	27.9	22	95	95	85	77	90	97	89.8	1.5
4..	62.11	62.33	63.58	62.40	62.61	63.48	62.75	22.6	22.4	25.1	24	22.5	22.1	23.1	26.7	21.6	97	95	84	87	91	96	91.7	9.4
5..	63.38?	62.71	63.03	61.09	61.34	62.03	62.21	21.5	21.1	22	26.4	23	22.5	22.8	26.5	20.8	96	96	100	85	94	94	94.2	8.9
6..	60.95	61.16	61.69	59.29	59.32	60.22	60.44	22.5	22.5	24.1	25	22.9	22.4	23.2	26.2	21.8	94	96	91	83	93	93	91.7	4.1
7..	59.68	60.14	60.74	58.59	58.97	59.77	59.65	21.4	20.7	22.6	24	21.6	20.9	21.9	25.3	20.2	93	94	90	84	87	90	89.7	.....
8..	59.15	59.22	60.13	58.50	58.97	60.78	59.46	20.4	20.2	23.8	23.5	21.4	20.5	21.6	25.3	20.2	93	94	85	87	91	91	90.2	.....
9..	59.74	59.44	60.01	57.95	59.12	60.47	59.46	20.3	20.6	23	23.4	22.1	21.3	21.8	24	19.9	93	94	91	92	99	97	94.3	70.9
10..	59.72	59.37	60.32	58.60	58.63	59.35	59.33	21.4	22	23.7	25	23.4	22.8	23	25.2	20.4	98	96	90	84	89	89	91	.....
11..	58.91	58.58	59.18	57.20	57.53	58.68	58.35	22.5	22.2	24	23.4	23	22.4	22.9	24.2	21.7	91	96	97	98	97	98	96.2	10.7
12..	58.15	58.25	60.05	58.24	58.38	59.52	58.76	22	22.1	24.8	27.5	25.5	23	24.2	27.8	21.7	100	98	91	81	91	96	92.8	.....
13..	59.32	59.42	60.62	58.03	58.32	59.69	59.23	22.1	22.1	24.8	29.3	26.4	24	24.8	30.3	21.5	96	96	90	70	86	91	88.2	.....
14..	59.22	59.38	60.58	58.08	58.32	59.76	59.22	22.5	22	26	30.3	26.7	24	25.2	30.8	21.4	95	97	88	64	82	91	86.2	.....
15..	59.36	60.26	61.26	59.49	59.98	61.35	60.28	22.9	22.8	26.1	25.8	23	22.2	23.8	27	21.8	92	94	82	81	87	96	88.7	.....
16..	60.74	60.34	60.52	58.48	58.60	59.53	59.70	21.8	22	25.4	27	24.2	22.7	23.8	27.2	21.6	96	96	81	81	82	97	88.8	.....
17..	59.06	59.20	60.27	58	58.78	60.10	59.24	22.4	22.1	25.8	30	24.7	23.6	24.8	30.6	21.9	96	96	81	65	89	94	86.8	.....
18..	60.01	60.32	61.99	60.06	61.05	62.43	60.98	23	22.4	24.4	28	23.5	22	23.9	28.4	21.6	94	94	84	66	88	95	86.8	.....
19..	62.26	62.43	63.18	61.72	62.23	62.81	62.44	22	21.8	24.6	25.5	22.2	21.8	23	26.2	21.1	93	94	83	76	89	89	87.3	.....
20..	61.71	61.75	62.38	60.22	60.32	60.96	61.22	21.4	21.3	23.4	24.5	23.4	22.2	22.7	26	21	92	95	88	79	84	91	88.2	.....
21..	60.76	60.87	61.64	59.14	59.10	60.11	60.27	22	21.6	25	28	25.3	23.5	24.2	29.3	21.5	93	98	77	72	85	92	86.2	2.3
22..	59.47	59.82	61.44	59.39	59.17	60.25	59.92	22.9	22.8	24	27	24.6	23.7	24.2	27.4	22.4	97	97	91	84	92	95	92.7	38.8
23..	59.74	59.82	60.60	58.75	58.91	60.85	59.78	22.9	22.8	24.8	27.4	24	22.7	24.1	27.5	22.1	97	98	93	79	91	95	92.2	14.5
24..	60.76	60.67	61.91	59.51	59.74	60.42	60.50	21.8	21	22.6	23.3	21.8	21	21.9	23.9	20.6	96	96	90	89	93	95	93.2	.....
25..	59.65	60.19	61.44	59.33	59.44	60.07	60.02	21	20.2	22.7	23	20.7	20.4	21.3	24.5	19.8	92	93	84	85	90	89	88.8	.....
26..	59.95	60.04	61.03	59.02	59.58	60.42	60.01	20.2	20.1	23.5	24.6	20.5	19.5	21.4	26	19.4	91	93	79	76	91	91	86.8	.....
27..	59.75	60.99	62.55	61.22	61.30	62.37	61.36	19.6	19.2	22	22	19	18.3	20	23.4	17.7	89	87	76	76	83	87	83	1.3
28..	61.79	62.01	62.90	60.92	61.06	61.76	61.74	17.8	17.6	19.6	21	19.4	18.7	19	21.2	17.2	92	93	86	84	91	95	90.2	.....
29..	61.43	61.50	62.79	60.86	60.96	61.81	61.56	18.5	18.6	19.8	22	19.5	19.1	19.6	23	18.3	97	96	87	82	84	86	88.7	.....
30..	61.56	62	63.42	61.87	62.02	63.45	62.39	18.8	18.4	19.5	21	19	18	19.1	21.3	17.5	87	91	88	73	85	90	85.7	.....
31..	63.02	63.15	64.54	61.90	61.74	62.90	62.88	17.8	17.6	19.4	22.2	20.3	19.2	19.4	22.2	17.1	91	92	89	76	83	92	87.2	.....
Mean	60.41	60.58	61.58	59.56	59.84	60.95	60.49	21.4	21.2	23.6	25.5	22.8	21.7	22.7	26.3	20.6	94	94.7	86.9	79.5	88.8	92.9	89.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	166.2

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.	
																Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*				*0–10*		
1..	NE	1	N	1	N	1	NE	1	NE	1	NW	4	1.5	10	.....	Cu.-N.	NE	8	Ci.-S.	Cu.-N.	NE
2..	N	2	NW	1	NE	1	NE	3	NW	1	NE	2	1.7	7	.....	Cu.-N.	N	8	.....	Cu.-N.	N
3..	Calm	....	Calm	....	NE	1	N	1	NE	1	NE	1	.7	10	.....	Cu.-N.	N	9	.....	Cu.-N.	N
4..	NW	1	NW	2	NW	3	NE	2	NW	2	NW	1	1.8	10	.....	Cu.-N.	N	10	.....	N.	N
5..	NW	1	NE	1	Calm	....	NE	1	NNE	1	NW	2	1	10	.....	Cu.-N.	N	8	.....	Cu.-N.	NE
6..	NW	1	N	1	NE	2	NW	3	NW	4	NW	4	2.5	10	.....	N.	N	10	.....	Cu.-N.	N
7..	NW	3	NNW	1	N	2	NW	3	NW	2	NW	4	2.5	10	.....	Cu.-N.	N	8	.....	Cu.-N.	N
8..	NW	2	NW	1	WNW	1	NE	2	NW	2	N	2	1.7	8	.....	N.	N	10	.....	Cu.-N.	N
9..	NW	2	NW	1	NW	2	NE	2	NW	3	SE	1	1.8	10	.....	N.		10	.....	N.	N
10..	NW	1	WNW	2	N	1	NW	1	NW	3	NE	1	1.5	10	.....	Cu.-N.	NE	8	.....	Cu.-N.	NE
11..	NW	1	NW	2	ENE	1	Calm	....	NE	1	Calm	....	.8	10	.....	Cu.-N.	N	10	.....	Cu.-N.	N
12..	Calm	....	Calm	....	S	1	SW	1	Calm	....	Calm	....	.3	10	.....	N.	N	8	.....	Cu.-N.	SE
13..	Calm	....	Calm	....	SW	1	SW	1	Calm	....	S	1	.5	8	.....	S.-Cu.		4	Ci.	Cu.	S
14..	Calm	....	N	1	W	1	NNW	1	Calm	....	Calm	....	.5	10	.....	N.		3	.....	Cu.	
15..	NW	1	NW	1	NW	2	NW	3	NW	2	NW	3	2	8	.....	S.-Cu.		8	.....	Cu.-N.	N
16..	NW	2	NW	2	NW	1	NW	1	NW	1	Calm	....	1.2	10	.....	S.-Cu.	N	8	.....	Cu.-N.	W
17..	NW	1	N	1	NW	1	N	1	NW	1	NW	1	1	4	Ci.	S.-Cu.		6	.....	Cu.	N
18..	NW	2	N	2	N	3	NE	3	NW	4	NW	3	2.8	6	.....	S.-Cu.		6	Ci.	Cu.-N.	NE
19..	NW	3	NW	1	N	2	NW	3	NW	3	NW	3	2.5	10	.....	N.		9	.....	Cu.-N.	N
20..	NW	3	N	2	NE	2	NNE	2	NW	2	NW	2	2.2	10	.....	Cu.-N.		10	.....	Cu.-N.	N
21..	Calm	....	Calm	....	NW	1	NE	1	NE	1	Calm	....	.5	7	.....	S.-Cu.	N	6	Ci.-S.	Cu.-N.	N
22..	Calm	....	Calm	....	Calm	....	W	1	Calm	....	NW	1	.3	10	.....	Cu.-N.	N	8	.....	Cu.-N.	N
23..	NW	1	Calm	....	NNE	1	NW	1	NW	1	NW	4	1.3	10	.....	N.	N	8	.....	Cu.-N.	N
24..	NW	3	N	4	NW	3	NW	3	NW	2	NW	3	3	10	.....	N.	N	10	.....	Cu.-N.	NE
25..	NW	4	NW	4	NE	2	N	3	NW	4	W	1	3	10	.....	S.-Cu.	N	7	.....	S.-Cu.	N
26..	NW	3	NW	1	N	1	NE	2	NE	3	NW	3	2.2	8	.....	S.-Cu.	NE	10	.....	Cu.-N.	N
27..	NW	3	NW	3	NE	2	N	3	NW	3	N	2	2.7	8	.....	S.-Cu.	N	10	.....	Cu.-N.	N
28..	NW	1	NW	1	NW	1	WNW	2	NW	1	N	1	1.2	10	.....	S.-Cu.	N	10	.....	Cu.-N.	N
29..	N	2	NW	1	NE	1	NW	2	NW	2	NW	3	1.8	10	.....	N.	N	10	.....	N.	N
30..	NW	2	N	1	NW	1	NW	2	NW	3	NW	3	2	10	.....	S.-Cu.	N	10	.....	S.-Cu.	N
31..	NW	1	NW	1	NW	2	N	1	Calm	....	Calm	....	.8	10	.....	S.-Cu.	NE	10	.....	Cu.-N.	NE
Mean	.....	1.5	.....	1.3	.....	1.4	.....	1.8	.....	1.7	.....	1.8	1.6	9.2	.....	.....		8.4	.....	.....	

LAOAG.

[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 9.5 meters; gravity correction not applied, —1.58 mm.]

JANUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.24	58.37	59.08	56.32	57.47	58.69	58.03	22.5	21.2	30	34	28	24.8	26.8	34.4	20.9	89	93	62	51	71	85	75.2	.....
2..	58.10	59.16	60.10	58.07	58.99	60.04	59.08	23.4	22.5	29.9	31	25.1	24.2	26	32.1	22.5	91	94	63	63	78	80	78.2	.....
3..	59.96	60.19	61.30	58.76	59.49	60.81	60.08	23	22.5	29	30.3	25.8	22.5	25.5	32.2	21	86	89	58	53	72	92	75	.....
4..	60.32	61.22	62.51	60.75	61.77	62.98	61.59	20.3	18.9	27.5	31.3	24.7	22.9	24.3	32.1	18.8	93	99	61	48	68	77	74.3	.....
5..	63.01	63.25	63.74	61.23	61.97	63.77	62.83	21.2	19.7	28.8	32.7	25.5	20.3	24.7	32.9	18.8	91	93	53	42	68	97	74	.....
6..	63.38	63.69	63.85	61.06	61.87	62.77	62.77	18	16.3	28.5	32.5	27.6	22.4	24.2	33.6	16.3	98	100	48	48	70	82	74.3	.....
7..	62.59	62.88	63.90	61.89	62.42	63.89	62.93	19.3	18.7	26.4	31.6	26	23.9	24.3	32.1	18.4	97	99	61	52	81	83	78.8	.....
8..	63.58	63.97	64.95	62.67	64.08	64.84	64.02	22.5	22.4	27	29.7	23.4	22.3	24.6	30.2	22.3	83	79	60	49	72	73	69.3	.....
9..	64.55	65.07	65.53	63.10	64.30	65.41	64.66	21.6	21.9	27.6	32.2	24.9	23	25.2	32.2	20.9	79	76	49	42	63	70	63.2	.....
10..	65.37	65.71	65.70	63.58	64.60	65.77	65.12	21.8	20.9	28	30.3	24	22.9	24.6	30.3	20.9	79	84	48	46	66	69	65.3	.....
11..	65.20	65.03	65.61	62.74	63.71	64.58	64.48	22.3	22	27	30.6	23.5	21.3	24.4	31.1	20.2	72	74	52	50	69	83	66.7	.....
12..	63.99	63.15	63.36	60.74	60.85	62	62.35	20	18.5	29.7	33.7	27.4	24.6	25.6	34.1	18.5	92	99	46	42	61	72	68.7	.....
13..	61.98	61.87	62.36	59.23	60.29	61.10	61.14	23	20.9	28.7	34.3	29.7	26.1	27.1	34.3	20.9	79	90	61	44	61	73	68	.....
14..	60.58	60.49	61.59	59.20	59.95	61.10	60.48	23.8	22	27.6	33.8	30.4	24.6	27	34.1	22	78	88	62	48	61	85	70.3	.....
15..	60.73	61.01	62.04	59.69	59.79	60.91	60.70	22.2	23	28.7	30.2	25	23.5	25.4	30.9	22	89	81	57	52	67	71	69.5	.....
16..	60	60.49	61.36	58.52	59.24	60.72	60.06	20.7	18.9	29.5	34.5	27.4	21.9	25.5	34.9	18.9	91	97	50	40	67	85	71.7	.....
17..	60.06	60.56	61.14	58.54	59.69	61.26	60.21	18.5	17	29.3	34.2	25.5	22	24.4	34.2	16.8	95	98	55	44	77	86	75.8	.....
18..	61.01	61.24	61.25	57.56	58.14	60.37	59.93	21	20.9	28	31.2	25.1	22.5	24.8	32.3	19.9	83	83	52	49	67	77	68.5	.....
19..	59.82	60.09	60.53	56.99	58.06	59.54	59.17	18.4	17.5	28	35.1	27.2	23	24.9	35.1	17.5	96	97	57	39	65	76	71.7	.....
20..	59.06	59.51	59.86	56.56	56.94	58.83	58.46	20.1	19.3	30	35.3	29	23.8	26.2	35.8	19	93	97	48	40	62	72	68.7	.....
21..	58.91	58.91	59.77	57.08	57.87	59.30	58.64	22.3	20.2	29.1	34	27.8	22.9	26	34.2	20	80	91	50	42	59	75	66.2	.....
22..	59.10	59.12	59.36	56.69	57.50	59	58.46	20	19	30.3	33.9	28.5	23.4	25.8	34.4	18.5	94	99	49	41	59	81	70.5	.....
23..	59.03	59.49	59.94	57.99	58.12	59.24	58.97	22.2	20.7	30.5	32.2	27.1	23.3	26	33.9	20.4	84	90	51	49	72	79	70.8	.....
24..	59.03	59.49	60.01	57.64	58.56	59.59	59.05	22.3	21.9	29.5	33.7	26	23.7	26.2	34.3	21.8	80	80	50	42	62	69	63.8	.....
25..	59.19	59.27	60.15	57.97	58.43	60.20	59.20	21.8	19	28.1	34.2	29.7	23.6	26.1	35.1	18.4	82	99	50	43	61	78	68.8	.....
26..	60.10	60.48	60.71	58.18	58.25	59.58	59.55	20.4	18.6	29.2	33.5	29.7	22.6	25.7	34.3	18.6	91	94	51	44	61	89	71.7	.....
27..	59.54	59.96	60.74	58.50	59.06	59.82	59.60	19	18.3	28	33	28.2	25.8	25.4	33.5	18.2	96	97	52	51	72	85	75.5	.....
28..	59.45	59.80	60.80	58.54	59.38	60.41	59.73	24.3	21.7	28.6	31.2	25.6	22.7	25.7	31.7	21.6	87	92	54	52	70	77	72	.....
29..	60.13	60.05	60.96	58.37	59.29	61.01	59.97	21.6	21.2	28.4	30.9	24.3	21.7	24.7	31.8	20.5	84	87	53	49	67	83	70.5	.....
30..	60.13	60.28	61.14	58	58.68	59.99	59.70	20.6	18.1	28.1	32.9	27.5	23.3	25.1	33.2	18.1	89	99	52	46	61	80	71.2	.....
31..	60	60.07	61.07	58.87	59.46	60.43	59.98	20.2	18.2	28.4	29.1	22.3	20.9	23.2	30.5	18.2	96	100	55	56	77	84	78	.....
Mean	60.84	61.09	61.76	59.19	59.94	61.22	60.68	21.2	20.1	28.6	32.5	26.5	23.1	25.3	33.1	19.7	87.6	91.5	53.9	47	67.3	79.6	71.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	NNE	NNW	NW	Calm	9.4	24.7	46.9	28	109	2	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.
2..	E	E	NNW	NNE	NNW	NNE	23.3	45.6	120.7	83.9	273.5	1	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.-N. NE
3..	NNE	NNE	NE	NNE	NNE	Calm	102.4	118.3	104.6	31.2	356.5	3	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu. NE
4..	NE	Calm	NE	NE	NE	NE	15	57.3	106.4	45.1	223.8	5	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.
5..	NE	Calm	NE	ESE	NE	NE	17.1	50.7	109.9	20.7	198.4	3	Ci.-S.	S.-Cu.	0	Ci.-S.	Cu.
6..	ENE	E	ESE	NNE	NE	E	15.8	45.9	56.9	26.8	145.4	0	Ci.-S.	S.-Cu.	1	Ci.-S.	Cu.
7..	E	ESE	ESE	WNW	NNE	NE	40.4	35.7	61.5	50.9	188.5	0	Ci.-S.	Cu.	6	A.-Cu.	Cu.
8..	NNE	NNE	NE	NNE	N	NNE	77	128.2	131.7	79.2	416.1	10	Ci.-S.	S.-Cu. NE	0	Ci.-S.	Cu.
9..	NNE	NNE	NE	NE	NE	NNE	60	94.1	99.6	71.3	325	0	Ci.-S.	S.-Cu.	1	Ci.-S.	Cu.
10..	NNE	NNE	NE	NNE	NE	NNE	63.9	100	128.2	93.3	385.4	0	.....	S.-Cu.	0	.....	Cu.
11..	NE	NE	NE	NNE	NE	NNE	76.9	70.2	86.7	39.2	273	7	.....	S.-Cu.	3	Ci.-S.	Cu.
12..	NE	NE	NNE	ESE	ENE	NE	18.5	48.6	92	27.6	186.7	7	Ci.-S.	S.-Cu.	0	Ci.-S.	Cu.
13..	NE	Calm	Calm	NNE	NNE	NE	10.5	27.4	47	25.7	110.6	6	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N.
14..	NE	Calm	NE	NW	SE	E	17.1	21.5	49.3	19.6	107.5	8	.....	S.-Cu.	2	Ci.-Cu.	Cu.-N.
15..	NNE	NNE	NE	NNE	NNE	NNE	44	138.2	149.7	57.4	389.3	1	Ci.-S.	S.-Cu.	0	.....	Cu.
16..	Calm	NNE	ENE	ESE	NE	Calm	18.5	28.7	74.5	21.5	143.2	6	.....	S.-Cu.	0	.....	Cu.
17..	E	ESE	Calm	NNW	N	NNE	18.2	26	87.9	99.5	231.6	0	.....	Cu.	0	.....	Cu.
18..	NNE	NNE	NNE	NNE	NNE	NE	98	99	117.8	33	347.8	0	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
19..	NE	NE	NE	ESE	NE	NE	19.8	25.7	65.2	24.4	135.1	0	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.
20..	NE	Calm	ENE	ESE	NE	Calm	7	38.4	70.3	30.3	146	0	Ci.-S.	S.-Cu.	0	.....	Cu.
21..	Calm	E	NNE	NE	NE	NE	18.2	34.8	81.5	33.8	168.3	3	.....	S.-Cu.	3	Ci.-S.	Cu.
22..	Calm	Calm	NE	ENE	ESE	ENE	5.6	35.6	84.7	25.4	151.3	0	.....	S.-Cu.	0	.....	Cu.
23..	E	ESE	NNE	NNW	NNE	NNE	20.6	32.2	85.8	71.4	210	0	.....	S.-Cu.	3	Ci.-S.	Cu.
24..	NE	NE	NE	NNE	NE	NNE	64.9	66	85.3	46.7	262.9	0	.....	S.-Cu.	0	.....	Cu.
25..	NNE	Calm	E	NNE	W	ESE	18.7	30	46.9	24.6	120.2	0	.....	S.-Cu.	3	Ci.-S.	Cu.
26..	E	E	ENE	NNW	Calm	E	33.2	35.1	75	15.5	158.8	0	.....	S.-Cu.	0	.....	Cu.
27..	ESE	ESE	E	NW	NNW	Calm	24.3	37.5	67.3	7	136.1	6	.....	S.-Cu.	5	Ci.-S.	Cu.-N. NW
28..	Calm	Calm	NNW	NNW	N	NNE	13.1	60	133.1	76.1	282.3	5	.....	S.-Cu.	0	.....	Cu.
29..	NE	NNE	NE	NE	NNE	NE	54.5	75.3	125.8	48.5	304.1	2	.....	S.-Cu.	0	.....	Cu.
30..	NE	NE	NNE	NNW	Calm	E	25.7	20.9	57.1	30.3	134	3	.....	S.-Cu.	1	.....	Cu.
31..	E	ESE	NNW	NNW	NNE	NNE	20.4	44	146.2	71.9	282.5	0	.....	S.-Cu.	0	.....	Cu.
Mean	.....	.....	.....	.....	.....	.....	33.9	54.7	90.2	43.9	222.7	2.5	.....	.....	1.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,902.9	....	.....	.....	....	.....	.....

NOTE: The thermometric readings at 10 a. m. and 2 p. m., and the maximum temperatures are not reliable; they seem to be too high.

LAOAG.

[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 9.5 meters; gravity correction not applied, —1.58 mm.]

FEBRUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.98	60 01	60 20	57 70	58 43	59 88	59 38	18.9	17	28 8	33 1	26.9	22.5	24.5	33.5	16.3	99	100	48	41	60	72	70	.....
2..	59.41	59.47	60.29	57.35	58.26	60.53	59 22	18.7	16.4	29 8	33 5	29 5	24.3	25.4	34.8	16.3	99	100	44	43	58	74	69 7	.....
3..	60 34	60.16	60 95	58.95	59.22	61 23	60 14	21 4	20	27.1	32 6	27	22.6	25.1	34.2	20	82	92	59	48	68	73	70.3	.....
4..	61	60 96	62.01	59.48	60.41	61.96	60 97	20.3	19 5	27.2	33.1	27.1	23.3	25.1	33.2	19.2	90	97	56	39	61	69	68.7	.....
5..	61 39	61.52	62.89	60.51	61.20	62.23	61.62	22.6	21.3	29.4	32.8	25.9	22 1	25.7	33.3	21.3	71	81	46	41	58	76	62.2	.....
6..	62.05	62 29	62.75	60.28	60.86	62.42	61.78	20.1	17.3	29 6	35 1	29 3	23.2	25.8	36.2	17.1	91	99	49	39	55	83	69.3	.....
7..	62.15	62.29	62.37	60.38	60.84	61.87	61.65	19.8	18.6	30 1	33	27.6	25.2	25 7	33.8	18.5	92	100	51	49	71	87	75	.....
8..	61.21	61.59	62.41	60.56	60 96	62.44	61.53	24 3	22.8	29.3	31.1	24.6	23	25	31.7	22 5	86	88	57	54	75	79	73 2	.....
9..	62.19	62.98	64.04	62 27	62 29	63.64	62.90	22 7	20.1	23 8	26.2	21 2	18.2	22	27.1	16.1	78	95	75	60	84	98	81.7	.....
10..	62.12	62	62.02	59.15	60 01	61.04	61 06	14.1	12.7?	26 8	32 9	27 3	22 1	22.6	32.9	12.3?	100	100?	45	34	56	67	67	.....
11.	61.17	61.44	61.95	59.75	60.31	61.42	61.01	20	17.6	26.6	31.5	27	24.1	24 5	32.3	17 6	81	94	48	43	64	79	68.2	.....
12..	61.59	61.95	63.45	61.54	62.25	63.95	62.46	20.4	20 1	29.4	31.3	24.2	21.5	24.5	31.9	19.6	89	90	51	52	75	85	73.7	.....
13..	63.10	63 22	63.13	60.70	62.23	64.02	62 73	20.1	20 2	27.5	31 1	24	20.1	23.8	31 5	18 5	93	89	48	41	66	91	71.3	.....
14..	63.74	63.38	63.27	60 29	61	62.79	62.41	16.8	15.8	27.7	33.7	27.2	19.9	23.5	33 9	15.4	100	100	46	35	55	82	69.7	.....
15..	62.44	62.21	62 67	60 69	61 08	62.56	61.94	16.8	15.9	27.8	32	26.8	24.2	23.9	32 6	15.9	98	99	47	43	68	80	72.5	.....
16..	62.17	61.28	62 03	59.55	60.14	61.18	61.06	22 5	21.1	25.8	29.3	24.3	21 9	24.2	31.3	21.1	85	90	59	59	81	80	75.7	.....
17..	61.02	60.97	62.13	58 49	58.52	59.50	60.10	21.4	20 3	24 5	31.6	27.1	20.5	24.2	31.9	19 3	82	91	71	48	63	93	74.7	.....
18..	59	59 01	59.97	56.73	57.01	58.60	58.39	18	17.5	27.3	33.4	29.2	23.9	24.9	33.9	17.4	98	99	53	43	60	87	73.3	.....
19..	58.52	58.73	59.31	57.23	57 42	59.30	58.42	21.7	20.3	30 2	32.5	26.1	22 3	25 5	33.6	20.1	88	91	49	47	69	78	70.3	.....
20..	59.57	59.87	60.66	58.65	59.47	61.45	59.94	20.2	20	28.9	31.7	25	19.9	24.3	32 4	18.6	91	94	47	44	62	95	72.2	.....
21..	61.21	61 08	62.03	59.44	59.32	61.73	60.80	16.9	15.2	27.8	33.9	27.4	20.3	23.C	34 2	15	100	100	47	36	61	88	72	.....
22..	61.48	61.31	62.35	59.70	59.80	61.44	61.01	17	15	28.2	32.4	27.1	21 4	23 5	33 3	15	100	100	47	43	62	85	72.8	.....
23..	60.99	60.53	61.48	59.05	58.67	59.50	60.04	18.8	16.2	28.3	32.4	26.7	21.3	24	33 2	16.1	98	100	49	43	67	88	74.2	.....
24..	59.91	60.03	60.55	58.05	57.95	59.22	59.28	17.6	15.4	26.6	33.4	28.9	20	23.6	33.6	15.4	100	100	52	40	59	98	74.8	.....
25..	59.23	59.66	59 97	57.46	57.95	59.07	58.89	17.2	14 6	26.6	33.5	29.3	21.1	23.7	34.4	14 6	100	100	54	38	57	90	73.2	.....
26..	59	59.01	59.02	57.10	56.90	58.03	58.18	18	17.1	30.5	33.8	27 9	23.3	25 1	34.3	17	98	99	51	44	71	87	75	.....
27..	58.47	58.60	58.80	55.93	56.44	57 49	57.62	22	20.4	30.9	34.1	28	24.4	26 6	34.6	20	89	92	49	46	70	87	72.2	.....
28..	57.49	57.70	59.01	56.88	57.01	58.27	57.73	22.4	21.2	31.3	34.7	28.7	24.3	27.1	35.1	21.1	89	93	50	50	67	87	72.7	.....
Mean	60.78	60.83	61.49	59.07	59.50	60.96	60.44	19 7	18.2	28.1	32 5	26.8	22 2	24.6	33 2	17.8	91.7	95.5	51 7	44.4	65	83.5	72	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	Calm	ESE	E	NE	NE	26 9	37 6	66.5	39.7	170.7	0	.....	S.-Cu.	3	Ci.-S.	Cu.
2..	Calm	Calm	E	NE	ESE	E	11.5	43 3	54.9	41 6	151.3	0	.....	S.-Cu.	3	A.-Cu.	Cu.
3..	NE	ENE	SE	NNW	NE	NE	13.1	22 3	69.2	44.9	149.5	4	.....	S.-Cu.	7	Ci.-S.	Cu.-N.
4..	Calm	NE	NE	NNE	NE	NE	25.7	46 9	84.7	61	218.3	1	.....	S.-Cu.	1	Ci.-S.	Cu.
5..	NE	NE	NE	ESE	NE	NE	38.4	60 6	92 5	32.2	223.7	4	.....	S.-Cu.	4	A.-Cu.	Cu.-N.
6..	ENE	NE	ENE	Calm	ESE	Calm	27.9	36.7	39.2?	21.4	125.2	0	.....	Cu.	3	A.-Cu.	Cu.
7..	Calm	E	NNW	NW	NW	Calm	19.5	41 2	70.5	14	145.2	0	.....	S.-Cu.	0	.....	Cu.
8..	Calm	E	NW	N	NNE	NNE	18.5	45.1	115 1	55.8	234.5	4	Ci.-S.	S.-Cu.	1	.....	Cu.
9..	NNE	NE	NNE	N	NNE	N	39.9	90.1	152.4	73.7	356.1	5	.....	S.-Cu.	6	A.-Cu.	Cu.-N. NNE
10..	Calm	Calm	NE	ENE	ENE	NE	20.9	53.9	74.8	37.5	187.1	0	.....	.....	0	.....	Cu.
11..	E	E	NE	NNW	NNW	NE	22.2	40.8	63.9	15.6	142.5	5	.....	S.-Cu.	3	.....	Cu.-N.
12..	E	E	ESE	N	NNE	NNE	27.9	44	118.5	104.9	295.3	1	.....	S.-Cu.	0	.....	Cu.
13..	NNE	NNE	ENE	NE	NE	NE	92 3	109.1	120.9	35.7	358	0	.....	S.-Cu.	0	.....	Cu.
14..	NE	NE	NE	E	NE	ENE	26 6	45.4	93.1	16 3	181.4	0	.....	S.-Cu.	0	Ci.-S.	Cu.
15..	Calm	E	NW	NW	Calm	Calm	11.3	37	63	5.6	116.9	0	.....	S.-Cu.	6	Ci.-S.	Cu.
16..	E	E	ESE	NNW	N	NNE	21.2	26	95.2	51.7	194.1	9	.....	S.-Cu.	10	Ci.-S.	Cu.-N. SW
17..	NE	NE	NE	NNE	NE	Calm	28.7	35.4	99 6	22	185.7	8	.....	S.-Cu.	3	Ci.-S.	Cu.
18..	E	E	ESE	NW	NW	Calm	25.5	45.9	77.5	11.9	160.8	0	.....	S.-Cu.	1	A.-Cu.	Cu.
19..	E	ESE	NE	NNW	NNE	NE	29.8	49.7	125.3	52 6	257.4	2	.....	S.-Cu.	0	.....	Cu.
20..	NE	NNE	NNE	NE	NE	NE	38	73.7	108.9	30.1	250 7	0	.....	S.-Cu.	0	.....	Cu.
21..	Calm	NE	NE	NE	NNE	NE	16.9	25.1	52.3	28.5	122.8	0	.....	S.-Cu.	0	Ci.-S.	Cu.
22..	Calm	Calm	ESE	NNW	NNE	NE	14.3	18.3	76.9	24.7	134 2	0	.....	.....	0	.....	Cu.
23..	ENE	ESE	ESE	NNW	NNW	NE	34	41.3	68.4	16.7	160.4	0	.....	S.-Cu.	0	.....	Cu.
24..	ESE	ESE	ESE	NNW	NNW	Calm	23.8	40.7	67.6	13.5	145 6	0	.....	S.-Cu.	0	.....	Cu.
25..	E	ESE	NW	NW	NNW	E	29.8	35.2	71.3	12.6	148 9	0	.....	S.-Cu.	0	.....	Cu.
26..	E	Calm	W	NNW	NNW	Calm	23.5	36 2	66.2	19.1	145	0	.....	S.-Cu.	0	Ci.-S.	Cu.
27..	E	ESE	NNW	NW	NNW	NNE	33 8	40	88.7	21.9	184.4	0	.....	S.-Cu.	0	.....	Cu.
28..	E	E	NW	NW	W	NE	15 8	45.9	57.7	16.9	136.3	0	.....	S.-Cu.	2	Ci.-S.	Cu.
Mean	.....	.....	.....	.....	.....	.....	27.1	45.3	83.4	32.9	188.6	1.5	.....	.....	1.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,282	.....	.....	.....	.....	.....	.....

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[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 9.5 meters; gravity correction not applied, —1.58 mm.]

MARCH, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.44	58.40	59.15	56.32	57.41	59.08	58.13	21.8	20.7	30.1	36.5	27	24.7	26.8	36.9	20.2	91	94	56	37	68	64	68.3	.....
2..	59.01	58.52	58.15	55.36	56.32	58.46	57.64	23.2	22	33.5	37.7	30.2	25.1	28.6	38	22	71	77	37	36	59	80	60	.....
3..	58.40	58.74	59.19	57.27	57.11	58.95	58.28	22.4	20.6	31.8	34.5	28	24.9	27	35	20.5	82	94	47	44	71	73	68.5	.....
4..	57.55	57.81	58.29	54.94	55.63	57.96	57.03	23.1	20.8	31.6	37.4	32	26.5	28.6	39	19.7	82	93	47	41	52	70	64.2	.....
5..	57.70	58.26	58.57	56.01	55.92	58	57.41	23.1	22	33.1	37.5	30.9	25.8	28.7	37.9	22	82	86	45	37	55	84	64.8	.....
6..	58.03	58.94	59.93	57.87	57.78	59.50	58.68	23	21.3	31.6	34.9	25.5	23.1	26.6	35	21.2	90	95	53	43	78	82	73.5	.....
7..	59.15	59.21	59.79	57.06	56.46	58.03	58.28	22.2	21.8	32.2	37.2	30.3	23.9	27.9	37.8	21.8	84	86	46	36	57	86	65.8	.....
8..	58.01	58.32	58.61	56.74	56.45	57.97	57.68	21.4	20	31.9	33	28.1	24.3	26.4	33.7	20	91	98	53	51	68	87	74.7	.....
9..	58.06	58.31	59.06	57.02	57.50	58.92	58.14	22.1	21.4	32.3	33.7	27.5	24 1	26.8	35	21.4	92	95	49	47	75	87	74.2	.....
10..	59.01	59.25	59.65	56.24	55.98	57.95	58.01	20 8	19	31.3	35.4	31.9	25.6	27.3	36.8	19	96	98	52	42	53	75	69.3	.....
11..	57.98	58.50	59.38	56.91	57.01	58	57.96	22.8	20.9	31.9	34.6	29.7	25.3	27.5	35.2	20.3	88	94	50	45	60	88	70.8	.....
12..	58.04	58.85	58.91	56.52	57.02	57.99	57.89	22.7	21	32.5	33.4	27.4	24.9	27	34	20.9	92	96	55	52	77	89	76.8	.....
13..	57.95	58.37	58.97	57.38	58.29	59.37	58.39	22.3	20.6	31.8	32.5	27.7	25.3	26.7	34.3	20.5	97	98	53	56	75	89	78	.....
14..	59.05	59.65	59.96	58.23	58.63	60.01	59.26	22.4	21.7	32.6	34	27.2	25.3	27.2	34.3	21.7	96	97	50	51	78	88	76.7	.....
15..	60	60.87	61.32	58.92	59.82	61.35	60.38	21.8	19.5	30.9	34.1	26.7	23.8	26.1	36.3	19.3	98	99	50	44	66	77	72.3	.....
16..	61.01	61.17	60.85	58.04	58.99	60.37	60.07	22.1	21.4	31.9	35.5	27.3	23.9	27	36	21 4	85	89	47	38	62	76	66.2	.....
17..	59.54	60.04	60.18	57.39	58.42	59.52	59.18	22.2	19.8	32.4	37.4	29.6	24.9	27.7	38	19.8	88	96	46	40	63	79	68.7	.....
18..	59.39	60.04	60.49	58.56	58.93	59.97	59.56	22.2	20.5	31.6	34.4	29.5	25.5	27.3	34.9	20.5	93	97	54	45	64	86	73.2	.....
19..	59.59	59.97	60.51	58.55	58.90	59.85	59.56	22.4	20.8	31.2	33.5	27.1	25.4	26.7	34.8	20.6	95	98	58	50	81	90	78.7	.....
20..	59.45	60	60.63	58.47	58.39	60	59.49	22.3	21.1	30.4	31.2	29.7	24.8	26.6	35.3	21.1	97	99	55	54	65	85	75.8	.....
21..	60.01	60.21	61.15	58.66	58.82	61.07	59.99	21.8	19.7	30.8	36.8	30.3	23.4	27.1	37.1	19.7	95	99	53	36	57	86	71	.....
22..	61	61.63	62.35	60.04	59.53	60.93	60.91	20	18.3	31.7	33.3	29.3	23.2	26	34.8	18.3	98	99	48	46	59	84	72.3	.....
23..	60.35	60.79	61	58.83	59.01	60.06	60.01	20	18.1	32	32.6	28.7	25	26.1	35	18.1	98	99	45	48	61	76	71.2	.....
24..	59.99	60.19	60.34	57.75	58.71	60.91	59.65	22.1	21.3	31.5	35.3	30.2	25.3	27.6	36.9	21	90	92	47	40	56	72	66.2	.....
25..	60.42	60.54	60.36	58.26	58.30	60.22	59.68	23.2	21.3	31.1	36.5	30.2	24.4	27.8	37.1	21.1	80	90	47	34	54	74	63.2	.....
26..	59.97	60	59.76	58.07	58.60	60.08	59.41	24	21.4	32.9	33.8	27.9	25.2	27.5	36.4	20.8	75	93	37	37	54	67	60.5	11.5
27..	60.23	60.07	60.53	59.85	60	61.53	60.37	21.4	21.2	25.9	24.8	23	20.1	22.7	30.9	19.5	87	87	65	71	74	91	79.2	8.9
28..	61	61.29	61.76	59.58	60	62.26	60.98	19	18.1	30.1	34.9	26.7	23.7	25.4	35.9	18.1	98	99	46	38	58	68	67.8	.....
29..	62.12	62.23	62.99	60.34	60.56	62.01	61.71	21.6	21	29.9	32.8	26.5	23.3	25.8	33.1	21	82	85	42	39	53	69	61.7	.....
30..	61.54	61.54	61.48	58.84	59.02	60.99	60.57	22.9	21.1	31.1	32.8	26.3	22.9	26.2	32.9	21	70	83	40	39	56	72	60	.....
31..	60.24	60.45	60.83	57.98	58.31	60.03	59.64	21.3	20.6	32.5	35	29.3	25.1	27.3	36	20.6	83	89	37	37	46	62	59	.....
Mean	59.43	59.75	60.13	57.81	58.12	59.72	59.16	22.1	20.6	31.5	34.4	28.4	24.5	26.9	35.7	20.4	88.6	93.4	48.7	43.7	63.1	79.2	69.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	E	ESE	NNW	NNW	NNE	NNE	19.9	37.5	118.8	86.3	262.5	0	.....	S.-Cu.	1	Ci.-S.	Cu.
2..	NNE	NE	NE	E	SW	ESE	48.3	68.6	90.1	24.1	231.1	0	.....	S.-Cu.	0	.....	Cu.
3..	Calm	ESE	ESE	W	N	NE	20.6	59	110.2	54.7	244.5	0	.....	S.-Cu.	0	.....	Cu.
4..	Calm	NE	NW	NNW	NE	NE	17.4	29.3	82.1	33.2	162	0	.....	S.-Cu.	0	.....	Cu.
5..	E	ESE	NNW	NNE	E	E	27.1	44.5	74	20.7	166.3	4	.....	S.-Cu.	3	.....	Cu.-N. NE
6..	Calm	E	NNW	NNW	NNE	NE	20.9	55.7	109.4	103.6	289.6	0	.....	S.-Cu.	1	.....	Cu.
7..	NNE	NNE	NE	ESE	NE	Calm	101.6	89.3	81.5	21.4	293.8	0	.....	S.-Cu.	0	.....	Cu.
8..	Calm	E	NNW	NNW	NE	Calm	13.5	39.6	81.5	22.2	156.8	0	.....	Cu.	0	.....	Cu.
9..	E	ESE	NNW	NW	N	NE	30.4	45.6	95	44.9	215.9	1	.....	S.-Cu.	1	Ci.-S.	Cu.
10..	ENE	Calm	NNE	N	N	NNE	13.7	36.4	103.5	29	182.6	0	.....	S.-Cu.	0	.....	Cu.
11..	E	Calm	NW	NNW	NNW	Calm	16.3	33.2	73.2	15.6	138.3	0	.....	S.-Cu.	0	.....	Cu.
12..	ENE	ESE	NNW	NNW	NW	NE	30	40.5	76.4	14	160.9	0	.....	Cu.	3	Ci.-S.	Cu. N
13..	Calm	Calm	WSW	WNW	NW	NNW	15.5	51.8	87.2	25.7	180.2	0	Ci.-S.	Cu.	5	Ci.-S.	Cu.-N. N
14..	E	ESE	NW	NNW	NNW	NNE	24.6	48.6	84.2	33.5	190.9	0	Ci.-S.	S.-Cu.	1	Ci.-S.	Cu.
15..	E	Calm	NNE	NNE	NNE	NNE	14.3	53.6	147.3	92.5	307.7	3	Ci.-S.	S.-Cu.	3	Ci.-S. E	Cu.
16..	N	NNE	ENE	E	NE	NE	97.6	88.3	136	53.9	375.8	0	Ci.-S.	S.-Cu.	0	.....	Cu.
17..	NE	Calm	ESE	ESE	ESE	Calm	19.6	36.7	97.2	19.9	173.4	2	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N. SE
18..	Calm	E	NNW	NNW	NNW	ESE	17.2	45.1	94.8	23.9	181	1	.....	S.-Cu.	1	.....	Cu.-N.
19..	E	ESE	NW	NNW	N	NNW	27.1	37.6	91.5	14.8	171	0	.....	Cu.	1	.....	Cu.-N.
20..	ENE	ESE	NNW	NNW	NNW	NE	20.7	37.8	72.7	22.8	154	1	.....	S.-Cu.	1	.....	Cu.-N.
21..	Calm	Calm	NE	NNE	NNE	NE	13.5	42.9	87.7	21.4	165.5	0	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.-N.
22..	NE	Calm	NNW	NE	NE	Calm	12.7	35.9	71.1	28	147.7	0	.....	S.-Cu.	6	Ci.-S.	Cu.-N. NNE
23..	Calm	Calm	NW	NE	ENE	NNE	7.5	34.9	83.5	25.5	151.4	0	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.-N. NNE
24..	ENE	Calm	ESE	NE	E	NE	13.7	47.8	74	31.9	167 4	2	.....	S.-Cu.	3	.....	Cu.-N.
25..	NE	NNE	NE	ESE	NE	Calm	34.1	74	97.6	29.6	235.3	0	.....	S.-Cu.	0	.....	Cu.
26..	Calm	Calm	ESE	NW	ESE	ESE	24.1	40.2	67.1	50.2	181.6	1	.....	S.-Cu.	6	Ci.-S.	Cu.-N.
27..	Calm	ESE	SE	NNE	NE	NE	47.8	47.3	90.1	37.5	222.7	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N. NNW
28..	NE	Calm	Calm	ESE	NE	NNE	25.2	30.6	89.5	74.6	219.9	0	.....	Cu.	1	.....	Cu.
29..	NE	NNE	NNE	NNE	NNE	NNE	59.5	102.2	139.2	91.7	392.6	3	.....	S.-Cu.	0	Ci.-S.	Cu.
30..	NNE	NNE	NNE	NNE	NE	NNE	62	107	151.3	77	397.3	3	.....	S.-Cu.	2	Ci.-S.	Cu.
31..	NNE	NNE	NNE	NE	NE	NE	63	80.5	133.6	39.9	317	0	.....	Cu.	1	Ci.-S.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	30.9	52.3	96.5	40.8	220.5	1	.....	.....	2	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,836.7	....	.....	.....	.....	.....	.....

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[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 9.5 meters; gravity correction not applied, —1.58 mm.]

APRIL, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	60.01	60.39	60.75	57.71	57.55	60.02	59.40	22.9	20	32.9	38.5	33.1	26.6	29	38.7	20	74	94	38	28	46	67	57.8	.....
2..	59.93	59.97	59.65	57.31	57.02	59.03	58.82	23.5	21	34.1	36.3	30.4	25.3	28.4	36.3	21	79	87	41	34	55	77	62.2	.....
3..	58.60	59.19	60	57.45	57.52	59.23	58.66	22.9	21.1	30.1	31.8	27.5	23.8	26.2	33.2	21	83	88	56	51	60	72	68.3	.....
4..	59.11	59.46	59.25	56.96	56.92	58.93	58.44	23	20.9	33.1	35.8	31.3	26.2	28.4	36.5	20.9	78	88	42	36	53	73	61.7	.....
5..	59	59.09	59.95	58.08	57.96	59.17	58.88	23.6	22.8	33.2	34.3	28.2	26.1	28	35.9	22.7	78	79	44	45	68	73	64.5	.....
6..	58.94	58.95	58.98	57.18	56.92	59.02	58.33	23.7	22.1	31.4	34.5	29.7	26.2	27.9	35.1	22.1	82	85	52	44	61	78	67	.....
7..	58.74	59.01	59.30	57.22	57.82	59.36	58.58	24	22	32.4	34.1	28.2	24.4	27.5	34.9	22	81	84	47	44	66	77	66.5	.....
8..	59.01	58.44	57.98	55.10	55.90	57.90	57.39	22.4	20	31.8	37.2	31.4	27.3	28.4	37.9	20	86	98	41	36	47	72	63.3	.....
9..	58	58.25	58.49	57.02	57.17	59.11	58.01	24.1	21.9	33.8	34.4	28.9	25.2	28	35.2	21.9	79	85	42	44	67	83	66.7	.....
10..	59.01	58.89	58.97	56.32	56.41	58.02	57.94	23.3	21	33.5	35.3	29.7	26.2	28.2	36.5	21	84	96	41	43	63	73	66.7	.....
11..	57.45	57.49	56.99	55.13	55.39	56.71	56.53	24.1	21.9	34.1	34.8	29.9	25.9	28.4	35.4	21.8	82	90	42	43	62	83	67	.....
12..	56.91	56.97	56.97	54.94	55.25	56.96	56.33	25.9	24.1	32.2	33.1	30.1	27.2	28.8	36.1	24.1	75	84	50	48	62	77	66	.....
13..	56.49	57.14	58.03	56.16	56.94	58.68	57.24	24.8	23	33.1	35.2	30.3	27.2	28.9	35.6	23	79	84	44	43	62	75	64.5	4.8
14..	58.83	58.51	58.60	56.88	57.40	59.03	58.21	23.6	22	30.6	35.4	30.1	25.9	27.9	35.6	22	85	91	55	41	62	83	69.5	.....
15..	58.53	58.44	58.25	55.84	56.81	58.01	57.65	24.5	23	31.7	34.5	29.6	26.7	28.3	35.1	22.9	84	88	49	44	63	77	67.5	.....
16..	57.15	57.58	58.29	56.22	56.12	57.95	57.22	24.4	22.9	27.6	23.1	27.6	24.2	25	33.8	22.9	83	85	67	85	66	86	78.7	8.1
17..	57.50	57.10	58.01	56 12	56.50	58.38	57.27	22.7	22	31.8	34.6	29.1	25	27.5	34.8	22	85	89	51	44	66	74	68.2	.....
18..	57.50	57.81	57.97	56.36	56.66	59.03	57.56	23.7	22.7	33.9	35.2	29.3	25.9	28.4	35.9	22.7	81	85	42	44	66	80	66.3	.....
19..	57.91	57.91	57.85	55.97	56.09	58.35	57.35	23.2	21.9	33.1	34.9	30	26.3	28.2	35.7	21.9	86	90	45	43	59	80	67.2	.....
20..	57.78	57.46	57.65	55.65	56.67	57.95	57.19	23.5	21.3	34.3	37.1	30.2	26.8	28.9	38.4	21.3	85	92	39	35	60	77	64.7	.....
21..	57.50	57.74	57.53	55.37	55.55	56.95	56.77	24.5	22.4	33.1	35.4	30.4	26.1	28.6	36.7	22.4	84	88	46	39	60	77	65.7	.....
22..	56.98	57.35	57.57	55.26	55.17	56.82	56.52	23.8	22	32.4	36.2	30.9	26.3	28.6	36.2	22	85	88	48	40	56	76	65.5	.....
23..	56.40	56.99	57.43	55.24	55.55	57.86	56.58	24.3	22.9	34.2	35.4	30.3	27.3	29.1	36.4	22.9	81	83	42	43	59	76	64	4.6
24..	57.79	58	58.49	56.78	56.49	58.27	57.64	26.1	23.9	32.6	35.5	29.9	25.7	29	35.9	23.7	80	87	47	40	63	78	65.8	.....
25..	58.05	58.50	58.75	56.85	56.06	57.70	57.65	23.5	21.9	32.8	35.4	32.9	27.2	29	36.5	21.9	82	88	46	43	48	71	63	.....
26..	57.25	57.84	58.04	56.27	55.94	57.94	57.21	24.4	22.9	33.4	35.6	30.8	27.7	29.1	36.3	22.8	78	83	45	42	62	76	64.3	.....
27..	57.43	57.18	58.05	56.34	56.55	58.21	57.29	25.4	23.7	32.6	35.2	30.1	27.2	29	35.6	23.6	82	85	46	43	62	75	65.5	.....
28..	57.90	57.99	58.08	55.63	55.26	57.07	56.99	25.2	23.7	32	36.4	32.3	27.2	29.5	37.2	23.5	79	85	48	39	52	65	61.3	.....
29..	56.99	57.38	57.07	55.06	55.27	56.54	56.38	23.7	22	31.4	36	31.8	27.5	28.7	36.6	21.7	81	88	49	39	48	72	62.8	.....
30..	56.16	56.62	56.39	55.62	56.25	58.07	56.52	25.2	24.4	32.8	30.1	27.8	24 5	27.5	33.2	24.3	74	77	47	53	70	82	67.2	33.3
Mean	57.96	58.12	58.31	56.27	56.44	58.21	57.55	24	22.2	32.5	34.7	30.1	26.2	28.3	35.9	22.2	81.2	87.1	46.4	43.2	59.8	76.2	65.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	Calm	NNW	E	ESE	NNE	14.3	48.8	64.4	22.8	150.3	0	Ci.-S.	S.-Cu.	0	.....	Cu.
2..	Calm	Calm	NNW	NNW	NNW	ENE	8.7	37.6	71.6	23	140.9	0	Ci.-S.	Cu.	1	Ci.-S.	Cu.-N.
3..	E	E	N	NNE	NE	NNE	13.4	65.8	132.3	60.9	272.4	0	Ci.-S.	Cu.	1	Ci.-S.	Cu.
4..	Calm	ESE	WNW	NW	W	SE	20.7	42.8	68.1	23.5	155.1	0	.....	Cu.	1	Ci.-S.	Cu.
5..	Calm	ESE	NW	NW	N	E	15.6	40	93.3	15.6	164.5	0	Ci.-S.	Cu.	5	Cu.-N.	W
6..	Calm	ESE	W	NNW	NNW	SE	21.2	38.3	85.8	24.9	170.2	0	.....	Cu.	1	.....	Cu.-N.
7..	ESE	ESE	WSW	NW	N	Calm	34.4	50.1	110.8	42	237.3	0	Ci.-S.	Cu.	2	.....	Cu.-N.
8..	Calm	Calm	SE	NNW	SW	SW	19.8	39.7	75.6	24.7	159.8	0	.....	Cu.	0	Ci.-S.	Cu.-N.
9..	ESE	ESE	WNW	WNW	NNW	Calm	16.3	57.1	82.1	9.4	164.9	0	.....	S.-Cu.	1	.....	Cu.-N.
10..	Calm	ESE	NW	NNW	NNE	NNE	14.7	45.3	120.5	36.8	217.3	0	.....	Cu.	2	.....	Cu.-N.
11..	E	Calm	W	W	WNW	Calm	18.3	46.4	86.7	10.8	162.2	0	.....	Cu.	1	.....	Cu.-N.
12..	ESE	ESE	NW	WNW	WNW	Calm	23.3	61	99.5	17.9	201.7	0	.....	Cu.	3	Ci.-S.	Cu.-N.
13..	E	ESE	WNW	WNW	WNW	WSW	37.2	83.7	119.1	32	272	3	Ci.-S.	Cu.	2	Ci.-S.	Cu.-N.
14..	ESE	ESE	SE	WNW	NNW	Calm	27.4	50.1	82.1	15.8	175.4	0	.....	Cu.	1	.....	Cu.-N.
15..	Calm	ESE	WNW	WNW	NW	NNW	30.8	55.7	94.1	21.9	202.5	0	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.-N.
16..	ESE	ESE	NNE	E	S	E	29	50.5	56.6	17.9	154	3	Ci.-S.	S.-Cu.	10	Ci.-S.	N.
17..	ESE	Calm	S	NNW	NNW	SE	32.2	32.5	74.8	22.3	161.8	6	Ci.-S.	Cu.-N.	3	Ci.-S.	Cu.-N.
18..	ESE	ESE	WNW	NW	NNW	NNE	51.3	68.7	89.5	30.1	239.6	3	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.-N.
19..	E	ESE	WNW	NNW	Calm	Calm	24.1	45.4	77.9	16.1	163.5	3	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.
20..	ESE	Calm	ESE	NNW	NNW	Calm	20.3	38.6	87.5	17.4	163.8	1	Ci.-S.	Cu.	2	Ci.-S.	Cu.-N.
21..	E	E	ESE	NNW	N	Calm	15.5	41.3	121.3	21.1	199.2	1	.....	Cu.	3	Ci.-S.	Cu.-N.
22..	ESE	Calm	NNW	NW	NW	Calm	24.7	49.3	73.7	13.1	160.8	2	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
23..	ESE	ESE	W	WNW	NW	SW	24.7	67.1	120.7	19.6	232.1	2	Ci.-S.	S.-Cu.	1	Ci.-S.	Cu.
24..	ESE	ESE	ESE	NNW	N	Calm	17.4	43.5	124.9	18.5	204.3	3	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.
25..	E	Calm	NNW	NW	NNW	Calm	11.3	48.1	69	16.3	144.7	2	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
26..	Calm	E	SSE	W	WNW	Calm	12.9	53.1	81.6	11.5	159.1	8	Ci.-S.	Fr.-N.	3	Ci.-S.	Cu.
27..	SE	SE	NW	WNW	WNW	NNW	19.5	54.9	77	24.3	175.7	6	Ci.-S.	Fr.-N.	2	Ci.-S.	Cu.
28..	E	NE	N	NNW	N	Calm	19.5	65.8	109.2	21.4	215.9	5	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
29..	Calm	Calm	NNW	NNW	NNW	SW	8.9	31.1	73.2	20.6	133.8	6	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
30..	Calm	ESE	SW	SSW	WNW	NNW	19.8	65	135.2	48.6	268.6	5	Ci.-S.	S.-Cu.	10	Ci.-S.	Fr.-N. SW
Mean	.....	.....	.....	.....	.....	.....	21.6	50.6	91.9	23.4	187.4	2	.....	.....	2.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,623.4	....	.....	.....	....	.....	.....

LAOAG.

[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 9.5 meters; gravity correction not applied, —1.58 mm.]

MAY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.71	57.98	58.87	56.74	56.70	58.17	57.70	22.2	22.1	28 2	30 6	28.7	25.1	26.2	31 1	22.1	89	90	60	57	62	75	72 2	.....
2..	57.60	58.21	59.14	57.01	56.50	58.07	57 76	22 9	22.2	31.5	33 8	30 1	25.3	27.6	33.8	22.2	85	89	50	47	58	75	67.3	.....
3..	57.13	57.48	57.57	55.22	55.85	58.02	56.88	23	22.5	30 6	34 4	28 8	25.4	27.4	34.5	22.5	84	87	57	42	64	79	68.8	.....
4..	57.77	58.19	58.69	55.99	56.14	57.63	57.40	23.8	22.1	31 1	33.4	29 9	25.2	27.6	33.9	22.1	85	90	52	44	55	77	67.2	.....
5..	57.29	57.76	58.34	56.06	56.74	58.29	57.41	23 1	22.3	33.3	34 4	30 6	27.7	28.6	35.3	22.3	82	87	43	45	60	73	65	.....
6..	57.92	57.87	59.06	57.68	58 86	59.53	58 49	25 8	25.1	25	26.9	22 4	22 8	24.7	31.8	22	79	81	77	73	88	84	80.3	27.1
7..	57 61	57.99	58.38	56 39	56 87	58 78	57.67	21.6	20.9	31 7	30.4	28 8	25	26.4	33	20	9 93	95	54	58	65	76	73.5	16.7
8..	58.20	57.71	58.02	56.52	57.60	58.82	57.81	22.9	22.7	30.2	32.9	27.1	24.8	26.8	33.2	22.7	87	87	55	51	70	79	71.5	1.5
9..	57.40	57.69	58.56	57.17	57.68	59.04	57.92	23.6	22.7	28.7	28 8	25.9	24.2	25 6	32.3	22.7	81	85	62	60	74	82	74	20.3
10..	57.97	57.64	58.02	56 79	57.25	57.94	57 60	23.7	23.8	26.2	29.7	27.8	24	25.9	30.6	23 3	85	83	70	60	66	83	74 5	9.6
11..	57 67	57.18	56 85	55.38	55.80	57.47	56.72	23.2	22.9	30.9	33 1	29 3	26.5	27.6	33.1	22.9	88	87	54	50	66	79	70.7	1.5
12..	57.39	57.65	58 20	56 36	56.47	58.24	57.38	24 8	23.9	32.4	33.7	30.3	27.3	28.7	34.4	23.9	82	86	48	49	61	76	67	7.4
13..	58.01	58.20	59.02	57.04	57.45	59.17	58.15	25 4	24 8	29 1	31 4	30.1	24.2	27.5	33.6	23.5	84	85	62	55	60	78	70.7	15.4
14..	59.09	59.31	59.63	57.91	58.50	59.97	59.07	23 2	22.8	31.6	33.7	29.4	24.9	27.6	34.6	22.8	83	84	55	48	62	81	68.8	1.3
15..	59.61	59.75	58.80	58.01	58.25	59.91	59.06	24 3	23.8	32.8	33.5	29.9	25.4	28.3	34.3	23.8	82	85	49	50	63	76	67.5	.....
16..	59.24	59.24	59.60	57.65	57.96	59.85	58.92	24.2	23	33.7	35 2	30.9	27	29	35.9	23	82	84	46	44	60	77	65.5	.....
17..	59.17	59.35	59.50	58.07	58.27	60.17	59.09	24.4	23.5	33.5	34 8	29.4	26.2	28.6	35.2	23.5	83	85	45	44	64	78	66.5	.....
18..	60	60.06	60.24	58.28	58.23	59.55	59.39	24	22.6	33.6	35 1	29.9	26.4	28.6	35.9	22.5	83	88	44	44	64	75	66.3	.....
19..	58 99	59.18	59.69	57.93	58.27	58.91	58.83	24.3	23	31 6	34.7	28 8	26.3	28.1	35.9	23	81	84	53	46	58	71	65.5	.....
20..	58.04	58.13	58.14	56.62	56.12	57.95	57.50	23.9	21.8	32.8	35.1	30.2	26.5	28.4	35.8	21 8	79	89	43	42	62	79	65.7	.....
21..	57.72	58.18	57.82	56.08	56.99	58.17	57.49	24 3	23.1	33 1	35.9	27.8	25 1	28.2	36	23.1	82	82	47	41	65	70	64.5	.....
22..	58.12	58.17	58.20	56.45	57.56	58.98	57.91	25.1	23.1	34 6	35 4	25.7	24.5	28.1	36.8	23.1	72	82	44	44	80	79	66 8	5.8
23..	58.68	58 98	59.14	57.62	57.93	59.75	58 68	23.8	22.9	31 8	34.7	31.5	24.8	28.2	35 2	22.9	83	85	55	47	57	75	67	.....
24..	58.70	58 75	58.87	57.53	57.30	58.85	58.33	23.7	23	33.6	35.5	30	26.1	28.6	35.9	23	82	84	44	42	60	77	64.8	.5
25..	57.93	57 94	57.50	56	56.61	58.18	57.36	24	22.7	32.3	35 4	26.4	24	27.5	36.2	22 6	83	85	48	43	73	81	68 8	12.4
26..	57.57	57 89	58 31	56.69	57.88	58.36	57.78	23.6	22.9	30.1	34 2	30 1	24	27.5	34 2	22 8	85	85	59	45	63	83	70	9.6
27..	58.48	59	59	54 57	33	57.97	59.49	58	64 23	21.9	29 9	34 7	30.5	27.8	28	34	8 21	8 88	96	54	45	62	76	70.2	.....
28..	58.77	58.98	57.97	56.72	56 72	58.15	57 88	25.4	25	32	6 34	3 31	28	7.29	5 35	1 25	84	88	53	47	56	69	66.2	.....
29..	57.51	58.23	57.58	56.02	56.53	58.15	57 34	25.6	24.7	30 9	33 4	29 3	26.6	28 4	35 7	24.6	82	79	57	48	65	74	67 5	.....
30	57.47	57.24	57.83	56.62	57.18	57.94	57.38	25.3	24	34	2 36	9 30	9 26	1.29	6 36	9 24	80	85	45	39	61	83	65 5	9.9
31..	57.51	58.22	58.67	56.83	57.01	58.20	57.74	24.8	23.6	31.1	35.2	28	25.5	28	35.3	23.4	83	83	59	46	69	75	69.2	.3
Mean	58.14	58.33	58.57	56.86	57.26	58.70	57.98	24	23.1	31.4	33.6	29	25.6	27.8	34.5	22 9	83.3	86	53	48 3	64 3	77.3	68.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	139.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	Calm	NNW	NNW	NNE	NNE	22.2	51.5	93.1	16.3	183.1	9	Ci.-S.	Fr.-N.	1	Ci.-S.	Cu.-N.
2..	ESE	Calm	W	NW	Calm	NNW	16.1	30.6	53.6	19.1	119.4	7	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.-N.
3..	E	ESE	W	WNW	NNW	NNW	27.9	65.2	90.3	38.9	222.3	3	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.-N.
4..	NNE	Calm	NNW	N	N	Calm	15.3	59.8	94.8	13.1	183	3	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
5..	E	ESE	WNW	W	ESE	ESE	28.8	53.3	80.8	24.9	187.8	4	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N. SW
6..	ESE	ESE	N	NNW	NE	NE	30.8	42.9	81	31.2	185.9	10	Ci.-S.	Cu.-N.	S 10	Ci.-S.	Fr.-N. NW
7..	Calm	ESE	WNW	NW	W	Calm	17.2	42	45.7	36.5	141.4	4	Ci.-S.	Cu.	4	Ci.-S.	Cu.-N. SW
8..	ESE	ESE	SW	WNW	SE	E	30	48.8	85.8	48	212.6	10	Ci.-S.	Fr.-N.	7	Ci.-S.	Cu.-N.
9..	ESE	ESE	Calm	WSW	SW	SE	35.9	41.2	70.6	34.9	182.6	4	Ci.-S.	S.-Cu.	10	Ci.-S.	N.
10..	ESE	ESE	S	WSW	SW	Calm	42	89.8	121.7	30.4	283.9	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N. SW
11..	SE	Calm	SW	W	SW	SSW	36.2	82.9	112.7	39.9	271.7	6	Ci.-S.	Cu.-N.	4	Ci.-S.	Cu.-N.
12..	ESE	ESE	WSW	W	WSW	SSW	33.3	65.2	114	32.2	244.7	2	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.-N.
13..	SW	SW	W	NNW	WNW	ESE	16 4	52.3	48.3	44.1	161.1	10	Ci.-S.	N.	4	Ci.-S.	Cu.-N.
14..	ESE	ESE	WNW	WNW	SE	ESE	36.4	50.7	70.5	32	189.6	3	Ci.-S.	Cu.	5	Ci.-S.	Cu.-N.
15..	SE	ESE	NW	NW	N	Calm	29.8	46.4	104.4	33.8	214.4	4	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.-N.
16..	ESE	ESE	NW	NW	NW	NE	37.2	40.2	79.7	23.3	180.4	4	Ci.-S.	Cu.	2	Ci.-S.	Cu.-N.
17..	E	ESE	WNW	NNW	NNW	NNW	23.9	48.5	90.1	27.1	189.6	2	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
18..	Calm	Calm	WNW	NNW	NNE	NNE	16.4	43.5	109.2	31.7	200.8	1	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
19..	Calm	ESE	NNW	N	E	Calm	21.2	58.2	68.1	13.1	160.6	0	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
20..	E	ESE	ESE	N	N	Calm	23.5	45.1	89	15.6	173.2	0	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.-N.
21..	ESE	ESE	WNW	WNW	ESE	ESE	31.6	60.2	96.6	59.7	248.1	0	.....	S.-Cu.	2	Ci.-S.	Cu.-N.
22..	ESE	ESE	NW	NNW	SE	ESE	28.7	51.7	77.5	32.8	190.7	0	.....	Cu.	6	Ci.-S.	Cu.-N.
23..	ESE	ESE	NW	NW	E	ESE	38.1	52.6	75.6	57.4	223.7	0	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. SW
24..	ESE	ESE	NW	NW	N	Calm	37.2	55	77.5	28.5	198.2	0	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N. SW
25.	Calm	ESE	W	NW	ESE	ESE	29.2	56.3	71	54.5	211	2	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu -N. NW
26..	ESE	ESE	NNW	WNW	SSE	SE	27.2	38.8	65.8	50.4	182.2	1	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.-N.
27..	ESE	ESE	ESE	NW	NW	ESE	42.1	46.9	84.3	22.8	196 1	4	Ci.-S.	S.-Cu.	3	Ci.	Cu.-N.
28..	ESE	ESE	SSW	NW	NNW	Calm	32.4	41.5	67.9	26.8	168.6	6	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.-N.
29..	Calm	ESE	WNW	WNW	W	ESE	25.4	45.7	77	42.1	190.2	5	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu.-N.
30..	ESE	ESE	WNW	WNW	W	Calm	33.3	47	78.6	22 5	181.4	3	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N. SW
31..	E	ESE	NNW	NNW	ESE	Calm	34.1	48.3	89.9	42.4	214.7	3	Ci.-S.	Cu.	4	Ci.-S.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	29	51.7	82.7	33.1	196.5	3.9	.....	.....	4.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,093	....	.....	.....	....	.....	.....

LAOAG.

[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 9.5 meters; gravity correction not applied, —1.58 mm.]

JUNE, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p.m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.02	58.05	58 33	56.77	57 02	58 82	57 84	24 1	23.9	33 1	35 2	27.5	26.3	28.4	36.3	23.8	82	79	53	46	73	80	68.8	7.6
2..	57.98	58.35	58 15	56 24	56.50	57.85	57.51	25.1	22.9	30.2	33.8	31.1	25	28	33.8	22.2	84	83	61	50	59	79	69.3	.5
3..	57.50	57.74	58.05	56.34	57 01	58.05	57.45	24.1	23	29.1	30.6	26 1	24.8	26.3	34.2	23	82	84	62	59	79	85	75.2	1.5
4..	57 90	57 43	57.27	56.43	56.88	57.98	57 32	23.9	22.8	32.9	34.2	28.9	26	28.1	35 8	22.8	84	86	50	47	69	84	70	1
5..	57.68	57.74	58.04	56 96	57 10	58.67	57.70	24 2	23.1	33 7	33 6	30.5	27.3	28.7	36.2	23.1	85	87	47	49	63	78	68.2	.....
6..	58.60	58.30	58 37	57 28	57.91	59 02	58.25	24.9	23.7	32.4	34.5	27.1	25.7	28	37.1	23 7	79	82	52	48	72	77	68 3	.....
7..	58 32	58.20	58.38	56 97	57.42	59	58.05	24.3	23	32 6	30.5	25.6	25	26 8	35.9	23	82	86	50	62	82	80	73.7	3.3
8..	58.12	58 19	58 29	57.27	57.36	58 87	58.02	23.9	23.2	32.1	35.1	28 7	25 4	28.1	36	23.2	86	90	54	47	66	79	70.3	.....
9..	58.80	59 04	58.45	57.56	58.12	59.42	58.56	25	24 1	31 3	35	29.7	25 3	28 4	35 6	24 1	80	82	57	44	63	80	67 7	1.3
10..	58.35	58.49	58.86	56 99	57 19	58 21	58.02	23 8	22.4	30.7	37	30.8	27.3	28.7	37.1	22 4	83	88	56	39	58	68	65.3	.....
11..	57.99	58.12	57.95	56.37	56.53	57.46	57.40	24.9	23.9	34 2	36.4	25.1	24	28.1	37.3	23 7	79	81	51	45	83	88	71.2	2
12..	57.24	57.54	57.29	56.52	57.22	58.58	57.40	23 1	22 8	33.2	34	26.7	24 4	27.4	36.4	22.7	94	93	55	52	85	88	77.8	11.7
13..	57.11	57 09	56.85	55 72	56 10	57 76	56.77	22.9	22 3	32.2	34.8	30.6	27.7	28 4	36.1	22.3	96	97	58	50	68	82	75.2	.....
14..	57.19	57.32	57 52	56 15	56 27	58.12	57.10	25.1	23.5	33.8	35.9	31 3	27.8	29 6	36 3	23.5	91	94	53	47	64	82	71.8	.....
15..	57 75	57 89	58 35	57.32	57.39	58.07	57.94	26.2	24 8	33.5	34.8	30.8	25.9	29.3	36	24 7	90	93	54	57	67	85	74.3	.3
16..	58.21	58.17	58.05	56 28	56.07	57.80	57.43	24 6	23.2	33.1	36.1	30.4	27 3	29.1	36 2	23.2	87	93	55	46	69	84	72.3	.....
17..	56.86	57	56.97	55 06	55.20	57.01	56.35	25.2	24	31.4	35.2	31.5	26.7	29	36	24	90	91	62	48	64	79	72.3	.....
18..	56 35	56.99	56.79	55.42	56 23	58	56.63	25.1	24 9	32 6	35	29.3	25.6	28.8	35.9	24.6	84	84	55	46	68	79	69.3	7.6
19..	57 72	58	58 19	57.15	58.01	59 56	58.10	24.7	23.2	31.9	30.7	24 5	23	26.3	34.9	23	86	90	56	62	86	91	78.5	21.8
20..	58.49	58.44	58 61	57 36	57.77	59 03	58 28	22.9	22.1	30.1	33.2	27 1	23.5	26.5	34.1	22.1	92	94	59	52	78	89	77.3	46.7
21..	58	58 03	58.26	56.63	56.38	58 99	57.72	23 4	23.1	27.2	32.5	29.7	21.8	26.3	32.9	21.4	91	90	77	55	67	93	78.8	140.9
22	58.96	57.71	57.41	56	56.17	57.28	57.26	21.7	21.7	27.2	30.8	26 6	24.3	25.4	31	21.4	94	96	71	58	75	86	80	4.8
23..	56.97	57	56.97	55.89	56 60	57 98	56.90	23.5	22.4	29.4	32.5	25	23.1	26	32.7	22.4	87	91	63	52	83	90	77.7	53.6
24..	58	57.53	57 32	56 22	56.55	58.12	57.29	22.4	21.8	29.3	32.2	29.9	23.2	26.5	32.8	21.8	95	96	66	57	65	90	78 2	9.9
25..	57.52	57 62	56.49	55.54	56 38	57 01	56.76	23	22.8	31	31 4	24.3	24	26.1	32.4	22.8	91	93	62	63	89	91	81.5	19
26..	56.62	56 39	55.70	54 20	54.04	55.34	55.38	23.4	22 5	30.1	31 4	25.1	24.8	26.2	32 9	22.5	95	97	65	62	91	92	83.7	9.4
27..	55 20	55.33	55.77	55 51	56.20	57.93	55.99	23.5	23.8	26.4	26 2	23.2	21.9	24.2	27.9	21 9	96	97	82	84	98	97	92.3	108 6
28..	56.93	57.01	57.87	57 22	57.66	59.82	57 75	22.3	22.1	28.2	26.3	27.8	23.7	25 1	31.2	22.1	97	97	72	85	76	96	87.2	86.3
29..	59 09	58.13	58.64	57.74	57.28	58.70	58.26	23.5	23 3	27.3	32	30.2	27.3	27.3	32.3	23.1	97	97	78	59	64	81	79.3	.....
30..	58 10	58.23	58	56.01	56 65	58.45	57.57	25	23.3	31.7	34.4	29	25.4	28.1	34.8	23.3	92	97	59	55	69	88	76.7	.....
Mean	57.72	57.70	57.71	56.44	56.77	58 26	57.43	24	23.1	31.1	33.2	28.1	25.1	27.4	34.6	22.9	88.4	90.3	59.8	54.2	73.1	84.7	75.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	537.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	ESE	ESE	SW	WNW	ESE	ESE	47	58.7	75 6	27.7	209	3	Ci.-S.	Cu.	5	Ci.-S.	Cu.-N.
2..	ESE	Calm	WNW	WNW	ESE	Calm	29.8	40 7	53 3	48.3	172.1	6	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.-N.
3..	ESE	ESE	NW	WNW	ESE	Calm	46.4	38 8	52 9	27.9	166	3	Ci.-S.	Cu.	10	Ci.-S.	Fr.-N.
4..	ESE	ESE	W	NNW	NNW	ESE	29.2	44 6	58.2	26.6	158 6	6	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
5..	ESE	ESE	NW	NW	ESE	ESE	32.4	48.6	62.6	24.1	167 7	3	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
6..	SE	ESE	NNW	NW	ESE	ESE	35.6	38 6	39 4	41.6	185.2	5	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
7..	ESE	ESE	W	W	ESE	ESE	30.4	29	59.5	39.7	158.6	4	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
8..	Calm	ESE	WSW	NW	SE	ESE	23	46.9	75.4	33.5	178 8	4	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. NW
9..	SE	ESE	SE	NW	E	ESE	34.6	51.2	75.1	30 8	191.7	5	Ci.-S.	Cu.-N.	4	Ci.-S.	Cu.-N.
10..	SE	ESE	Calm	NW	ESE	ESE	26	41.8	71.8	40.4	180	6	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.-N.
11..	SE	ESE	SSW	WNW	ESE	ESE	63.1	51.3	71.3	42	227 7	3	Ci.-S.	Cu.	3	Ci.-S.	Cu -N.
12..	ESE	ESE	W	NNW	ESE	ESE	40.5	54.1	73.7	35 1	203.4	2	Ci.-S.	Cu.	4	Ci.-S.	Cu.-N.
13..	SE	ESE	S	WSW	NNW	ESE	35.1	46 1	99.8	29 2	210 2	2	Ci.	Cu.	3	Ci.-S.	Cu.-N.
14..	E	ESE	WNW	W	NW	ESE	30.4	43.5	79 2	34.1	187.2	2	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
15..	SE	ESE	WSW	WNW	NNW	E	31.6	54.7	87 2	40	213.5	1	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
16..	E	ESE	SSE	W	WNW	E	37.3	54.2	71 1	24 9	187.5	2	Ci.-S.	Cu.	2	Ci.-S.	Cu.-N.
17..	E	ESE	W	WNW	WNW	ESE	30.8	60 7	89 6	54 5	235 6	1	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
18..	SE	ESE	W	WNW	SE	SE	30.4	67 6	102 8	38.8	239.6	4	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.-N.
19..	SE	ESE	SW	W	SE	Calm	28.8	51 7	71.8	39 4	191.7	0	Ci.-S.	Cu.	10	Ci.-S.	Fr.-N.
20..	SE	SE	S	S	SW	SE	27.2	44 3	107 8	36 2	215.5	4	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N. S
21..	SE	ESE	SW	WSW	SW	SW	43.5	43.5	82.9	52.3	222 2	10	Ci.-S.	N.	7	Ci.-S.	Cu.-N.
22..	S	SE	S	SW	SE	SE	56.8	39.7	86 7	59.7	242 9	10	.....	N.	10	Ci.-S.	Cu.-N.
23..	SE	SE	SSE	W	E	E	28.7	45.4	74	39.7	187.8	8	Ci.-S.	Fr.-N.	7	Ci.-S.	Cu.-N.
24..	SE	Calm	NW	NW	W	SE	20.1	20.6	52.8	41 6	135.1	10	Ci.-S.	Fr.-N.	8	Ci.-S.	Cu.-N.
25..	ESE	Calm	NNW	NNW	SE	SE	29.2	32 5	82.1	22.7	166.5	5	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. NW
26..	SE	ESE	Calm	N	ESE	E	36.7	33 8	56 8	30 6	157 9	3	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. NNW
27..	ESE	ESE	SSE	SW	S	SE	43.7	39.7	70 5	48 6	202 5	10	Ci.-S.	Fr.-N.	10	Ci.-S.	N.
28	Calm	ESE	SW	SSE	SW	SE	30.4	66.2	76.6	63.6	236.8	10	Ci.-S.	Cu.-N.	10	Ci.-S.	N. SW
29..	ESE	Calm	ESE	WNW	WNW	Calm	37	23.9	56 1	11 3	128.3	10	Ci.-S.	Fr.-N.	5	Ci -S.	Cu.-N.
30..	ESE	ESE	NW	NW	ESE	Calm	32	34.1	49 4	31 2	146.7	3	Ci.-S.	Cu.	1	Ci.-S.	Cu.
Mean	.....	.....	.....	.....	.....	.....	34.9	44.9	73.2	37.1	190.2	4.8	.....	.....	6.2	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,706.3	....	.....	.....	....	.....	.....

LAOAG.

[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 9.5 meters; gravity correction not applied, —1.58 mm.]

JULY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.42	57.37	57.49	55.47	55.23	57.09	56.68	24.5	23.4	32.3	33.6	31.3	26.9	28.7	36	23.4	94	98	56	57	59	80	74	.....
2..	56.58	56.70	57.11	56.01	56.25	57.93	56.76	24.9	23.2	28.2	33.8	25.2	24.9	26.7	33.9	23.2	91	98	76	55	90	92	83.7	5.5
3..	56.92	56.98	57	55.43	55.51	56.98	56.47	24.3	23.3	31.6	33.1	29.2	25.6	27.8	33.8	23.1	96	97	63	56	70	88	78.3	2.1
4..	56.17	56	56.01	55.08	54.57	56.04	55.64	24.5	23.8	30.1	29.8	27.4	25.2	26.8	32	23.7	94	97	64	67	80	90	82	7.1
5..	55.25	54.99	54.55	53.91	53.84	55	54.59	24.6	24.1	29.5	26.2	25.1	24.2	25.6	30.5	24	93	96	64	85	91	97	87.7	18.5
6..	54.35	54.06	54.25	53.49	54.22	55.06	54.24	23.8	23.1	31	31.3	25	24.3	26.4	32.2	22.9	97	97	62	59	92	94	83.5	6.4
7..	54.59	54.74	55.27	54.04	53.64	55.45	54.62	23.9	23.1	27 2	32	29.2	26.1	26.9	32.2	23	96	97	77	51	63	80	77.3	.....
8..	55.03	55.04	55.02	53.93	54.08	55.67	54.80	23.9	23	31.2	31.7	29.4	25.8	27.5	32.6	23	92	97	55	55	62	81	73.7	.....
9..	55.20	55.15	55.60	54.21	55.14	55.98	55.21	24.3	23	31 7	32.4	27.4	24.6	27.2	34	23	87	95	51	50	74	88	74.2	4.1
10..	55.49	55.79	55.52	54.97	55.21	56.01	55.50	24.1	23.2	30 1	30.9	26.4	25.2	26.6	32.1	23.1	91	97	59	56	78	83	77.3	1.5
11..	55.73	55.79	55.35	54.32	54.82	55.32	55.22	24.2	23.1	31.6	27.9	24.9	23.7	25.9	32.2	23.1	88	96	53	72	86	92	81.2	127.5
12..	54.37	54.46	53.41	52.39	51.98	52.14	53.12	23.9	23.2	24.4	23.8	25	24.3	24.1	25.4	23.2	92	97	93	95	90	94	93.5	82.1
13..	51.79	50.95	53.46	52.40	52.05	53.81	52.41	24.3	24.9	22	24	25.4	25 2	24.3	25.5	21.9	91	89	96	83	74	73	84.3	63.2
14..	53.40	54.03	54.05	54.16	54.43	55.90	54.33	24.5	21.9	29.9	29.4	26.2	24 2	26	31.9	21.9	78	92	54	57	70	82	72.2	7.4
15..	55.39	55.95	56.76	55.25	55.51	57	55.98	22.9	22	28	32.1	28.2	26 8	26.7	33.4	22	87	91	62	46	62	71	69.8	.....
16..	56.85	57.04	56.40	54.66	54.23	55.46	55.77	24.5	22.9	31.2	34.6	30.9	26.2	28.4	34.6	22.9	81	89	52	45	55	73	65.8	11.4
17..	55.01	54.74	54.76	52.95	52.52	53.91	53.98	25.2	23.9	25.2	26.4	25.5	23.4	24.9	26.6	23.4	77	84	77	73	78	88	79.5	10.8
18..	53	52.91	53.77	53.57	53.15	54.33	53.46	23.4	22.8	26.5	25.4	25	24 6	24.6	26 6	22 8	88	93	73	79	82	85	83.3	20
19..	53.44	53.31	54.43	53.40	53.26	54.74	53.76	23.7	23.1	25.2	24.4	24	23.1	23.9	26.2	22.9	87	90	80	85	85	90	86.2	25.7
20..	53.46	54.03	55.10	55.06	55.20	56.78	54.94	22.9	23.9	27.8	28.2	24.9	24.7	25.4	29.2	22.1	90	82	65	62	79	79	76.2	4.1
21..	56.05	55.45	55.80	56.47	56.99	58.27	56.50	23.1	22.9	29.5	24.9	24	24.1	24.8	31.4	22.9	90	92	56	79	83	82	80.3	9.9
22..	56.89	57.31	58.03	56.82	57.79	59.03	57.64	22.9	21.8	28.6	31.9	27.6	25 7	26.4	32.3	21.8	90	96	64	49	66	78	73.8	.....
23..	58.82	58.84	58.82	58.23	58.28	59.92	58.82	24.6	23.5	31.3	32.9	26.6	23 8	27.1	33.5	23.5	83	87	52	46	75	88	71.8	50.8
24..	58.88	57.94	58.05	56.98	58.02	58.99	58.14	23.1	22.9	30	31.8	26.1	23 3	26.2	32.1	22.8	92	92	57	51	76	90	76.3	32.9
25..	58.05	56.99	57	56.05	56.18	57.37	56.94	23	22 4	29.9	30.4	28.8	23.5	26.3	32.2	22.4	91	96	57	54	61	90	74.8	12.4
26..	56.84	56.95	57.01	55.60	55.62	56.78	56.47	23.8	23.8	28.7	32.1	28	25.2	26.9	32.1	23.8	88	86	63	53	66	82	73	2.5
27..	56.04	55.83	56.96	55.69	55.09	56.07	55.95	24.1	23.8	23.8	25.3	25.2	24 5	24.4	26.3	23.2	89	88	90	81	83	87	86.3	23.5
28..	55.12	55.14	55.55	54.38	54.43	55.96	55.10	23.7	23.1	28	28.3	25.8	24.6	25.6	29.9	23.1	91	94	68	67	81	87	81.3	30.2
29..	55.08	55.09	55.32	54.49	55.17	56.55	55.28	23.3	23.4	28.4	25.7	24	22 7	24.6	28.9	22.7	92	91	65	80	90	94	85.3	188.4
30..	55.68	55.96	56.08	55 39	55.63	56.86	55.93	22.9	22.7	28.6	28.2	26.9	24.1	25.6	29.7	22 4	92	94	64	65	72	87	79	5.3
31..	56	55.89	56.01	54.65	55.51	56.24	55.72	23.8	23.5	26.9	30.4	25.9	25	25.9	31.4	23.5	88	90	72	56	77	82	77.5	1.5
Mean	55.58	55.53	55.80	54.82	54.95	56.21	55.48	23.9	23.2	28.7	29.4	26.6	24.7	26.1	31	22.9	89.5	92.8	65.8	63.5	75.8	85.4	78.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	754.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	ESE	Calm	SW	SW	NE	ESE	29.3	29.3	31 2	18.8	108.6	2	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
2..	ESE	ESE	NW	WNW	SE	ESE	15.5	28	56.9	36.5	136.9	1	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. S
3..	Calm	ESE	SE	W	SW	ESE	30.3	47.5	77.7	34.6	190.1	7	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.-N. S
4..	SE	ESE	SW	SW	SW	ESE	40.7	75.4	77.2	49.9	243.2	2	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
5..	SE	SE	S	WNW	SW	SSW	31.6	82 7	66.2	46.7	227.2	7	Ci.-S.	S.-Cu.	10	Ci.-S.	N.
6..	SE	SE	SSW	SW	S	SE	32.8	82 9	118.9	40.4	275	4	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu.-N. SW
7..	Calm	SE	SW	SW	SW	SE	17 5	56.5	103	42	219	6	Ci.-S.	Fr.-N. S	3	Ci.-S.	Cu.-N.
8..	SE	SE	SW	SW	SW	Calm	31.9	58 9	95.2	36.5	222.5	0	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N. S
9..	SE	Calm	SW	SW	SSE	SE	34	46.1	74.8	34.6	189.5	2	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
10..	Calm	Calm	SW	SW	S	SSE	25.7	56.3	103.3	26.8	212.1	5	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
11..	SE	ESE	SW	WSW	SSW	S	37.5	73.8	65 8	43.1	220.2	3	Ci.-S.	S.-Cu.	10	Ci.-S.	N. SW
12..	Calm	SSE	SSE	SW	SW	S	16.7	48.1	89 1	73.4	227.3	10	Ci.-S.	N.	10	Ci.-S.	N. SW
13..	SSW	SSW	SW	SSW	S	S	122.1	130 6	114.3	70.8	437.8	10	Ci.-S.	Fr.-N. SSW	10	Ci.-S.	N. SW
14..	SE	SE	SE	SW	SSE	SSE	75.6	58.7	91 4	25.1	250 8	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N. SW
15..	SE	SE	ESE	WSW	WNW	Calm	35.6	22 5	33.6	17.9	109 6	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
16..	Calm	SE	NNW	NNW	NNW	E	21.4	49.4	48	23.1	141 9	4	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.-N.
17..	ENE	ENE	NE	NNE	Calm	NE	25.4	59.5	51	27.7	163.6	10	Ci.-S.	N.	10	Ci.-S.	N.
18..	SE	Calm	SSE	Calm	Calm	Calm	18.2	20.6	12.1	11.6	62.5	10	Ci.-S.	Fr.-N.	10	Ci.-S.	N.
19..	SSE	SSE	S	SE	S	SSE	33.8	42.4	48.9	41.6	166.7	10	Ci.-S.	Fr.-N.	10	Ci.-S.	N.
20..	S	S	SSW	SW	SSW	SSE	36	63 1	127.9	45.7	272.7	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Fr.-N.
21..	SE	SE	SW	SSW	S	SE	25.1	90.1	110	39.2	264 4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	N. SSW
22..	SE	ESE	SSW	W	SSW	SE	28.8	48	101.4	30.6	208 8	10	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N.
23..	SE	ESE	W	W	W	SE	33.6	54.9	77.2	48.3	214	8	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.-N.
24..	SE	SE	SSE	SW	SSW	SE	37	52 1	96.3	57.6	243	10	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.-N. SW
25..	SE	SE	Calm	SW	SW	SE	37	38.6	94.1	55.5	225 2	10	Ci.-S.	N.	6	Ci.-S.	Cu.-N.
26..	SE	ESE	SW	SW	SW	SE	30.8	48.1	82 1	41.5	202 5	9	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. SW
27..	Calm	ESE	E	SW	SSW	Calm	25.9	38.8	35.4	16.7	116.8	10	Ci.-S.	S.-Cu.	10	Ci.-S.	N.
28..	SE	SE	Calm	WSW	SW	SE	20 3	33 8	65.2	32.8	152 1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Fr.-N. W
29..	Calm	E	SSW	SW	SW	SE	14 7	63.6	55.5	50.2	184	10	Ci.-S.	S.-Cu.	10	Ci.-S.	N.
30..	SE	SE	SSW	SSW	SW	SSE	31.9	66	99.8	56	253 7	10	Ci.-S.	Fr.-N.	8	Ci.-S.	Cu.-N. SW
31..	S	Calm	SW	SW	SSW	SE	23.9	47.2	106	43.1	220.2	10	Ci.-S.	Fr.-N.	7	Ci.-S.	Cu.-N. SW
Mean	.....	.....	.....	.....	.....	.....	32 9	55.3	77 7	39.3	205.2	7.4	.....	.....	7.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,361.9	....	.....	.....	....	.....	.....

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[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 10 meters; gravity correction not applied, —1.58 mm.]

AUGUST, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	56.03	55.53	56 08	55.26	55.38	57.01	55.88	24	23.8	29.2	30.9	27.2	24.9	26.7	31.7	23.6	86	88	60	53	68	81	72.7	1.8
2..	56.13	56.17	56.71	55.42	55.86	57.02	56.22	24.1	23.2	28.7	30.6	26	25.3	26.3	31.6	23.2	87	93	62	55	78	81	76	44.7
3..	57.03	56.28	57.06	55.83	55.74	57.12	56.51	24.2	24	27	27.7	22.9	22.9	24.8	28.4	22.9	88	90	72	69	94	94	84.5	216.8
4..	57.07	56.38	56.15	55.04	55.24	56.55	56.07	22.8	22.4	27.1	30.1	25.9	23.8	25.4	31.1	22.4	93	96	72	58	78	90	81.2	7.9
5..	56.77	56.67	56.85	55.73	56.45	57.89	56.73	23.7	23.2	29.3	31.1	26.1	24.8	26.4	31.9	23.1	89	91	60	53	74	80	74.5	.8
6..	57.97	58.02	58.35	57.08	57.40	58.22	57.84	23.8	22 6	29.5	31.3	27.9	23.8	26.5	32	22.5	88	95	61	54	68	90	76	3.6
7..	58.01	57.99	58.05	56.37	55.51	57.03	57.16	22.4	22	30.1	33.3	30.5	26.7	27.5	33.9	22	96	98	57	49	61	77	73	.....
8..	57.02	57.02	56.88	55.06	55.98	57.43	56.56	24.7	23.8	32.1	35.3	27.8	26.2	28.2	35.4	23.3	86	94	56	48	71	79	72.3	1.5
9..	56.99	57.03	57.23	56.21	56.27	57.23	56.83	24.7	24	30.8	30.9	29.1	26	27.6	32.8	23.9	86	90	57	60	68	82	73.8	.....
10..	57.19	57.58	58.18	56.62	56.21	56.17	56.99	25.1	24.9	28.4	28.8	25.1	24	26	30	23 8	88	86	68	68	89	91	81.7	146.1
11..	54.71	51.81	49.40	46.87	49.33	53.04	50.86	23.8	25	24.4	24	24	23.9	24.2	25	22.6	91	83	88	91	85	86	87.3	268.2
12..	53.04	54.66	55.48	55.65	56.38	57.94	55.52	24	24	28.7	29.4	27.8	25.3	26.5	29.9	23.3	85	85	63	59	67	81	73.3	.....
13..	57.29	57.28	57.55	56.74	57.12	58.70	57.45	24.1	22.9	27.5	30.9	26.6	24.8	26.1	30.9	22.9	89	92	70	55	74	85	77.5	.....
14..	57.61	57.54	57.75	56.53	56.58	57.92	57.32	23	22	30 9	33.1	29.2	26.4	27.4	33.8	21.9	95	98	54	50	63	79	73.2	.....
15..	57.15	57.48	57.54	56.38	55.89	57.10	56.92	24.9	23.8	30.9	31.5	28.8	25.8	27.6	32.7	23.5	84	90	55	59	65	81	72.3	.....
16..	56.75	56.14	55.33	53.69	53.40	54.21	54.92	24.8	23.9	29.2	31.8	27.3	25.1	27	32.3	23.9	85	91	60	56	75	84	75.2	29.1
17..	53.74	52.95	51.69	50.09	49.85	51 15	51.58	24.2	24	29.3	27.8	27	26	26.4	30.2	24	90	90	62	71	74	79	77.7	20.3
18..	49.79	48.87	49.85	49.85	50	51.55	49.98	26.1	25 9	24 9	24.8	27	25.8	25.8	27.1	24.3	79	78	86	85	74	81	80.5	44
19..	51.62	52.29	53 74	53.33	53.53	55.13	53.27	24.3	24.3	24 9	26.9	26.6	23.9	25 2	27	23	87	86	83	70	72	91	81.5	81.9
20..	55.23	55	56.29	55.12	56.10	57.34	55.85	23.2	22.1	28.1	29.3	26.9	24.5	25.7	29.9	21.8	93	97	67	61	73	87	79.7	.....
21..	57.66	57.91	57.68	57.71	58.60	60	58.26	24.2	23.3	29.9	31.8	28	25.3	27.1	32.3	23.3	88	92	59	51	69	83	73.7	6.4
22..	58.82	58.96	59.72	58.93	58.95	59.92	59.22	24.3	23.7	31.6	33.1	29.5	26.5	28.1	33.3	23.7	89	92	55	53	63	79	71.8	.....
23..	59.13	58.87	59.23	58.63	59.49	60.10	59.24	24.9	23.1	31.1	33.2	28.5	25.5	27.7	33.3	23.1	86	96	55	53	68	81	73.2	.....
24..	60	60.03	59.91	58.40	59.21	60.10	59.61	24.2	22.9	31.2	33	26.1	24.5	27	33.1	22.9	88	96	56	55	79	87	76.8	.....
25..	59.93	59.77	59.37	58.21	58.56	59.55	59.23	23.9	22.9	31.3	32.2	25.1	24.4	26.6	34	22.9	91	96	57	57	83	88	78.7	.5
26..	58.52	58.69	58 94	57.21	57.08	58.62	58.18	23.4	23	30.5	31.8	27.1	25	26.8	33.5	22.9	91	93	56	55	75	85	75.8	1
27..	58	58.12	58.05	56.96	57.05	58.51	57.78	24.1	23.2	30.7	33	29.9	26.4	27.9	33.2	23	89	95	57	52	59	76	71.3	.....
28..	58.97	58.54	59.01	57.18	57	58.51	58.20	25.1	23.9	31.4	33	28.9	26.1	28.1	33.6	23.8	83	91	56	50	65	80	70.8	.....
29..	58.08	58.02	58.06	55.96	55.10	56.69	56.98	24.7	23.5	31.6	33	28.9	26.2	28	33.1	23.4	86	94	57	51	62	79	71.5	.....
30..	56.02	55.99	56.03	54.72	54.98	56.44	55.70	25	23.9	32.1	34.8	28.2	25.7	28.3	34.8	23.9	83	91	55	47	66	80	70.3	.....
31..	56.02	55.31	55.51	54.29	53.99	55.41	55 09	24	22.6	31.8	33.9	29.7	26.8	28.1	34.1	22.3	90	97	52	48	59	77	70.5	.....
Mean	56.72	56.55	56.70	55.52	55.75	57.08	56.39	24.2	23.5	29.5	31.1	27.4	25.2	26.8	31.8	23.1	88	91.7	62.2	57.9	71.6	83	75.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	874.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SE	SE	SSW	SSW	SSW	SE	32.4	96.9	134.7	59.5	323.5	3	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.-N. SW
2..	SE	ESE	SSW	SSW	SE	SE	30.4	69.5	112.5	39.7	252.1	10	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N. SSW
3..	SE	SE	SW	SW	SW	SE	31.4	48.5	78.3	64.7	222.9	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N. SW
4..	SE	ESE	SSE	SW	S	SE	41.8	34.8	73.7	39.6	189.9	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N.
5..	ESE	ESE	SW	SW	SW	SE	21.9	57.3	88.5	44.3	212	10	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N. SW
6..	SE	ESE	SW	WSW	Calm	SE	28.4	36.8	68.7	36.5	170.4	4	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N.
7..	ESE	ESE	ESE	WNW	Calm	Calm	24.3	28.2	67.3	10.3	130.1	4	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.-N.
8..	ESE	ESE	NW	N	Calm	SE	17.1	40.5	36.5	11.8	105.9	2	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
9..	E	Calm	E	W	SW	Calm	18	16.7	39.1	13.2	87	4	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N.
10..	SE	Calm	W	WNW	Calm	SE	15.3	39.2	44	31.1	129.6	10	Ci.-S.	Fr.-N.	10	Ci.-S.	N.
11..	NNE	NNW	NNW	WSW	S	S	69	182.6	265.5	210.8	727.9	10	Ci.-S.	N. N	10	.....	N. W
12..	S	S	S	SW	SSW	SSE	67.4	93.3	119.3	36.5	316.5	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
13..	SE	ESE	SE	SW	SW	SE	35.7	42.3	53.1	25.4	156.5	7	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N.
14..	SE	ESE	W	WNW	WNW	Calm	45.3	43.3	54.7	7.8	151,1	0	Ci.-S.	Cu.	1	Ci.-S.	Cu.
15..	ESE	ESE	WNW	NW	NNW	NNW	29.2	41.8	67	19.8	157.8	0	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.-N. NW
16..	ESE	ESE	ESE	NNW	N	N	25.5	50.2	101.2	36.5	213.4	9	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N. NW
17..	NNW	NNW	NNW	WNW	WNW	W	27.7	87.2	185	112.5	412.4	10	Ci.-S.	N. NW	10	Ci.-S.	Fr.-N. WNW
18..	W	WSW	SW	W	WSW	WSW	90.1	128.9	128.7	116.4	464.1	10	Ci.-S.	Fr.-N. SW	10	Ci.-S.	Fr.-N. SW
19..	SW	SW	SW	SSW	SSW	S	141.1	149.7	151.3	110.5	552.6	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	Cu.-N. SW
20..	S	ESE	SSW	SSW	SSW	SSW	68.4	83.4	98.5	30.3	280.6	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. SW
21..	SE	SE	SE	SW	SW	SE	27.7	41.5	68.2	34	171.4	6	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.-N.
22..	Calm	SE	W	WNW	WNW	SE	12.4	38.3	60.6	12.1	123.4	3	Ci.-S.	Cu.	1	Ci.-S.	Cu.
23..	SE	SE	Calm	WNW	WNW	SE	20.9	36	68.4	26	151.3	0	Ci.-S.	Cu.	1	Ci.-S.	Cu.-N.
24..	SE	ESE	NW	NNW	NW	ESE	33.5	43.5	82.9	41	200.9	0	Ci.-S.	Cu.	2	Ci.-S.	Cu.-N.
25..	ESE	ESE	Calm	NW	SE	ESE	35.9	42	71.6	32	181.5	0	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N. W
26..	Calm	ESE	W	WNW	ESE	ESE	31.1	35.2	54.2	26.2	146.7	1	Ci.-S.	Cu.	5	Ci.-S.	Cu.-N. W
27..	ESE	ESE	ESE	NNW	NNW	E	32.2	38.6	74.3	26.4	171.5	0	Ci.-S.	Cu.	1	Ci.-S.	Cu.-N.
28..	Calm	Calm	NNW	NW	N	Calm	13.9	30.3	88.3	22.8	155.3	0	Ci.-S.	Cu.	1	Ci.-S.	Cu.-N.
29..	Calm	Calm	N	N	N	NNW	9.7	40	94.3	23.1	167.1	0	Ci.-S.	Cu.	1	.....	Cu.
30..	ESE	E	S	WNW	ESE	ESE	25.9	38.4	65.5	29.8	159.6	0	.....	Cu.	1	Ci.-S.	Cu.
31..	ESE	Calm	SSE	WNW	WNW	S	24.4	35.2	[a]30.4	12.9	102.9	0	Ci.-S.	Cu.	1	Ci.-S.	Cu.
Mean	.....	.....	.....	.....	.....	.....	36.4	57.7	87.9	43.3	225.4	4.9	.....	.....	5.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,987.9	....	.....	.....	....	.....	.....

NOTE: Beginning with August 1 the height of the barometer above sea level was 10 meters.

[a] 3 hours missing.

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[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 10 meters; gravity correction not applied, —1.58 mm.]

SEPTEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	55.58	55.28	55 52	53 83	53 77	55.53	54.92	24.6	24	31.9	34.1	29.5	27 7	28.6	34.7	24	87	90	50	45	61	70	67.2	.....
2..	55.07	55.16	55 65	53 39	54 37	56 02	54 94	25.4	25	32	3 34	25 3	24.2	27.7	34 5	24	82	83	53	48	83	90	73.2	97.5
3..	55.28	55.37	55 68	54 98	56 34	56.99	55.77	24	23.2	30	32.9	24.7	24	26.5	32.9	23.2	90	93	60	50	86	90	78.2	58.6
4..	56.25	56.31	56 27	55.23	55.11	56 89	56.01	23.6	23	31.1	31.3	27.1	25.3	26 9	32 9	23	91	95	54	57	76	83	76	22 1
5..	57	57 06	56.99	55 67	56 01	57 27	56 67	24.1	23 9	29.7	31.1	24.3	23 9	26.2	32.7	23.6	89	91	60	58	89	91	79.7	86.7
6..	56.97	56.92	56.97	55 78	55.47	57 31	56.57	23.2	22.3	29 8	32.1	28.5	24	26.6	32 2	22.3	95	97	58	55	67	90	77	64.2
7..	56 30	56.20	56.82	54.88	55.20	56.40	55 97	24.1	23.6	30.8	32.4	28 7	26.9	27 8	32.8	23 6	91	93	57	54	66	76	72.8	.....
8..	55.96	56 02	56.47	55.58	55 45	57 06	56 09	25.7	25	31 3	30 1	24.9	24.6	26 9	32 4	24 2	83	85	57	60	84	87	76	3.8
9..	56.71	56 73	56.64	54.92	56.15	57 32	56.41	23.9	22.9	29 8	32 8	25.5	24.1	26 5	32 9	22 9	91	94	57	53	81	89	77.5	3.6
10..	57	56 87	56 73	54 51	54 41	55 01	55.76	23.9	23.8	29 2	26.6	27.1	24.9	25 9	29.2	23.8	91	91	63	75	72	84	79.3	15.9
11..	54 08	53.82	52 97	51 32	52 05	54 50	53.04	23 9	23.9	24 8	25 8	23.2	24.3	24 3	25.8	23	91	87	83	78	93	87	86.5	201 4
12..	54 29	54 88	56.61	56 14	56.98	58.18	56 18	23.8	23.5	27 6	29	24.3	24.4	25 4	29.3	22 4	88	89	67	62	87	87	80	23 9
13..	57.47	57 71	58 65	57 22	58.07	59 70	58.14	23.7	22.4	30 3	32 8	28 7	24	27	33	22.3	91	98	57	52	66	88	75.3	6.1
14..	59 05	58 48	59.16	58 33	57.02	59.06	58 52	23.4	22.3	26 9	27	26	23.8	24.9	29.4	22.3	91	97	73	74	78	90	83.8	7.1
15..	58.98	58.90	59.54	57 26	57	59 04	58.45	22.3	21.2	29 3	32.3	28.5	26.6	26.7	32.4	21.1	97	98	60	54	63	77	74.8	.....
16..	58.65	58.57	59.09	57 01	56.43	57.74	57.92	25	23.4	29 8	32.7	28.7	26.2	27.6	32 8	23.2	83	93	58	52	66	78	71.7	.....
17..	57 43	57.02	57.68	56 05	56.72	58 80	57 28	24.4	23.1	32.5	35 8	29.5	26.9	28 7	35.8	23	88	92	48	41	63	77	68.2	.....
18..	58.17	58 97	59 48	57 27	57 56	59 41	58.48	24.5	23.9	31.4	33 1	29 9	26.8	28.3	33.4	23.8	87	92	59	51	63	78	71 7	.....
19..	59 03	59.08	59 01	57.19	57 23	59 02	58 43	25	24.1	31.9	34.5	25 5	24.1	27.5	34 7	24	87	91	56	50	83	91	76.3	10.9
20..	58.37	58.43	58.38	56.28	56.68	58 23	57 73	22.9	22 1	31 1	34 5	29 2	26	27.6	34.8	22.1	96	99	54	49	68	81	74.5	2.3
21..	58.01	58 02	58 34	57	58 62	59 60	58.26	24	23 1	31 3	33 2	23 4	23.5	26.4	33.5	22.8	91	96	54	53	91	94	79.8	50.8
22 .	59.12	59.02	58 99	57 41	58 10	59	58.61	23 1	22.7	30 7	32 2	25.3	24	26 3	32.2	22.7	96	97	59	55	84	91	80.3	50.3
23..	58.52	58.17	58.37	56.28	57.23	58 91	57.91	23 1	22.5	29.1	31.5	27 3	24.8	26.4	32 1	22 4	96	97	64	58	73	85	78 8	.....
24..	57.96	58.04	58	55 60	55.83	57 65	57 18	24	22.8	30 8	32 4	28.9	25	27 3	32.5	22 5	91	95	50	47	59	77	69.8	30.5
25..	56 78	56 48	56 33	54.30	55 23	56 98	56 02	23 9	23	30 2	32.7	27	26	27.1	33.3	23	82	86	52	47	71	75	68 8	7.4
26..	56 43	56 02	56 42	55.11	56.31	57 85	56 36	24 9	23 7	29 9	31.7	25 5	25	26 8	32 1	23 7	78	85	54	50	78	79	70.7	34.3
27 .	57.23	57 10	57.46	55.15	54.96	56.96	56 48	24 5	23.8	30 8	33 3	28.4	25	27 6	33.9	23.8	81	85	52	45	61	77	66.8	.....
28.	56.98	56.37	56 73	54 75	55 50	57 11	56.24	24	23	31	32.2	26 2	24	26.7	32.8	22.9	83	83	50	49	75	83	70.5	70 6
29..	56 83	56 57	57 20	55 56	56 10	58 08	56 72	23 7	22.8	30 2	30.9	25 7	23 8	26 1	32 1	22 7	84	86	52	55	80	78	72.5	57.4
30..	57.16	57.02	58 02	56.65	57.57	59.11	57 59	23 2	23	25.7	24 5	25	23 4	24 1	28 1	23	81	83	69	76	76	83	78	30.8
Mean	57.09	57	57.34	55.69	56.12	57.69	56.82	24	23.2	30	31 6	26.7	24.9	26 7	32.4	23	88.4	91.4	58	55.1	74.8	83.5	75.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	936.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	ESE	SSW	WNW	SW	SSE	22	34 3	55 3	34.9	146.5	0	Ci.-S.	Cu.	3	Ci.-S.	Cu.
2..	Calm	ESE	W	NW	NW	Calm	17.5	37	54.9	13 4	122.8	3	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N.
3..	ESE	ESE	ESE	WNW	SE	ESE	33 2	22.5	59 3	31.9	146.9	3	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
4..	ESE	Calm	ESE	Calm	NE	ESE	23.8	25.9	35.9	29	114.6	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
5..	ESE	ESE	Calm	NW	S	Calm	26.2	25 4	59.5	25.7	136.8	3	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N.
6..	ESE	ESE	Calm	WNW	NW	SE	29	40 2	52 1	34 3	155.6	2	Ci.-S.	Cu.	5	Ci.-S.	Cu.-N.
7..	SE	ESE	SW	WNW	W	Calm	29 2	32 5	59.3	18.2	139.2	3	Ci.	Cu.	3	Ci.-S.	Cu.-N.
8..	ESE	ESE	Calm	NNW	ESE	ESE	29	26 9	47.7	31 2	134 8	8	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
9.	ESE	ESE	NW	NNW	ESE	ESE	26.2	28.5	69.2	26 4	150 3	0	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.-N.
10.	Calm	ESE	Calm	NNW	N	Calm	17.1	25 9	47	15.5	105.5	9	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr. N.
11..	Calm	NNW	NNW	W	SW	S	27 7	83 7	128.7	119.1	359.2	10	.....	N. N	10	.....	N. W
12..	S	SSE	SSW	SSW	SE	SE	85.6	94 6	81	30.1	291.3	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Cu.-N. SSW
13..	ESE	ESE	Calm	NW	WNW	Calm	25.5	29.2	56 1	34	144.8	0	Ci.-S.	Cu.	2	Ci.-S.	Cu.-N.
14..	ESE	Calm	ESE	ESE	ESE	ESE	23.1	33 5	30 1	24.3	111	6	Ci.-S.	S.-Cu.	10	Ci.-S.	N.
15..	SE	ESE	Calm	WNW	NW	Calm	38.4	34.8	57.1	21.1	151.4	0	.....	Cu.	1	Ci.-S.	Cu.
16..	ESE	SE	Calm	NNW	Calm	SE	25 4	30 8	50 2	15.6	122	0	.....	Cu.	3	Ci.-S.	Cu.
17..	Calm	E	E	Calm	NW	N	19.9	42 6	48 9	13.4	124.8	0	Ci.-S.	Cu.	1	Ci.-S.	Cu.
18..	Calm	ESE	ESE	NNW	SW	Calm	19.9	34.9	53.6	16.4	124.8	0	.....	Cu.	1	Ci.-S.	Cu.
19..	SE	ESE	NNW	NNW	ESE	SE	15.9	32 2	49.7	22.7	120.5	0	Ci.-S.	Cu.	0	Ci.-S.	Cu.
20..	E	Calm	ESE	NW	E	Calm	13.2	18.8	43 5	12.3	87 8	0	.....	Cu.	2	Ci.-S.	Cu.
21..	Calm	Calm	WSW	NW	SE	Calm	19.5	31 2	70.6	26.9	148 2	1	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
22 .	Calm	ESE	W	NNW	E	ESE	35.1	33.2	47.8	39 9	156	2	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
23..	ESE	ESE	NW	NNW	NNW	Calm	34.4	32.4	64.4	22.7	153.9	0	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N.
24..	E	ESE	ESE	WNW	E	Calm	25.5	35.4	52.5	17.2	130.6	1	Ci.-S.	Cu.	2	Ci.-S.	Cu.-N.
25..	E	ESE	ESE	WSW	ESE	Calm	19.8	36	53.1	11.5	120 4	0	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
26..	ESE	ESE	SE	WNW	NW	ESE	21.2	28 5	52 6	13.9	116.2	1	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
27..	ESE	ESE	Calm	NNW	NNE	NE	18.8	32 2	48.3	25.5	124.8	0	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
28..	ESE	ESE	Calm	NNW	NNE	ESE	17.1	25.5	57.1	36	135.7	0	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
29..	ESE	Calm	SW	WSW	SSE	SE	24.6	44.1	74 2	35 1	178	1	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.-N.
30..	ESE	Calm	ESE	SW	ESE	Calm	30 1	26 4	42 8	29 6	128 9	8	Ci.-S.	Cu.-N.	10	Ci.-S.	N.
Mean	.....	.....	.....	.....	.....	.....	26 5	35.3	56 8	27 6	146.1	2 7	.....	.....	4.8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,383.3	....	.....	.....	....	.....	.....

LAOAG.[a]

[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 10 meters; gravity correction not applied, —1.58 mm.]

OCTOBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.05	58.72	59.40	57.01	57.45	58.56	58.36	23.3	22.9	28	29.9	24.9	24.2	25.5	32.1	22.9	84	83	65	58	79	83	75.3	7.3
2..	58.41	58 27	58.53	56.21	56.98	58.40	57.80	23.6	23 1	30.3	32.2	27.3	25.7	27	33.1	23	86	89	55	49	70	78	71.2	.8
3..	58.20	58.19	58.32	56.16	56.42	58.10	57.56	24.9	23.6	30.9	33	28.3	26	27.8	33.1	23.5	83	86	55	48	68	76	69.3	.....
4..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14.2
8..	54.06	54.72?	55.16	53.73	54.72	56.01	54.73	24	23.9	25.8	29.6	25.9	23.7	25.5	30 1	22.6	85	84	79	61	77	87	78.8	3
9..	55.68	56 04	57.20	55.41	56.48	58	56.47	22	21.5	27.8	31.9	26.1	24.2	25.6	32.1	21.5	95	94	65	50	80	88	78.7	.....
10..	57.81	58.02	58.05	55.58	56.48	58.08	57.34	23	22.2	29.3	31.7	26.9	25.1	26.4	31.8	22.1	95	95	60	51	73	83	76.2	6.4
11..	57.28	58.01	58 80	57 63	57 99	59 05	58.13	24.6	24.1	27.5	29	26.7	24.9	26 1	29 6	24 1	87	89	70	64	76	84	78.3	1
12..	58.20	58.13	60.07	57 29	58.45	59 35	58.58	24 1	23.9	31.3	34.7	29 8	25.1	28 2	34.7	23.9	91	91	55	47	62	81	71.2	.....
13..	59.50	59 97	59.33	57.28	57.40	59 50	58.83	24.2	22 9	30.8	33.3	27.8	25 4	27.4	34.1	22.6	88	96	54	49	71	79	72.8	.....
14..	59 10	59 03	59.82	57.34	58.10	59.01	58.73	23 8	22.8	30.6	29	26.8	25.2	26.4	31	22 7	90	95	55	64	72	82	76.3	.....
15..	58.57	58.83	59.74	57.05	57 74	59	58.49	24.1	22.8	30.1	31.2	27.4	26	26.9	33 3	22.6	89	95	59	56	74	81	75.7	.....
16..	58.26	58.59	58 96	56.89	57.32	58.57	58 10	24.1	23.1	28.2	30 9	28.1	25 4	26.6	33 1	23	91	89	65	55	70	82	75.3	.....
17..	57 27	57.83	57.98	55.70	56 03	57 31	57.02	22 7	21.2	31.1	34.3	27.2	24.3	26.8	34.3	21.2	92	95	54	44	71	79	72.5	.3
18..	57 37	57 47	57 84	55.50	55.92	57.06	56.86	21.5	20.8	31.3	34.1	29.2	25.4	27	34.7	20.6	92	93	51	42	60	80	69.7	.....
19..	57.27	57.44	57 82	55.61	56.28	58.01	57.07	23	21.8	32.5	35	28 4	24.2	27.5	35.9	21.8	91	93	47	41	68	90	71.7	.....
20..	57 93	57.87	58.11	55.88	56.09	57.51	57.23	22	22 3	26.7	33.1	27.4	24.8	26	33 6	22	98	97	73	47	70	77	77	.....
21..	57.16	57 84	58.44	55.96	56.73	58.02	57 36	23 2	22.6	30 1	32 4	27 2	25	26.8	33.7	22.4	90	95	57	50	77	88	76.2	.....
22..	57.16	57.72	58.37	56.01	57.38	58 51	57 52	23	22 1	30.8	31.6	27.1	25.3	26.6	32.4	22 1	97	97	59	56	78	88	79.2	.....
23	58.15	57.71	58.28	56 41	57.87	58.80	57.87	24.4	22.5	30.8	32.3	23	26	32.9	22 4	93	97	54	54	91	91	80	14.2	
24..	58.01	58.31	58 39	56.31	57.22	58.51	57.79	22.1	21.7	29.7	32.3	23	22.5	25.2	32.4	21.7	96	97	59	51	95	94	82	5.6
25..	57 93	57.97	57.99	55.55	56 29	57.65	57.23	22.1	21.3	29.9	33.3	25.4	24.1	26	33.9	21.3	96	97	55	47	82	91	78	2
26..	57 01	57.02	57.99	56.05	57 02	57.70	57.13	23.4	22.5	27.7	28.1	24 7	23	24.9	31.4	22.2	95	96	67	65	86	97	84.3	7.9
27..	56.91	57 02	57.58	55.01	55.63	57.22	56.56	21.4	20.5	29.6	31.7	26.7	23.5	25.6	32.4	20.5	95	97	55	52	76	92	77.8	.....
28..	57 02	57 88	58.54	56.70	58.02	59 02	57.86	22.2	21	29	9 32	9 26.6	23.9	26.1	33.1	21	93	95	57	47	74	91	76.2	.5
29..	59 02	59 91	59 45	57 58	58 19	59.45	58.83	22 3	21.2	30.2	32.2	27	24	26.2	33.3	21.1	94	95	58	50	75	91	77.2	.....
30..	59 03	59 02	58 98	56 71	56.97	58.02	58.12	22.2	20.5	31.2	34.5	28 1	24	26.8	35.1	20 5	96	97	50	42	68	91	74	.....
31..	58.03	58 20	58.56	56 46	56.10	57 98	57.56	21.8	20.4	31.6	34.1	27.7	23 3	26.5	34.4	20 4	93	96	49	41	69	89	72.8	.....
Mean	57.76	57.97	58.43	56.26	56.93	58.24	57.60	23.1	22.2	29.8	32.2	26.8	24.5	26.4	33	22.1	91.7	93.4	58.6	51 1	74.5	85.7	75.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	ENE	ESE	Calm	Calm	ESE	14.2	22.3	34 8	12.6	83.9	10	Ci.-S.	Fr.-N.	7	Ci.-S.	Cu.-N.
2..	ESE	Calm	SSW	WNW	WNW	Calm	14	22.8	50.2	7.7	94 7	10	Ci.-S.	N.	3	Ci.-S.	Cu.-N.
3..	ESE	Calm	SE	WNW	ESE	Calm	14.3	29.2	43.3	10	96.8	0	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
4..	.....	.....	.....	.....	.....	.....	20.1	32.8	48.1	11.3	112.3	2	Ci.-S.	Cu.	....	.....	.....
5..	.....	.....	.....	.....	.....	.....	13.5	28.5	57.7	31.1	130.8	....	.....	.....	....	.....	.....
6..	.....	.....	.....	.....	.....	.....	52.9	77	119.3	69	318.2	....	.....	.....	....	.....	.....
7..	.....	.....	.....	.....	.....	.....	56.8	75.1	112 3	52.5	296.7	....	.....	.....	....	.....	.....
8..	Calm	Calm	NE	N	NNE	Calm	12.7	54.2	109.9	33	209.8	10	.....	N.	10	Ci.-S.	Cu.-N. NE
9..	Calm	E	ESE	NW	Calm	Calm	12.9	32.8	44.3	13.2	103.2	7	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu.
10..	ESE	ESE	NE	N	ESE	Calm	16.3	40.4	61.2	35.1	153	0	Ci.-S.	Cu.	3	Ci.-S.	Cu.
11..	ESE	ESE	ESE	NNW	NW	Calm	31.6	28.2	23 9	11.5	95.2	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N.
12..	Calm	ESE	WNW	WNW	E	ESE	27.9	40	48.5	42.9	159.3	5	Ci.-S.	Cu.-N.	1	Ci.-Cu.	Cu.
13..	ESE	Calm	N	NNW	NNE	ESE	15.6	42.3	83.5	53.1	194.5	0	Ci.-S.	Cu.	3	Ci.-S.	Cu.
14..	ESE	Calm	NNE	Calm	NNE	NE	7.8	37.3	51	17.2	113.3	2	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
15..	E	Calm	SSE	W	ESE	E	15.1	19.6	51.8	17.7	104 2	2	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N.
16..	E	ESE	Calm	NNW	NW	Calm	33.5	35.4	54.7	19.8	143 4	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
17..	ESE	ESE	NNE	WNW	NE	E	22.2	33.6	60.6	24.3	140 7	0	Ci.-S.	Cu.	2	Ci.-S.	Cu.
18..	Calm	Calm	WNW	NNE	NE	Calm	11.3	25.4	45.7	18.3	100.7	0	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
19..	Calm	Calm	NE	NE	Calm	NE	11.9	32.7	48	19.8	112.4	0	Ci.-S.	Cu.	3	Ci.-S.	Cu.
20..	ENE	Calm	Calm	NE	NE	NE	20.6	17.9	57.1	29.8	125.4	10	Ci.-S.	Cu.-N.	3	Ci.-S.	Cu.-N.
21..	ENE	Calm	NE	NNW	Calm	Calm	9.4	24.4	55.7	11.9	101 4	10	Ci.-S.	Cu.-N.	3	Ci.-S.	Cu.-N.
22..	Calm	E	SW	WNW	WNW	Calm	19	29.3	38.9	15 9	103.1	4	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.-N.
23..	Calm	Calm	Calm	W	E	Calm	14.3	30.4	58.2	19.6	122.5	3	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N.
24..	Calm	ESE	E	WNW	NE	Calm	26 2	31.2	64.2	34.1	155.7	2	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N.
25..	E	ESE	W	WNW	Calm	ESE	27.6	31 9	44.6	14.5	118.6	0	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
26..	Calm	ESE	Calm	SE	SE	Calm	18.2	28.8	61.7	17.5	126.2	3	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N. SE
27..	Calm	ESE	WNW	WNW	Calm	ESE	28.8	38.4	51.2	29.3	147.7	1	Ci.-S.	Cu.	4	Ci.-S.	Cu.-N.
28..	ESE	ESE	NW	NNW	SE	E	33.6	34.1	56.1	23	146.8	0	.....	Cu.	2	Ci.-S.	Cu.-N.
29..	E	Calm	ESE	NNW	Calm	Calm	21.4	28.2	42 4	12.3	104.3	1	Ci.-S.	Cu.	2	Ci.-S.	Cu.
30..	E	Calm	NNW	NNW	NNW	Calm	23.9	22.2	30.9	12.4	89.4	1	Ci.-S.	Cu.	1	Ci.-S.	Cu.
31..	E	ESE	NW	NNW	NNW	Calm	23	30.8	32.5	12.9	99.2	0	.....	Cu.	0	Ci.-Cu.	Cu.
Mean	.....	.....	.....	.....	.....	.....	21.6	34.1	56.2	23.7	135.6	3.7	.....	.....	4.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,203.4	....	.....	.....	....	.....	.....

[a] This station was temporarily closed from the 4th to the 7th.

LAOAG.

[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 10 meters; gravity correction not applied, —1.58 mm.]

NOVEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.92	57.98	58.05	56.02	56.39	57.91	57.38	21.2	19.7	30.9	33.3	27.1	24.2	26.1	33.8	19.7	95	97	49	43	75	88	74.5	.....
2..	57.47	57.94	58.29	56.30	56 88	58.06	57.49	22.1	20.8	30.6	32.9	27	23.5	26.2	33.1	20.6	90	94	54	47	74	92	75.2	.....
3..	58.01	58.50	58.77	56.04	57.33	58.79	57.91	22.1	20.3	31.9	35.9	28.2	24	27.1	36	20.3	92	97	47	36	63	83	69.7	.....
4..	58.37	58.97	59.44	57.08	58.01	59.51	58.56	21.3	19.3	30.7	33.7	27.2	24.3	26.1	35.5	19.2	92	99	49	43	68	74	70.8	.....
5..	59.26	59.88	60.04	58.53	58.25	59.90	59.31	22.2	21.7	32	30	25.3	24.4	25.9	33.2	21.7	86	88	49	55	75	72	70.8	.....
6..	59.31	59.97	60.72	58.65	59.87	60.96	59.91	22.1	22.3	31.2	33.1	25.3	23.1	26.2	34.8	21.5	83	83	47	41	72	77	67.2	.....
7..	59.81	59.97	60.01	58.03	59.08	60.13	59.50	23.7	22.3	31.9	33.5	26.6	25.4	27.2	34.2	22.1	74	83	47	41	69	71	64.2	0.8
8..	60.01	60.36	60.90	58.86	58.99	60.15	59.88	23.3	22.7	28	28.6	26.5	23.8	25.5	30.6	22.7	87	85	59	57	67	77	72	.....
9..	59.37	59.37	59.03	56.24	57.19	58.17	58.23	22.4	21.7	32	34	26.4	24.9	26.9	35.1	21	82	81	43	41	69	73	64.8	.....
10..	57.41	58.17	58.77	56.16	57.94	59.72	58.03	24.2	23.9	28.6	32.4	24.3	22.2	25.9	33.9	22.2	80	82	61	49	81	89	73.7	2.3
11..	58.76	58.99	59.35	57.05	58.39	60.01	58.76	22	21.9	27.2	29.2	24 3	21.9	24.4	29.9	21.2	88	83	57	52	68	80	71.3	.....
12..	59.88	60.12	60.30	57.83	58.96	60.35	59.57	20.6	20	29.5	30.9	23.5	20.9	24.2	31.8	20	87	91	55	55	82	94	77.3	.....
13..	60.19	60 37	61.37	59.01	59.10	60.35	60.06	18.2	17	30.2	32.3	24.4	21.3	23.9	33.2	17	100	100	56	49	85	97	81.2	.....
14..	59.85	59.95	60.05	56.97	57 76	58.99	58.93	20.4	18.2	29.9	32.2	24.2	22.1	24.5	33.7	18.2	98	100	58	53	90	97	82.7	.....
15..	58.54	59.20	59.46	56.99	57.21	58.47	58.31	21.5	19.4	28.5	30.4	23.8	22.3	24.3	30.9	19.4	99	100	62	56	85	88	81.7	.....
16..	58.03	58.12	58.83	56.37	57 25	58.84	57.91	21.9	21.6	28.5	30.3	23.5	19.9	24.3	30.9	18.7	90	91	60	53	79	99	78.7	.....
17..	58.77	59	58.88	56.06	56.26	58.08	57.84	17.8	17	29.6	34.4	27.5	23.9	25	34.7	17	100	100	59	42	73	79	75.5	.....
18..	57.71	57.92	58.23	55.67	56.74	57.96	57.37	22.4	20.4	29.8	34 1	27.2	23.4	26.2	34.6	20.1	88	98	56	45	73	90	75	.....
19..	57.64	57.44	58 30	56.22	56.88	57.71	57.36	21.3	20.5	28.8	29	24.3	24	24.6	30.9	20.5	97	97	64	63	81	83	80.8	.....
20..	57.97	58.26	59.25	57 33	58.55	59.45	58 47	24.2	23	26.1	28.9	24	23.2	24.9	29.6	22.9	82	84	68	59	78	78	74.8	.....
21..	59.27	59.86	60.07	57.96	58.96	60	59.35	23.1	23	30.2	32.9	27	24.8	26.8	33.2	22.9	77	78	55	46	70	80	67.7	.....
22..	59.36	59.80	60.02	57.40?	58.23	59.60	59.07	22.9	21 2	30.8	35.3	27.7	24.2	27	36.5	20 9	92	98	53	48	73	90	75.7	.....
23..	59	59 01	59.67	56 40	57.07	58.86	58.34	22.1	20.2	30.7	34.5	27.4	25	26.6	35.6	20.1	96	100	57	43	73	85	75.7	.....
24..	58.36	58.99	59.19	56.12	57.19	58.71	58.09	24.6	22.2	26 7	31.6	26.9	25	26.2	34.6	22	88	98	76	57	76	83	79.7	.....
25..	58.02	58.30	59 11	57.53	58.11	58.98	58.34	21.1	19.4	28.3	30.4	25.9	24.2	24.9	32.4	19.2	97	100	63	56	77	85	79.7	6.8
26..	58.15	58.79	59.20	56.48	57.35	58.52	58 08	23	22	25.2	32.5	28	25.1	26	33.1	22	91	98	87	53	69	86	80.7	2.5
27..	58	58.96	59.02	56.30	57.13	58.68	58.02	23.9	23.7	26.2	29.9	26.4	24.9	25.8	30.9	22.8	91	89	72	58	73	78	76.8	23.6
28..	59.01	59 76	60.74	58.30	58 80	59.84	59.41	23	22	23.7	28.2	24.3	23.9	24.2	28.2	21.9	95	95	91	69	87	89	87.7	8.6
29..	59.82	59.99	61.66	59.83	59.92	61	60.37	23	23 5	24.1	27	24.1	23	24.1	27.2	23	95	89	89	74	89	91	87.8	6.6
30..	60.47	60.22	60.90	58.43	58.85	59.99	59.81	22.3	21 8	27.6	31.9	25.2	23	25.2	32.3	21	96	97	68	56	83	91	81.8	.....
Mean	58.79	59.14	59.59	57.21	57.95	59.26	58.66	22.1	21.1	29	31.8	25.8	23.5	25.5	32.8	20 7	90.3	92.5	60 4	51.3	75.9	84.6	75.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	ESE	Calm	NNW	Calm	SW	17.9	25.2	42.8	19.3	105.2	0	.....	Cu.	0	Ci.-S.	Cu.
2..	E	ESE	ESE	NW	NNW	Calm	34.1	29.3	44.8	10	118.2	0	Ci.-S.	Cu.	3	Ci.-S.	Cu.
3..	E	E	E	ENE	ENE	E	22.3	44.5	50.5	17.7	135	0	.....	Cu.	2	Ci.-S.	Cu.
4..	E	Calm	ENE	ENE	NE	Calm	13.9	23.3	43.7	30.4	111.3	0	Ci.-S.	Cu.	3	Ci.-S.	Cu.
5..	NE	Calm	NNE	NNE	NE	NE	17.2	42.3	50.1	39.1	148.7	5	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N. NE
6..	NE	NNE	NE	NE	NNE	NNE	29.8	53.3	83.5	59.8	226.4	6	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu. NE
7..	NNE	NNE	NNW	NE	NE	NE	44.8	46.9	82.7	37.8	212.2	7	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N.
8..	NE	NE	NE	ENE	ENE	NE	27.4	48.5	40.2	21.7	137.8	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N. NE
9..	NE	NE	NNE	NNE	NNE	NE	21.5	48.5	78.9	51.3	200.2	3	Ci.-S.	S.-Cu.	0	.....	Cu.
10..	Calm	NE	NNE	NNE	NNE	NNE	21.4	57.6	107.6	90.4	277	9	Ci.-S.	Cu.-N.	4	Ci.-S.	Cu.-N.
11..	NNE	N	NNE	NNE	NNE	NNE	59.7	97.9	88.5	46.7	292.8	4	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.-N.
12..	NNE	NNE	NNE	NNE	NNE	NNE	46.7	67.6	87.1	38.3	239.7	0	.....	Cu.	0	.....	Cu.
13..	Calm	E	NE	NE	NE	NE	9.9	32.2	80.5	36.5	159.1	0	.....	Cu.	0	.....	Cu.
14..	NE	Calm	NNE	NNE	NNE	NNE	29	48.1	110.8	60.6	248.5	0	.....	Cu.	0	Ci.-S.	Cu.
15..	NNE	NNE	NNE	NE	NNE	NNE	22.7	86.6	107.6	61.2	278.1	0	.....	Cu.	0	Ci.-S.	Cu.
16..	NNE	NNE	NNE	NNE	NNE	Calm	71.3	94.6	85	17.9	268.8	0	.....	S.-Cu.	0	Ci.-S.	Cu.
17..	Calm	Calm	NE	NE	NE	NE	6.1	31.4	51.2	46.5	135.2	0	.....	S.-Cu.	3	Ci.-Cu.	Cu.
18..	NE	Calm	NE	NE	NE	NE	31.9	29.5	66	25.2	152.6	2	Ci.-S.	S.-Cu.	1	Ci.-S.	Cu.
19..	NNE	NNE	NNE	NNE	NNE	NNE	26	77.4	107.6	35.9	246.9	7	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N. NE
20..	NNE	NNE	NNE	NNE	NNE	NNE	76.7	111.2	109.4	82.9	380.2	10	Ci.-S.	S.-Cu. NE	8	Ci.-S.	Cu.-N.
21..	NNE	NNE	NNE	NNE	NNE	NNE	60.7	91.4	81.8	46.7	280.6	4	Ci.-S.	S.-Cu.	1	Ci.-S.	Cu.
22..	Calm	Calm	NNE	NNE	NNE	NE	11.8	36.8	42	25.5	116.1	1	Ci.-S.	Cu.	3	Ci.-S.	Cu.
23..	NE	Calm	NE	NE	NE	NE	12.9	27.4	55	24.4	119.7	0	.....	Cu.	3	Ci.-S.	Cu.
24..	NE	Calm	NE	NE	NE	NE	20.7	23.6	54.4	22.7	121.4	3	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N.
25..	Calm	NE	NNE	NE	NNE	NE	13.4	28.7	49.9	30.3	122.3	0	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N.
26..	NE	Calm	NNE	NE	NE	Calm	26.4	15.8	38.8	12.1	93.1	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N.
27..	Calm	NNE	NNE	NNE	NNE	NNE	13.7	73.8	80.7	50.1	218.3	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
28..	Calm	Calm	ENE	Calm	NNE	NNE	22	13.1	36.7	37.3	109.1	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N.
29..	NNE	NNE	NNE	NNE	N	NNE	27.2	35.6	72.4	41.3	176.5	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
30..	Calm	Calm	NNE	NNE	NNE	Calm	12.4	30	68.7	31.7	142.8	10	Ci.-S.	Cu.-N.	3	Ci.-S.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	28.4	49.1	70	38.4	185.8	4	.....	.....	4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,573.8	.....	.....	.....	.....	.....	.....

LAOAG.[a]

[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 10 meters; gravity correction not applied, —1.58 mm.]

DECEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.95	59.54	60.32	57.80	58.64	60.02	59.38	21.8	20.8	27.9	33.3	25.1	22.8	25.3	33.7	20.8	93	98	69	49	86	86	80.2	.....
2..	59.80	59.94	60.15	57.85	58.70	60.02	59.41	20.8	20	29.1	33.9	27.7	23.9	25.9	34	19.9	98	100	60	47	73	87	77.5	.....
3..	60.04	60.13	60.83	58.85	59.06	60.36	59.88	22.1	20.9	29.5	30.7	25.1	22.7	25.2	31.5	20.5	94	97	59	51	80	85	77.7	.....
4..	60.22	61.01	61.27	58.92	59.75	61	60.36	20.6	19.3	31.7	33.9	26.9	22.8	25.9	34.2	19.2	96	100	50	43	75	93	76.2	.....
5..	60.80	61.17	61.14	59.13	59.16	60.08	60.25	20.8	19.2	30.5	31.6	24.5	22.8	24.9	32.7	19.2	96	100	55	51	81	84	77.8	.....
6..	59.83	60.03	60.03	57.40	58.03	59.81	59.19	20.9	20.9	29.2	30.3	24.1	23.4	24.8	31.8	20.5	95	95	57	58	79	78	77	.....
7..	59.80	60.11	60.51	57.74	58.04	59.02	59.20	22.3	20.9	26.3	26.9	21.7	21	23.2	28	20.1	80	94	70	66	85	87	80.3	0.8
8..	58.30	58.46	58.75	55.83	57.02	58.44	57.80	20.2	19.7	28.1	30.6	23.7	21.7	24	32	19.6	92	99	60	52	77	85	77.5	.....
9..	57.91	58.46	58.62	56.54	58.17	59.72	58.24	18.5	17.3	27.4	31.2	24.3	22.9	23.6	31.9	17.3	100	100	64	54	79	83	80	.....
10..	58.72	58.65	58.66	56.11	56.90	57.85	57.82	23.1	21.7	29.9	31.7	25.8	24.4	26.1	32.5	21.4	82	90	57	51	70	78	71.3	.....
11..	57.30	57.24	57.84	55.35	55.90	57.05	56.78	21.2	19.9	30.8	32.5	26.8	25.1	26	34.8	19.9	96	99	56	52	75	86	77.3	.....
12..	56.93	57.39	58.02	56.13	57.58	58.35	57.40	22.8	21.8	31.3	33.3	26.3	23.1	26.4	34.4	21.6	93	95	55	49	77	94	77.2	.....
13..	57.97	58.13	58.52	56.98	57.18	58.48	57.88	22.1	20.8	30.9	33.2	27.1	23.6	26.3	33.4	20.6	97	98	55	50	79	95	79	.....
14..	58.41	58.50	59.60	57.42	58.07	59.21	58.54	21.9	21.9	31	32.2	25.9	23.8	26.1	33.2	21.4	96	96	57	53	80	93	79.2	.....
15	59.15	59.19	59.88	57.53	58	59.01	58.79	21.6	22.2	28.7	31.3	25.2	22.9	25.3	31.9	21	96	89	59	50	70	82	74.3	.....
16..	58.78	58.46	58.70	56	56.80	57.90	57.77	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
17..	58.20	58.90	59.44	56.96	57.41	59.12	58.34	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
18..	59.11	59.85	60.54	58.42	59.77	60.50	59.70	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
19..	59.99	60.42	61.18	58.81	59.62	60.14	60.03	23.4	22.9	28.8	30.3	25	21.3	25.3	31.6	19.8	75	77	58	51	68	90	69.8	.....
20..	59.19	59.50	59.94	57.28	58.15	59.02	58.85	19	18.9	30.7	32.9	26.9	23.8	25.4	33.3	18.2	100	100	50	44	72	78	74	.....
21..	59.01	59.28	59.50	56.83	57.43	58.95	58.50	22.2	21.9	31.6	32.9	27.9	23.9	26.7	34	21.8	88	88	51	47	71	87	72	.....
22..	58.91	59.04	59.89	57.71	58.03	59.01	58.76	23.8	23	29.8	32.5	27.7	23.5	26.7	33.2	22.1	85	91	58	53	72	94	75.5	.....
23..	58.77	59.03	59.51	57.43	58.97	60.04	58.96	21.3	21.4	27.9	30.3	24.1	23	24.7	31.4	20.4	94	91	61	56	76	78	76	.....
24..	60.02	59.97	59.76	56.77	57.59	59.01	58.85	22.5	22	28.5	29.8	24.2	23.3	25	30.7	21.9	78	82	57	55	71	72	69.2	.....
25..	58.44	58.33	59.26	56.30	57.03	58.01	57.90	23	20.8	28.9	32.2	24.2	22.5	25.3	32.2	20.3	74	85	48	44	68	77	66	.....
26..	58.01	58.06	59.05	57	57.83	58.97	58.15	19.9	18.1	29.5	29.3	23	21.8	23.6	30.7	18	93	100	53	52	73	77	74.7	.....
27..	58.59	59.03	59.90	57.84	58.10	59.63	58.85	20.8	20	27.1	29.4	21.2	20.1	23.1	29.4	19	85	91	55	47	82	88	74.7	.....
28..	59.44	59.15	59.96	57.61	58.44	59.47	59.01	18.9	17.5	25.3	28.5	24.1	21.7	22.7	29.2	17.4	99	100	63	50	71	83	77.7	.....
29..	59.74	59.96	61.02	58.94	59.08	59.94	59.78	21.2	19.9	23.2	25	21.4	20.6	21.9	27	19.9	84	93	73	67	82	87	81	.....
30..	59.87	60.19	60.71	58.31	59	60.29	59.73	19.4	19.8	25.1	27.9	22.7	20.5	22.6	28.2	19.2	96	92	63	50	70	86	76.2	.....
31..	60.24	60.33	60.98	58.07	58.23	59.98	59.64	18.7	17.7	27.6	31.1	24.4	20.5	23.3	31.2	17	100	100	55	40	68	88	75.2	.....
Mean	59.08	59.27	59.79	57.41	58.12	59.30	58.83	21.2	20.4	28.8	31	24.9	22.6	24.8	31.9	19.9	91.2	94.3	58.1	51.1	75.4	85	75.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	Calm	NNE	NNE	NNE	15.3	25.9	52.5	48.9	142.6	5	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.-N.
2..	Calm	Calm	N	N	NNE	Calm	9.5	22.7	47	22.5	101.7	0	.....	Cu.	1	Ci.-S.	Cu.-N.
3..	Calm	Calm	NNE	NNE	NNE	NNE	9.2	77.4	98.2	27.2	212	0	.....	Cu.	0	.....	Cu.
4..	Calm	Calm	NNE	NNE	NNE	Calm	6.2	40.5	59.2	10	115.9	0	.....	Cu.	0	Ci.-S.	Cu.
5..	NNE	Calm	NNE	NNE	NNE	NNE	9.7	52.9	111	50.1	223.7	0	.....	Cu.	1	Ci.-S.	Cu.
6..	Calm	Calm	NNE	N	N	NNE	29.6	60.4	124.9	95.5	310.4	0	.....	Cu.	1	Ci.-S.	Cu.
7..	N	N	NNE	N	NNE	N	98.4	108	139.5	84	429.9	10	Ci.-S.	N.	6	Ci.-S.	Cu.
8..	N	Calm	NNE	NNE	N	NNE	33.5	42.1	88	28.8	192.4	1	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.
9..	Calm	Calm	NNE	NNE	N	N	11.8	40.5	112	72.6	236.9	0	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
10..	N	N	NNE	NNE	N	NNE	49.1	72.1	101.4	37.3	259.9	0	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.
11..	Calm	Calm	Calm	N	NNE	NNE	11.5	22	47.8	18.2	99.5	0	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N.
12..	NE	E	Calm	NNW	ESE	Calm	20.6	34.1	45.1	22	121.8	6	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.-N.
13..	E	Calm	NE	NW	Calm	Calm	22.7	30.9	34.3	15.1	103	0	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
14..	E	E	Calm	NNW	N	N	18.2	29	48.5	23.5	119.2	9	Ci.-S.	S.-Cu.	0	.....	Cu.-N.
15..	Calm	N	N	N	N	N	18.8	79.9	99.3	30.4	228.4	0	.....	Cu.	3	Ci.-S.	Cu.
16..	Calm	Calm	NNE	N	N	N	9.2	23.5	65	15	112.7	0	.....	Cu.	....	.....	.....
17..	N	Calm	NNE	N	N	N	19.6	24.4	.....	.....	.....	.....	.....	.....	0	.....	Cu.
18..	Calm	Calm	N	NNE	NNE	NNE	.....	.....	[b]43.1	51.8	.....	0	.....	Cu.	2	Ci.-S.	Cu.
19..	N	N	N	NNE	NNE	NNE	51.5	82.1	80.2	14.3	228.1	0	Ci.-S.	Cu.	1	Ci.-S.	Cu.
20..	Calm	Calm	NW	E	NNE	NNE	6.4	19.8	59.5	19	104.7	0	.....	S.-Cu.	1	Ci.-S.	Cu.
21..	Calm	Calm	SE	NW	NW	Calm	4.8	18	41.8	6.4	71	0	.....	Cu.	1	Ci.-S.	Cu.
22..	Calm	Calm	SE	NNE	Calm	Calm	7.4	23.9	36.7	3	71	6	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.-N.
23..	Calm	Calm	NNE	NNE	N	N	3.4	60.7	115.4	92.7	272.2	0	.....	Cu.	2	Ci.-S.	Cu.
24..	N	N	NNE	NNE	NNE	NNE	88	74	86.7	58.4	307.1	4	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
25..	NNE	N	NNE	NNE	NNE	NNE	44.3	52	80.7	23.9	200.9	0	Ci.-S.	Cu.	1	Ci.-S.	Cu.
26..	Calm	Calm	NNE	NNE	NNE	NNE	5	43.1	104.9	56.9	209.9	0	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.
27..	NNE	NNE	NNE	NNE	NNE	NNE	57.1	70.6	97.2	48.8	273.7	0	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.
28..	Calm	Calm	NNE	E	NNE	Calm	15.6	28.5	50.2	21.9	116.2	0	.....	Cu.	7	Ci.-S.	Cu.-N.
29..	Calm	Calm	NNE	NNE	NNE	N	22.2	51	76.1	34.4	183.7	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
30..	N	N	NNE	NNE	NNE	NNE	25.4	66.3	85.8	32.5	210	8	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N.
31..	Calm	Calm	NNE	E	NNE	Calm	10.8	30.3	69.2	18.5	128.8	4	Ci.-S.	S.-Cu.	3	A.-Cu.	Cu.
Mean	.....	.....	.....	.....	.....	.....	24.5	46.9	76.7	36.1	185.8	2.1	.....	.....	2.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[a] The temperature for December 16 to 18 are omitted as the thermometer shelter was being repaired. [b] 3 hours missing.

APARRI.

[ϕ=18° 22′ N; λ=121° 34′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

JANUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.96	60.06	61.28	58.61	59.04	60.08	59.84	23	23 6	24.8	26	25	23 5	24.3	27.5	22 5	91	90	87	83	88	91	88.3	.....
2..	59 13	59.28	61 03	59.26	60.01	61.73	60.07	22.1	21.9	24	25.3	23.9	23.2	23.4	26.4	21 4	96	96	91	90	91	91	92.5	23.4
3..	61 59	62.18	64.11	62 14	62.86	64.41	62 88	22.4	22	22.3	22	22.5	22.8	22.3	24	21.3	93	93	89	91	82	83	88.5	14.7
4..	64 21	64.58	66.36	64.94	65.99	67.37	65.58	21.9	21.2	22.3	20.8	20.3	20.4	21 2	23.4	20.1	85	89	80	93	91	91	88.2	8.7
5..	67 03	67.26	68 62	66.10	66.56	67.79	67.23	20.1	20	20 7	22	6 21	2 20	9 20	9 23	8 19	3 91	92	89	79	80	83	85 7	1.6
6..	66.86	67.01	67.66	64.94	64.86	65.30	66.10	20 1	19.8	22	23.4	22.1	20.5	21.3	24.8	19 2	90	90	86	80	90	91	87.8	2
7..	64.02	64.12	65.24	62.69	63.31	64.59	64	19.3	19	23	27	4 25	23.2	22 8	28.2	18 4	93	95	83	67	76	88	83.7	.....
8..	64.31	65 02	67.19	65.84	67.34	68.68	66.40	23	22.4	22.6	22 1	20.5	20	21 8	23.8	19.6	87	88	82	81	90	92	86.7	13.7
9..	68.13	68.51	69.88	67.44	68.06	69.29	68.55	19.5	19.4	20 5	22.5	21.9	21.3	20.8	23	18 8	93	94	90	81	78	81	86.2	9.6
10..	68.77	68 98	70.15	68.29	69.08	70 35	69 27	20.4	20.2	22.6	22.1	20	19.4	20.8	23.3	19	87	89	74	77	85	87	83.2	2.1
11..	69.50	69.65	70.36	67	81 68	15 68.73	69.03	20	20	20 6	21.6	19 8	20	20.3	22.8	18.8	83	83	79	68	81	81	79.2	.3
12..	67 25	66.70	67.21	64.90	65.06	65.50	66.10	20	20	21.9	22	9 21	8 21	5 21	4 23	4 19	2 86	98?	83	80	87	90	87.3	1.3
13..	64.51	64.64	65.36	63.06	63.67	64.53	64.30	21	20.3	23	23	9 23	2 23	22	4 24	7 20	2 93	97	91	89	93	93	92.7	.6
14..	63.01	62.99	63 93	61 27	62 18	63.16	62.76	21 9	21 2	23 7	25.3	24	23 2	23.2	27	21	94	96	92	86	93	94	92.5	1.8
15..	62.11	62.51	63.94	62.59	63 03	64.13	63.05	23	23	23 4	22 1	22 1	21	22 4	24.4	20 7	93	91	87	90	81	89	88.5	11
16..	63.36	63.70	64.96	62 21	62 97	63.76	63 49	20 9	20 2	21 7	24.5	22 4	22	22	25	19 8	87	89	83	75	84	86	84	.5
17..	62.02	62.21	63.24	60.76	61 61	62.47	62.05	21 3	20 3	24.5	26.2	24	23	23.2	26.8	20 90		95	84	75	85	83	85.3	28.2
18.	62.31	62 61	63.52	60 75	61.62	63.38	62.36	21.1	21	21.9	23	22 2	21.5	21 8	24.9	20.3	95	93	88	83	81	85	87.5	3.1
19	62 23	62.53	63.57	60.89	61.62	62 58	62 24	21.1	21	22	22	4 21	5 21	4 21	6 23	2.20	6 84	85	83	79	87	85	83.8	.8
20.	61.68	61.89	63.06	60 37	61.01	61 78	61.63	21	21.2	23.3	23	6 22	1 22	22	2 25	4 20	6 87	85	81	79	81	81	82.3	.3
21..	61.07	61.24	62.68	60.66	61.38	62.47	61.58	22	22	21	22.9	22	21.1	21.8	23.5	20.5	79	79	95	82	86	90	85.2	3.8
22..	61 49	61.61	62.66	60.22	60 66	61 67	61 38	21	4 22	2 23	1 22	2 21	5 21	9 23	5 20	6 82		82	80	78	82	87	81.8	.....
23..	60.86	60.90	61.66	59.14	60.25	61.94	60.79	20.1	19.5	25.2	27	24.5	22	23	27.8	19.2	95	95	78	73	84	91	86	2.6
24..	61.54	62.41	63.88	62.16	62.76	63.60	62.72	21.7	21	21.7	21.4	21	20.2	21.2	22 6	20 87		82	81	85	82	87	84	1.8
25..	62.80	62 73	63.77	61.61	62.15	62 91	62.66	20.1	20.3	22.4	24	22	21.1	21 6	24 5	19.8	85	84	80	74	88	90	83.5	.....
26..	61.83	62.06	62.86	60.24	60.63	61.42	61.51	20	19 3	25.3	26	23.5	22.2	22 7	26.6	18.6	94	95	76	76	85	89	85.8	.....
27..	61 02	61 23	62.17	59.57	60 08	60.88	60 82	21.5	21 3	25.4	25.5	24	23	23.4	27.4	21 94		94	75	78	86	91	86.3	.....
28..	60 03	60 26	61.78	59.69	60.63	61 93	60 72	22	21 8	25.5	26.2	24.1	23 1	23 8	26 7	21.3	93	93	84	70	74	74	81.3	2.5
29..	61.43	62 07	63.61	61 76	62 93	64.45	62 71	22	22	22.1	21 1	20 5	19.3	21 2	23.5	19 81		77	81	83	81	87	81.7	7.2
30..	63 37	62 90	64.23	61.11	61 08	61 99	62.45	19.6	20	21.5	23.5	21 5	21 1	21.2	24	19.5	87	85	79	75	81	84	81.8	.....
31..	60.64	60.85	62.21	59.91	61.68	63.07	61.39	20.1	20	22.6	23.6	20 1	20	21.1	25.2	19.1	93	94	82	78	86	86	86.5	12.5
Mean	63.16	63.38	64.59	62.29	62 98	64.06	63.41	21.1	20.8	22.8	23.7	22.3	21.6	22	24 9	20		89.3	89.9	83.6	79.9	84.5	87.1	85.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	154.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	ENE	ENE	ENE	E	SE	129.2	113.7	95	33.2	371.1	10	.....	Cu.-N. ENE	10	.....	S.-Cu. E
2..	SE	SSE	Calm	NE	NE	NE	35.1	25.1	99	145.3	304.5	0	.....	.....	10	.....	N. ENE
3..	NE	NE	NE	ENE	ENE	ENE	106.7	149.5	145.8	147.1	549.1	10	.....	N. NE	10	.....	N. ENE
4..	ENE	ENE	E	ENE	E	ENE	84	128.1	138.9	165.5	516.5	10	.....	N. ENE	10	.....	N. E
5..	ENE	E	E	ENE	E	E	144.5	163.6	157.5	122.9	588.5	10	.....	N. E	10	.....	Cu.-N. E
6..	SE	Calm	Calm	SE	Calm	SE	50.1	54.9	48.1	46.9	200	10	.....	N.	7	A.-Cu. W	Cu.-N. SE
7..	E	SE	S	SSE	ENE	E	56.6	99.5	96.6	40.8	293.5	0	.....	.....	1	A.-Cu.	Cu. SSE
8..	NE	NE	NE	NE	NE	NE	124.1	200.3	207	184	715.4	10	.....	S.-Cu. NE	10	.....	Cu.-N. NE
9..	NE	ENE	ENE	ENE	ENE	ENE	170.9	155.8	158	155.9	640.6	10	.....	N.	10	.....	Cu.-N. ENE
10..	ENE	ENE	ENE	ENE	ENE	ENE	165.5	202.4	212.9	223.7	804.5	10	.....	N. ENE	10	.....	Cu.-N. ENE
11..	ENE	ENE	E	ENE	ENE	E	217.8	179.4	172.5	165.1	734.8	10	.....	Cu.-N. ENE	10	.....	Cu.-N. E
12..	ENE	ENE	E	ENE	E	E	88.5	111.3	122.3	55.7	377.8	10	.....	S.-Cu. E	10	.....	S.-Cu. E
13..	SE	S	S	E	E	SE	32.2	31.6	66.6	61.2	191.6	10	.....	N. E	10	.....	S.-Cu. SE
14..	Calm	Calm	Calm	ENE	E	E	19	19.6	69	41.3	148.9	10	.....	S.-Cu. E	10	A.-Cu. SW	S.-Cu. E
15..	E	NE	NE	NE	NE	NE	52.3	158.2	207.8	186.8	605.1	10	.....	Cu.-N. NE	10	.....	Cu.-N. NE
16..	NE	ENE	E	E	E	E	151.8	105.6	104.4	64.7	426.5	10	.....	S.-Cu. E	9	.....	S.-Cu. SE
17..	SE	Calm	S	ENE	ENE	E	40.2	36.2	64.7	65.8	206.9	1	.....	S.-Cu.	1	A.-Cu. SE	Cu.-N.
18..	NE	NE	ENE	ENE	ENE	ENE	77.9	130.4	175.1	151.9	535.3	10	.....	N.	10	.....	Cu.-N. ENE
19..	ENE	ENE	ENE	ENE	ENE	E	116.9	124.1	148.9	117.8	507.7	10	.....	S.-Cu. ENE	10	.....	S.-Cu. ENE
20..	ENE	E	E	E	E	E	92	108.4	120.9	95.5	416.8	10	.....	Cu.-N. E	10	.....	S.-Cu. E
21..	E	E	NE	ENE	ENE	E	71.1	101.4	90.1	106	368.6	8	A.-Cu. S	S.-Cu. E	10	.....	S.-Cu. ENE
22..	E	E	E	E	E	E	110.5	110.8	109.2	59.7	390.2	10	.....	S.-Cu. E	10	.....	S.-Cu. E
23..	Calm	Calm	SSE	NE	ENE	NE	28.5	43.8	87.7	177.2	337.2	1	.....	S.-Cu.	1	Ci.-S. SW	Cu.
24..	ENE	ENE	E	ENE	E	E	225.3	188.3	161.9	121	696.5	10	.....	Cu.-N. ENE	10	.....	Cu.-N. ENE
25..	E	E	E	E	Calm	Calm	98.5	98.2	80.7	21.7	299.1	10	.....	S.-Cu. E	10	.....	S.-Cu. E
26..	E	Calm	SE	ENE	E	Calm	32.7	39.4	104.6	40.8	217.5	1	.....	S.-Cu.	1	.....	Cu.-N. SE
27..	E	Calm	SE	ENE	E	SE	25.1	50.9	91.7	47.3	215	10	.....	S.-Cu. SE	8	A.-Cu. S	Cu.-N.
28..	SE	SE	N	NNE	NNE	NE	37.2	53.9	99.8	109.4	300.3	9	A.-Cu. SW	S.-Cu.	7	A.-Cu. SW	Cu.-N.
29..	NE	NE	NE	NE	E	ENE	122.9	129.7	141.8	119.3	513.7	10	.....	S.-Cu.	10	.....	Cu.-N NE
30..	ENE	E	E	E	E	E	90.6	99	114	104.9	408.5	10	.....	S Cu. E	10	.....	S.-Cu. E
31..	SE	SE	SSE	ENE	N	NE	38.8	36.8	148.1	104.8	328.5	7	.....	S.-Cu. SW	10	.....	Cu.-N. ENE
Mean	.....	.....	.....	.....	.....	.....	91.5	104.8	123.9	105.9	426.1	8.3	.....	.....	8.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13,210.2	.....	.....	.....	.....	.....	.....

APARRI.

[ϕ=18° 22′ N; λ=121° 34′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

FEBRUARY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	62.30	62.43	63.74	61.37	62.10	63.35	62.55	19.9	19.7	21.5	21.4	20	19	20.2	22.9	18.6	82	84	74	79	85	90	82.3	2
2..	62.13	62.38	63.99	61.23	61.98	63.93	62.61	19.2	19.3	22	22.4	21	21	20	23.7	18.8	88	87	77	75	82	82	81.8	.....
3..	62.73	62.23	64.11	62.19	62.88	64.52	63.11	20.9	20.2	21.5	21.5	20.2	19.9	20.7	23.4	19.5	84	94	87	91	89	91	89.3	19.9
4..	63.87	63.95	65.36	63.49	64.29	65.81	64.46	19.3	19.2	20.4	20.7	19.8	19	19.7	21.1	18.6	95	96	89	88	90	95	92.2	15.3
5..	65.27	65.41	67.01	65.40	65.81	66.81	65.95	18.9	18.6	20	20.2	19.5	19	19.4	21	18.2	95	94	89	83	86	90	89.5	2.4
6..	66.32	65.71	66.87	64.38	64.47	65.59	65.56	18.6	19	21	22.9	22.2	21.2	20.9	23.9	18.1	94	94	86	84	84	89	88.5	.....
7..	63.31	63.60	63.89	61.01	61.05	62.40	62.54	20.2	19.8	25.4	27.5	26.3	21.6	23.5	29	19.4	92	92	76	73	77	95	84.2	28.2
8..	61.71	61.51	62.88	61.17	61.55	63.13	61.99	22	22	25.1	25.3	24	23	23.6	27.1	21.6	95	95	83	80	83	84	86.7	7.6
9..	62.78	62.97	64.17	62.84	63.13	64.30	63.36	21.9	21	22.1	23.5	21.2	20.5	21.7	23.9	19.7	88	91	85	70	68	73	79.2	27.3
10..	63.93	64.48	65.75	63.90	64.17	65.23	64.58	20.1	18.8	20.7	21	20	20	20.1	22	18.1	76	86	68	68	69	71	73	1
11..	64.23	64.30	64.56	61.63	61.86	63.26	63.31	17.9	18.2	22.8	25.2	23.2	21.1	21.4	25.4	17.3	93	92	71	67	76	88	81.2	.....
12..	62.76	62.85	64.13	62.17	63.63	65.65	63.53	19.9	18.8	24	26	23	21.7	22.2	28.6	18.3	91	92	75	72	81	85	82.7	3
13..	65.31	66.08	67.25	65.66	67.03	68.06	66.56	21	19.4	20.9	20.6	18.5	19.2	19.9	22.1	18	83	87	73	71	85	79	79.7	5.8
14..	66.47	66.61	67.66	65.35	65.57	66.51	66.36	19.9	19.2	21.2	21.5	20.2	20	20.3	22.7	18.1	73	70	65	65	74	76	70.5	.....
15..	65.33	64.65	65.01	62.16	61.87	63.38	63.73	18.7	18.4	22	24	23.1	21.3	21.2	27	18.2	91	94	82	75	82	94	86.3	.....
16..	62.68	61.36	62.14	59.84	60.57	61.77	61.39	21	20.5	23	26.4	23.7	22.2	22.8	27.6	20.1	95	95	87	76	85	88	87.7	.....
17..	61.03	61.13	62.96	60.02	60.10	60.96	61.03	21	21.7	22.3	24.4	23.9	21.6	22.5	24.8	20.7	91	88	81	72	73	86	81.8	.....
18..	59.72	59.51	60.83	57.58	57.41	58.35	58.98	20.1	20.2	24	26.5	25	22.9	23.1	27.3	19.8	95	94	78	70	79	90	84.3	.5
19..	58.10	58.24	59.88	58.14	58.84	61.06	59.04	21.9	21	24.8	26.9	25	23	23.3	28.4	20.6	92	95	83	74	73	80	82.8	.....
20..	61.11	61.87	63.86	62.52	63.37	65.11	62.97	22.5	22.2	24.3	23.6	21.9	21	22.6	25.3	20.8	77	76	62	67	71	73	71	.....
21..	64.18	64.30	65.67	63.57	63.92	65.11	64.46	20.4	20.2	21.6	22.5	21.2	20.9	21.1	23.2	19.7	76	76	66	64	72	74	71.3	.....
22..	64.40	64.12	64.87	62.04	61.66	63.23	63.39	20.4	19.7	23.1	25.3	23.5	22.2	22.3	25.8	19.7	82	82	66	63	74	82	74.2	.....
23..	62.51	62.62	62.93	60.24	59.76	60.77	61.37	20.2	19.5	24.1	26.6	24.5	21.6	22.8	27.7	19.9	92	93	74	64	76	95	82.3	.....
24..	60.18	60.53	61.74	59.21	58.99	60.41	60.18	21.2	20	24.6	27.5	25.5	23.1	23.6	28.4	19.8	93	94	75	66	77	89	82.3	.....
25..	60.08	60.28	61.31	58.76	58.60	60.10	59.86	21.8	21.2	24.4	27.4	25.6	22.8	23.8	28.8	20.8	93	95	83	67	78	83	83.2	.....
26..	59.66	59.86	60.29	57.61	57.40	58.28	58.85	21.5	20.5	27.4	29	26.7	23.7	24.8	29.8	20.1	92	95	68	71	82	87	82.5	.....
27..	58.46	58.61	59.47	56.55	56.95	57.86	57.98	22.1	22.1	27.6	29.4	27	23.7	25.3	30.3	21.7	95	94	69	68	77	85	81.3	.....
28..	57.80	58.41	59.94	57.75	58.38	59.39	58.61	22.7	22	27.6	28.9	25.2	24.2	25.1	29.8	20.9	89	89	64	72	88	90	82	.....
Mean	62.44	62.48	63.65	61.35	61.69	63.03	62.44	20.5	20.1	23.2	24.6	22.9	21.4	22.1	25.7	19.4	88.5	89.8	76.3	72.7	79.1	85.1	81.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	113

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 a. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	E	E	E	E	E	115.7	102.7	153.2	154.8	526.4	10	.....	Cu.-N. E	10	.....	Cu.-N. E
2..	E	E	E	E	E	E	131.4	111.3	136.8	119.9	499.4	10	.....	S.-Cu. E	10	.....	S.-Cu. E
3..	E	SE	SE	E	E	E	38.8	38.9	131	84.8	293.5	10	.....	S.-Cu. SE	10	.....	Cu.-N. E
4..	NE	ENE	ENE	ENE	ENE	ENE	135.2	151.5	148.3	152.7	587.7	10	.....	N. E	10	.....	N. E
5..	ENE	ENE	ENE	ENE	ENE	ENE	137.4	155.6	159.1	149.9	602	10	.....	N. E	10	.....	Cu.-N. E
6..	ENE	E	E	E	E	E	135.4	96.9	100.8	70	403.1	10	.....	S.-Cu. E	10	.....	Cu.-N. E
7..	Calm	SE	SE	ENE	SE	S	25.1	56.1	81	73.4	235.6	0	.....	.....	1	.....	Cu.-N. S
8..	S	Calm	SW	N	N	NE	39.1	43.1	102.7	74.8	259.7	10	A.-Cu. W	S.-Cu.	10	.....	Cu.-N. NW
9..	NE	N	N	N	N	N	48.1	83.5	170.1	99.2	400.9	10	.....	Cu.-N. N	9	.....	Cu.-N. N
10..	NE	E	E	E	E	E	99.5	152.6	150.3	122.3	524.7	10	.....	N. ENE	10	.....	Cu.-N. E
11..	ESE	SE	SSE	E	SE	SE	46.1	70.5	66	40.5	223.1	10	.....	S.-Cu. SE	7	.....	Cu.-N. S
12..	SE	SE	SSE	NE	NE	NE	47.7	81.5	110	213	452.2	0	.....	.....	2	A.-Cu. WSW	Cu.-N.
13..	NE	ENE	ENE	ENE	ENE	ENE	221.5	208.2	197.9	181.8	809.4	10	.....	Cu.-N. ENE	10	.....	Cu.-N. ENE
14..	ENE	E	E	E	E	E	164.4	131.7	136.2	95.6	527.9	10	.....	S.-Cu. E	10	.....	Cu.-N. E
15..	Calm	Calm	SE	ENE	E	Calm	42.5	57.9	83.7	30.3	214.4	10	.....	S.-Cu. SE	10	.....	S.-Cu. S
16..	Calm	SW	SE	NNW	NNE	NE	28.4	58.2	70.6	92.8	250	10	.....	S.-Cu. W	10	.....	S.-Cu. SW
17..	NE	N	N	N	NNE	E	55.7	63.4	57.6	27.7	204.4	10	.....	S.-Cu. N	1	.....	Cu.-N.
18..	S	SW	Calm	ENE	ENE	S	39.7	33.2	106	74.3	253.2	2	.....	S.-Cu.	1	.....	Cu.-N. SW
19..	S	S	NW	NE	NE	NE	60	51	80.5	106.5	298	3	A.-Cu. sw	S.-Cu.	0	.....	.....
20..	NE	NE	NE	ENE	ENE	ENE	148.7	188.9	196.3	189.9	723.8	5	.....	Cu.-N. NE	9	.....	Cu.-N. ENE
21..	ENE	E	E	E	E	E	145	141.4	141.4	123.4	551.2	10	.....	S.-Cu. E	10	.....	S.-Cu. SE
22..	E	SE	SE	E	E	E	93.9	41.8	112	56.5	304.2	10	A.-Cu. sw	S.-Cu.	4	A.-Cu. S	Cu.-N.
23..	SE	SE	SSE	NE	ENE	E	41.6	75.3	105.6	54.2	276.7	0	.....	.....	0	.....	.....
24..	SE	Calm	S	NE	NE	Calm	44.9	48.3	87.4?	37.2	217.8	0	.....	.....	0	.....	.....
25..	SE	Calm	Calm	ENE	E	E	29	33.2	97.4	44.6	204.2	5	.....	S.-Cu. SE	1	.....	Cu.-N. S
26..	E	Calm	SE	NE	NE	SW	33.8	69.5	87.9	39.9	231.1	0	.....	.....	1	A.-Cu. S	Cu.-N.
27..	S	SE	SE	NE	NE	NNW	54.2	66.5	78.3	57.3	256.3	0	.....	.....	0	.....	.....
28..	S	S	S	NE	NE	ENE	57.1	43	113	124.9	338	0	.....	.....	0	.....	.....
Mean	.....	.....	.....	.....	.....	.....	80.7	87.7	116.5	96.1	381	6.6	.....	.....	5.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,668.9	.....	.....	.....	.....	.....	.....

APARRI.

[ϕ=18° 22′ N; λ=121° 34′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

MARCH, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.						Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.20	59.72	61.12	59.03	59.80	62.12	60.16	24	23.5	25	24.8	22.6	21.3	23.5	27.3	20.4	87	87	84	83	89	93	87.2	3.1
2..	61.48	61.58	61.96	59.11	59.15	60.02	60.55	20.9	21	22.4	24.9	23.2	22.5	22.5	25.5	20.3	92	91	88	81	93	96	90.2	.5
3..	59.46	59.28	59.64	57.26	58.37	59.96	59	22	21.8	26.9	31.6	25.6	24.5	25.4	32.5	21.2	95	95	77	62	84	87	83.3	.....
4..	59.02	59.53	61.02	58.84	59.03	60.57	59.67	24	23.5	24	24.6	24	23	23.8	26.3	22.5	83	80	81	85	86	91	84.3	1.9
5..	59.89	60.09	61.42	59.38	58.78	60.06	59.94	22.4	22	25	24.2	24.1	23.5	23.5	26.1	21.8	95	95	86	90	89	90	90.8	.3
6..	59.71	60.11	60.99	59.44	60.11	61.63	60.33	23.1	21.5	27.2	28	24.2	23	24.5	28.7	21.1	90	94	74	71	90	91	85	.....
7..	60.86	61.37	62.91	60.70	60.06	60.91	61.14	23	23.2	25.7	27.6	23.6	23.3	24.4	28	22	84	81	77	73	91	92	83	5.1
8..	59.96	60.13	60.62	57.98	57.34	58.63	59.11	23	22.3	26.2	26	25.8	23.2	24.4	27.8	22.1	93	94	79	86	78	88	86.3	5.1
9..	58.23	58.81	59.65	57.46	58.27	59.69	58.68	22.2	22	27.3	30	26.9	25.5	25.6	31.7	21.8	89	89	70	67	80	84	79.8	.....
10..	59.57	60.48	61.81	59.19	58.97	60.41	60.07	23.4	22.5	25.9	28	25	24.9	25	29.2	22.1	93	96	84	77	87	86	87.2	.....
11..	60.13	60.71	61.66	58.84	58.44	59.46	59.87	24.1	23.1	26.8	29	27	24.3	25.7	30.8	22.6	89	94	74	65	66	82	78.3	.....
12..	59.61	59.75	60.51	57.59	57.07	58.53	58.84	23.2	23	27.9	29.4	26.9	25.2	25.9	30.1	22.3	90	90	71	62	73	80	77.7	.....
13..	58.60	58.95	59.99	57.86	58.21	59.84	58.91	24.1	22.9	27.9	29.2	27	25.2	26	31.6	22.6	84	90	67	66	80	90	79.5	.....
14..	59.43	59.91	60.65	58.88	59.23	60.94	59.84	24.6	23.2	28.4	30	29	26.1	26.9	31.1	23	88	93	68	69	74	89	80.2	.....
15..	61.41	62.56	64.06	62.34	63.07	64.11	62.92	24	24	26.1	26.5	23	23	24.4	28.3	22.6	95	95	73	76	86	84	84.8	30.5
16..	63.42	64.06	64.63	62.33	62.37	63.53	63.39	22.6	22.4	23.5	22.5	21.8	21	22.3	24.2	20.8	84	82	83	92	91	95	87.8	9.6
17..	62.22	62.34	63.22	61.02	61.16	62.51	62.08	21.5	22.4	24.8	25.4	23.6	22.3	23.3	26	21	95	92	86	84	90	94	90.2	.8
18..	61.09	61.26	62.38	59.84	59.76	60.87	60.87	21.7	21.9	26	28.6	27	24.2	24.9	29.2	21.3	94	94	78	74	77	90	84.5	.....
19..	60.08	60.55	61.17	58.64	59.01	60.26	59.95	24	23	27.8	29.3	27.4	25.7	26.2	30.8	22.2	85	86	71	71	80	83	79.3	.....
20..	59.83	60.17	61.76	59.43	59.99	61.96	60.52	23.4	22.4	27.8	29.4	27	24.5	25.8	30	22	93	95	74	72	81	94	84.8	12.2
21..	61.01	61.36	63.15	61.86	61.71	63.61	62.12	24	24	26.4	25.8	24.5	24	24.8	27.9	23.3	91	86	76	73	78	81	80.8	12.9
22..	62.31	62.63	64.17	62.46	62.21	63.36	62.86	24	22.9	23.2	24.6	23.5	23.2	23.6	26	22.2	81	90	94	88	90	90	88.8	20.4
23..	62.25	62.14	63.37	61.70	61.38	62.56	62.23	23	22	24.4	25.7	24.2	24	23.9	26.1	21.6	88	93	80	79	82	81	83.8	1.5
24..	61.72	62.06	63.32	61.72	61.74	63.13	62.28	22.5	21.4	21.6	21.9	22.4	22	22	23.8	20.8	89	93	95	95	86	86	90.7	12.2
25..	62.52	62.82	63.96	62.56	62.46	63.68	63	21.3	22.1	23.4	23.6	22.4	21.9	22.4	24.4	20.8	88	81	76	76	79	83	80.5	.....
26..	62.27	62.29	62.97	60.69	60.41	61.53	61.69	21.1	21.1	24	24	23	22.4	22.6	25.7	20.7	88	90	75	79	85	88	84.2	9.7
27..	61.03	60.82	61.02	60.25	62.29	63.83	61.54	21.7	21.2	24.3	23	21.2	21	22.1	28.1	20.6	92	94	86	92	84	85	88.8	16.6
28..	63.13	63.66	64.89	63.46	63.77	65.06	64	21.2	20.5	24.5	22.8	21.6	21.1	22	25.8	20.2	87	91	80	89	90	92	88.2	4
29..	63.88	64.29	65.90	64.17	63.91	64.99	64.52	21.3	21.4	22	22	21	20.9	21.4	22.9	20.5	90	90	94	91	95	95	92.5	12.4
30..	63.64	63.39	64.39	62.57	62.28	63.28	63.26	20.6	21	21.8	21.8	21	21	21.2	22.6	20.4	96	95	88	93	95	95	93.7	29.3
31..	62.10	62.40	63.83	61.86	62.07	63.14	62.57	20.8	20.7	22	23.8	21.8	22.1	21.9	24.2	20.2	94	95	96	83	85	86	89.8	8.6
Mean	60.94	61.27	62.33	60.27	60.40	61.75	61.16	22.7	22.3	25.2	26.1	24.2	23.2	23.9	27.5	21.5	89.7	90.7	80.2	78.8	84.3	88.4	85.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	196.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	NE	NE	NE	NE	NE	151.9	152.9	172.5	226.6	703.9	10	.....	S.-Cu. NE	10	.....	Cu.-N. NE
2..	NE	NE	NE	ENE	E	E	198.2	168.6	129.3	50.9	547	10	.....	N. NE	10	.....	S.-Cu. ENE
3..	SE	SSE	S	Calm	NNE	NE	56.1	133.8	91.7	69.8	351.4	2	.....	S.-Cu. SE	1	.....	Cu.-N.
4..	NE	NE	NE	ENE	ENE	ENE	131.5	160.7	158.5	142.7	593.4	8	.....	Cu.-N. NE	10	.....	S.-Cu. ENE
5..	ENE	ENE	ENE	ENE	E	E	165.7	118.8	133	42.1	459.6	10	.....	N. ENE	10	.....	S.-Cu. ENE
6..	SE	SSE	SE	NE	NE	NE	36.4	50.9	119.4	138.1	344.8	0	.....	.....	9	.....	Cu.-N. NE
7..	NE	NE	NE	ENE	ENE	E	128.7	127	117.7	107.3	480.7	10	A.-Cu. E	S.-Cu. NE	8	A.-Cu. SE	Cu.-N. ENE
8..	Calm	SSE	SSE	ENE	ENE	E	28.4	60	84.3	41	213.7	10	.....	N. SE	7	.....	Cu.-N. SE
9..	SE	SSE	SSE	NE	N	N	73.2	110.8	75	57.9	316.9	0	.....	.....	1	Ci.	Cu.
10..	NW	WSW	NNW	NE	NE	ENE	44.6	46.2	137.8	160.9	389.5	8	.....	Cu.-N. N	1	.....	Cu.-N. NE
11..	E	Calm	NE	ENE	SE	SE	72.1	42.8	110.4	78.6	303.9	0	.....	.....	0	.....	.....
12..	SE	SSE	E	ENE	E	SE	74.3	72.1	99.8	39.9	286.1	0	.....	.....	0	.....	.....
13..	SE	SSE	SE	ENE	E	SW	80.2	114.9	109.1	50.4	354.6	0	.....	.....	0	.....	.....
14..	SSW	S	SSE	NE	NE	N	81	82.4	90.4	45.4	299.2	0	.....	.....	0	.....	.....
15..	NW	Calm	ENE	ENE	NE	NE	39.9	82.1	154.5	209.7	486.2	10	Ci.	Cu.-N. NE	10	.....	Cu.-N. NE
16..	NE	NE	ENE	ENE	ENE	ENE	207.4	173.2	167.3	157.1	705	10	.....	N. ENE	10	.....	Cu.-N. ENE
17..	ENE	E	E	E	E	SSE	103.5	74.2	66.5	44.3	288.5	10	.....	S.-Cu. E	10	.....	S.-Cu. E
18..	SE	SSE	S	E	E	SE	72.4	81.8	93.8	47.8	295.8	7	A.-Cu. sw	S.-Cu.	0	.....	.....
19..	SE	SE	SSE	ENE	N	NW	75.4	107	89.1	63.8	335.3	0	.....	.....	0	.....	.....
20..	N	Calm	ENE	ENE	ENE	NE	38.3	50.2	91.7	101.4	281.6	0	.....	.....	0	.....	.....
21..	NE	ENE	ENE	ENE	ENE	ENE	132	157.7	135.4	117.3	542.4	10	.....	cu.-N. ENE	10	.....	S.-Cu. NE
22..	ENE	ENE	ENE	ENE	SE	ENE	107.2	97.2	116.2	59.2	379.8	10	.....	N. ENE	10	.....	N. ENE
23..	ENE	E	ENE	ENE	E	ENE	91.7	78.9	128.7	116.7	416	10	.....	N. E	10	.....	S.-Cu. E
24..	ENE	ENE	ENE	ENE	ENE	ENE	116.1	137.4	136.2	153.5	543.2	10	.....	S.-Cu. E	10	.....	Cu.-N. E
25..	ENE	ENE	ENE	ENE	ENE	ENE	159.9	174.8	166	129.2	629.9	10	.....	N. ENE	10	.....	S.-Cu. ENE
26..	ENE	E	E	ENE	ENE	E	113.5	119.1	139	78.9	450.5	10	.....	Cu.-N. E	10	.....	S.-Cu. E
27..	SE	SE	SSE	NE	NE	ENE	47.7	84.3	170	132	434	10	.....	N.	10	.....	N. NE
28..	ENE	ENE	ENE	ENE	ENE	ENE	103	101.4	157.7	186	548.1	10	.....	cu.-N. ENE	10	.....	Cu.-N. ENE
29..	NE	NE	NE	NE	NE	NE	184.7	187.7	171.2	194.1	737.7	10	.....	N. NE	10	.....	Cu.-N. NE
30..	NE	ENE	NE	ENE	NE	NE	188.9	162.7	125.3	119.1	596	10	.....	N. ENE	10	.....	N. ENE
31..	NE	NE	NE	ENE	ENE	ENE	116.1	105.4	127.7	130.4	479.6	10	.....	N.	10	.....	Cu.-N. ENE
Mean	.....	.....	.....	.....	.....	.....	103.9	110.2	124.7	106.2	445	6.9	.....	.....	6.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13,794.3	.....	.....	.....	.....	.....	.....

APARRI.

[ϕ=18° 22′ N; λ=121° 34′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

APRIL, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air Temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	61.82	62.27	63.53	61.25	60.95	62.33	62.02	22.4	22.8	25	26.5	24.5	23.4	24.1	27.2	22.4	88	89	80	75	84	92	84.7	1.8
2..	60.61	60.81	61.59	59.29	58.81	60.37	60.25	23	23.1	26	27.1	26.6	25	25.1	28.3	22.5	93	95	85	79	80	87	86.5	.5
3..	59.19	59.58	60.74	58.57	58.78	60.56	59.57	23.2	22.4	26.6	28	25.7	25.3	25.2	28.5	22.2	97	96	83	81	89	89	89.2	.5
4..	59.68	59.98	60.97	58.75	58.61	59.76	59.62	25	24.3	27.1	28	26.6	25.8	26.1	29.2	24	88	91	81	79	84	84	84.5	.....
5..	59.10	59.58	61	58.51	58.51	59.89	59.43	24.1	23.7	28	30.4	27.6	25.2	26.5	32	23.2	91	91	73	72	80	90	82.8	.....
6..	59.23	59.13	59.65	57.74	57.61	59.61	58.83	24	23.8	28.8	29.5	28	25	26.5	31.1	23.3	92	91	72	73	82	92	83.7	.....
7..	58.89	58.70	59.60	57.40	58.17	59.79	58.76	23.2	23.1	28.4	30.9	27.5	26.5	26.6	32.3	23	90	90	74	69	81	82	81	.....
8..	59.02	59.09	59.80	57.26	57.16	59.16	58.58	25.4	23.2	27.2	30	28	25.2	26.5	30.8	22.8	85	94	77	71	73	82	80.3	.....
9..	58.14	58.30	59.16	57.05	57.91	59.88	58.41	24.2	23.9	28.8	30	28	25	26.6	32.3	23.1	86	87	71	68	79	92	80.5	.....
10..	59.93	59.15	59.75	57.39	57.71	58.83	58.79	23.9	23.4	28 6	30.4	27.5	26.4	26.7	32.2	22.7	89	90	73	72	84	89	82.8	.....
11..	57.77	57.60	57.85	55.48	55.44	57.28	56.90	25	23.9	28.3	30	28.6	26	27	31.8	23.2	90	89	76	69	80	90	82.3	.....
12..	56.33	56.73	57.66	54.74	55.72	57.51	56.45	24.8	24.2	29	29.4	27	24.8	26.5	32.3	23.6	90	88	72	71	84	88	82.2	.....
13..	56.97	57.29	58.31	56.86	57.49	59.73	57.78	23.9	23	28.8	28.6	27	25.9	26.2	32.2	22.6	92	95	72	78	84	88	84.8	.3
14..	58.73	58.88	59.26	57.01	57.96	59.60	58.57	25	23.1	29.5	30	28	26.4	27	31.1	22 7	90	96	73	72	77	79	81.2	.....
15..	58.25	58.45	58.87	55.95	57.15	58.32	57.83	24.5	23.3	28	30.6	27.6	25.3	26.6	31.5	23.1	85	89	77	67	76	88	80.3	1.3
16..	57.16	57.53	57.91	56.40	56.99	58.66	57.44	24.7	24.1	28.4	26.8	27	25.9	26.2	31	23.6	90	94	78	75	70	75	80.3	.3
17..	57.90	58.07	58.81	56.51	57.54	58.38	57.87	24	23.3	27.8	29	25.8	22.4	25.4	31.3	21.6	88	94	75	70	92	92	85.2	1.3
18..	57.88	58.05	58.63	56.80	57.70	60.07	58.19	22.7	22.6	27.4	31.5	27	25	26	31.8	21.8	94	93	77	65	84	89	83.7	.5
19..	58.64	58.34	59.15	56.59	57.30	59.12	58.19	23.5	23.8	28	31.2	27.9	23.9	26.4	31.8	22.7	92	93	80	68	82	91	84.3	.5
20..	58.09	57.90	58.56	55.96	56.92	58.52	57.66	22.6	23.5	28.7	32.5	26	24	26.2	33	22.2	95	90	78	63	84	83	82.2	.5
21..	58.07	58.25	58.79	56.39	57.04	58.52	57.84	23.3	23 2	28.4	30	28.5	26.2	26.6	31.1	22.8	93	93	75	67	74	82	80.7	.....
22..	57.56	57.67	58.59	56.05	55.86	57.63	57.23	24	24 1	27.8	30	29	26.8	27	31	23.5	91	94	79	70	71	82	81.2	.....
23..	56.61	56.73	57.49	54.85	55.58	57.90	56.53	25	24.4	29.4	32.6	29	28.5	28.2	33	24	90	91	72	62	78	78	78.5	.....
24..	57.76	57.91	59.28	57.85	57.90	59.55	58.38	26.9	25.5	28.4	30.5	27.1	26.8	27.5	31	25	86	94	80	72	78	78	81.3	.....
25..	59.14	59.56	60.38	58.49	58.36	59.59	59.25	26.1	26	28.6	29.2	26.8	26.1	27.1	30.2	25	80	81	70	69	78	82	76.7	.....
26..	58.48	58.76	59.33	56.77	56.53	58.31	58.03	25	24.6	28	30.3	28	26.6	27.1	30.8	23.8	90	92	77	70	77	80	81	.....
27..	57.27	57.58	58.20	56.44	56.84	58.44	57.46	25.1	24.2	29.4	29.9	28.5	28	27.5	31.6	23.9	86	90	74	75	81	80	81	.....
28..	57.93	58.19	59.16	57.06	57.51	58.79	58.11	27	26.2	27.9	29.8	26.8	26	27.3	30.8	25.2	83	82	77	69	78	78	77.8	.....
29..	58.24	58.78	59.28	57.30	56 77	58.84	58.20	25.3	25	27.4	27.9	25.8	25.5	26.2	28.7	24.6	80	80	70	67	73	75	74.2	.....
30..	57.47	57.63	57.69	55.85	56.51	57.70	57.14	24.8	24	28.2	25.3	24.2	23.5	25	30.3	22	80	86	72	86	93	96	85.5	40.6
Mean	58.40	58.55	59.30	57.09	57.44	59.09	58.31	24.4	23.9	28.1	29.5	27.2	25.5	26.4	31	23.2	88.8	90.6	75.8	71.5	80.3	85.1	82	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	ENE	ENE	ENE	ENE	ENE	ENE	132.6	121	105.6	90.1	449.3	10	.....	S.-Cu. E	10	.....	S.-Cu. E
2..	E	Calm	ENE	ENE	NE	Calm	34.4	64.4	93.5	37.8	230.1	10	.....	N. NE	0	.....	.....
3..	SE	SSE	N	NNE	NE	NE	41.5	50.2	92	79.5	263.2	3	A.-Cu. sw	S.-Cu.	5	.....	Cu.-N. NNE
4..	NE	ENE	ENE	ENE	E	SE	94.6	107.2	88.2	43.5	333.5	10	.....	s.-Cu. ENE	8	A.-Cu. S	Cu.-N.
5..	SE	SE	SE	ENE	NE	SW	54.7	96	79.2	56.8	286.7	0	.....	.....	1	.....	Cu.-N.
6..	SE	S	SSE	ENE	SE	SW	74.8	89.9	80.7	79.7	325.1	0	.....	.....	1	Ci.	Cu.-N.
7..	SSW	S	S	NE	N	N	82.9	93.3	90.3	71.9	338.4	0	.....	.....	1	Ci.	Cu.-N.
8..	N	NW	Calm	ENE	E	SE	61.2	54.4	103.6	54.4	273.6	1	.....	Cu.-N. E	1	A.-Cu. SW	Cu.-N.
9..	SE	SSE	SSE	ENE	NW	SW	73.4	107.2	86.3	58.4	325.3	0	.....	.....	1	.....	Cu.-N. SW
10..	S	S	S	ENE	NE	NW	63	80.5	87.9	63.1	294.5	0	.....	.....	4	Ci.-S. W	Cu.-N.
11..	SE	S	S	ENE	S	S	82.4	127	98.4	56.8	364.6	0	.....	.....	1	Ci.	Cu.-N.
12..	S	S	S	ENE	NW	S	84.7	78.3	91.4	67	321.4	10	.....	S.-Cu. sw	1	Ci.-S. W	Cu.-N.
13..	SSE	SSE	S	N	E	NW	95.6	105.2	82.9	49.1	332.8	7	A.-Cu. sw	S.-Cu.	10	.....	Cu.-N. SW
14..	SW	SE	SSE	ENE	NE	W	89.1	61.7	92.5	49.7	293	5	Ci.-S. SW	S.-Cu.	0	.....	.....
15..	S	S	S	ENE	NNW	E	87.7	86.9	75.1	55.5	305.2	1	.....	S.-Cu.	6	A.-Cu. W	Cu.-N.
16..	S	SSE	S	WNW	NE	Calm	51.5	55.8	52	38.9	198.2	10	Ci. S	Cu.	10	A.-Cu. W	S.-Cu.
17..	NW	W	S	ENE	W	S	48.3	94.6	79.5	89.3	311.7	10	A.-Cu. sw	S.-Cu.	7	A.-Cu. SW	Cu.-N.
18..	S	S	S	S	NW	SW	82.6	98.5	75	52.1	308.2	0	.....	.....	2	A.-Cu. SW	Cu.-N.
19..	SW	SSW	S	S	NE	SW	68.6	119.7	99.8	77.2	365.3	0	.....	.....	2	A.-Cu. SE	Cu. S
20..	S	SSW	S	SSE	W	SW	49.3	79.5	83.5	59.5	271.8	3	.....	Cu. S	1	Ci.	Cu. S
21..	SW	SW	Calm	ENE	NE	NW	45.3	45.1	79.5	57.9	227.8	2	.....	Cu. NW	7	Ci.-S. W	Cu.-N.
22..	S	SSE	S	ENE	NE	SW	71.8	103	93	59	326.8	8	Ci.	Cu. S	7	Ci.-S. SW	Cu.-N.
23..	SSE	SSE	S	SSE	NE	NE	79.5	104.1	87.7	83.4	354.7	0	.....	.....	0	.....	.....
24..	N	NW	NW	NE	NE	NE	49.1	44.5	105.4	107	306	8	.....	Cu.-N. NW	1	.....	Cu. NNE
25..	NE	NE	ENE	ENE	E	E	86.9	111.3	139	92.7	429.9	2	.....	Cu. E	0	.....	.....
26..	E	SE	ENE	ENE	NE	W	35.4	43.1	102.4	41.8	222.7	2	.....	S.-Cu. SE	1	.....	Cu.
27..	SW	S	S	N	NNW	N	51.5	78.3	83.7	94.4	307.9	0	.....	.....	0	.....	.....
28..	N	N	N	N	NE	NE	90.4	63	116.2	152.4	422	1	.....	Cu.	1	Ci.	Cu.-N.
29..	ENE	E	ENE	ENE	ENE	E	143	142.4	179.7	164.4	629.5	8	.....	S.-Cu. E	8	A.-Cu. SSW	S.-Cu.
30..	E	ESE	SSE	NNW	S	S	48	67.6	72.1	62.2	249.9	10	A.-Cu. sw	S.-Cu.	10	.....	N. SW
Mean	.....	.....	.....	.....	.....	.....	71.8	85.8	93.2	71.5	322.3	4	.....	.....	3.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,669.1	....	.....	.....	....	.....	.....

APARRI.

[ϕ=18° 22′ N; λ=121° 34′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

MAY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air Temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57 29	58 13	59 51	58 31	58 53	60 01	58 63	24 8	23	25 3	27 6	25 1	24 1	25	28 1	22 7	95	96	84	73	83	86	86 2	4
2..	58 90	59 68	61 01	58 72	58 76	60 11	59 53	24	24	26	27 6	25 1	25	25 3	28 2	23 5	85	85	77	73	78	76	79	.5
3..	58 28	58 15	58 19	55 51	56 37	58 28	57 46	24 9	23 6	27 6	29	27 5	27	26 6	29 5	23	84	93	77	74	81	80	81 5	.....
4..	57 48	58 38	59 79	57 64	58 01	59 28	58 43	25 6	25 7	27 6	28 6	26 8	26	26 7	29 8	24 8	85	78	67	67	71	75	73 8	.....
5..	58 21	58 99	59 30	56 59	57 57	57 58	58 22	24 8	24	29	29 6	26 7	25	26 5	31 7	23 5	81	86	70	72	86	92	81 2	.5
6..	57 84	58	59 11	57 86	59 59	60 63	58 84	24 8	24 3	27 2	27 6	25 8	24	25 6	28 1	23 4	88	94	81	81	79	86	84 8	5.1
7..	59 10	58 83	60 14	57 99	57 62	59 16	58 81	23 7	24 2	28 4	26 6	25 7	25 2	25 6	28 8	23 1	87	86	74	84	88	90	84 8	7.3
8..	58 07	58 15	58 68	56 28	58 11	59 13	58 07	24 3	24	27	29	24 5	24	25 5	31 2	23 7	94	96	85	78	92	96	90 2	17.5
9..	57 83	57 95	58 87	56 80	58 01	59 28	58 12	23 9	24	27 9	29 9	26 8	26	26 4	31 2	23 2	94	95	82	76	89	92	88	13.5
10..	57 84	57 73	58 17	57 08	56 86	57 77	57 58	25 1	24 2	27 6	27 8	26 2	26	26 2	29 8	23 8	92	93	84	82	89	88	88	1.8
11..	57 18	56 77	56 57	54 90	55 74	57 68	56 47	24 9	24 2	29 3	31 1	27 5	26 9	27 3	32	23 8	92	95	79	73	82	83	84	1.8
12..	57 21	57 88	58 12	56 09	57 11	58 42	57 47	25 1	24 2	30	29 9	28 5	27 7	27 6	33	23 7	91	93	75	76	81	81	82 8	1.3
13..	58 01	58 53	59 24	57 68	58 05	60 01	58 59	25 4	24 5	29 8	30 6	28 9	24 6	27 3	31	23 8	88	91	73	74	78	85	81 5	26.7
14..	59 23	59 53	59 98	58 15	59 35	60 61	59 48	23 8	23 4	29 3	30 5	28 8	25	26 8	31 9	23 1	89	90	76	70	75	92	82	22.4
15..	60 17	60 37	60 24	58 63	59 02	60 34	59 80	24 1	23 3	28 5	31	28 6	28	27 2	31 8	23 2	92	94	75	69	75	77	80 3	.....
16..	59 49	59 84	59 98	57 62	58 32	60 39	59 27	26 1	25 1	30	32 8	29 6	29	28 8	33	24 5	88	92	73	65	77	78	78 8	2.5
17..	59 23	59 62	59 83	58 48	59 81	61 09	59 68	25 8	24 8	29 9	30 8	26 8	25 6	27 3	31 8	24 3	87	92	76	67	86	92	83 3	12.4
18..	60 35	60 91	61 06	59 09	59 53	60 81	60 29	24 4	24	29 5	30 8	28 1	27 5	27 4	32 3	23 6	95	95	77	73	79	81	83 3	.....
19..	59 56	59 81	60 56	58 64	59 34	59 71	59 60	26 5	24 7	29 9	28 6	25 3	23 8	26 5	31 9	23 3	85	92	73	77	93	89	84 8	2.8
20..	58 58	58 40	59 18	57 19	57 41	59 16	58 32	23 1	22 9	28	30 5	28 2	27 4	26 7	31 1	22 5	96	96	79	66	76	76	81 5	.....
21..	57 73	57 88	58 36	56 78	57 47	58 90	57 85	24 3	23 7	29 5	31 3	29 1	27 1	27 5	31 8	23	86	91	74	69	74	83	79 5	.....
22..	58 29	58 58	59 28	57 33	57 72	59 23	58 40	25 1	24	29 5	31	28 5	26 5	27 4	32 3	22 8	89	91	72	67	74	82	79 2	.....
23..	58 34	58 87	59 50	57 66	58 61	60 14	58 85	24 2	24 2	29 4	31 6	27	25 8	27	32 8	23 4	90	90	71	67	84	88	81 7	.....
24..	58 33	58 57	59 28	57 94	58 06	59 59	58 63	25	24	28 8	30 5	27	25 4	26 8	31 1	23 3	90	91	75	68	77	87	81 3	7.9
25..	58 58	58 33	58 30	56 48	56 99	58 44	57 85	24 7	24 2	28 4	31 4	28 2	27 2	27 4	31 6	23 8	91	94	79	70	85	83	83 7	.....
26..	57 59	57 88	58 65	56 83	58 22	59 13	58 05	25	24 6	29 5	31 6	24 8	24	26 6	32 3	23 6	90	90	75	70	93	93	85 2	10.7
27..	58 73	59 30	59 80	57 76	58 51	59 16	58 88	23 8	23	28 4	31 6	29 1	28 7	27 4	32 2	22 8	95	95	80	72	81	80	83 8	.....
28..	58 42	58 61	58 69	56 93	57 18	58 86	58 12	25 4	25	30	31	29 6	29	28 4	32	24 8	95	93	73	72	74	75	80 3	.....
29..	57 51	57 95	57 96	55 92	57 09	58 46	57 48	26 6	25 4	30 6	31 6	28	27	28 2	32 7	25 2	87	93	76	71	77	83	81 2	15
30..	57 33	57 58	58 14	56 45	57 61	58 34	57 58	25 3	24 9	30	32 5	29 8	27	28	33 5	24 3	93	92	77	69	75	84	81 7	.....
31..	57 53	58 53	59 11	57 33	57 71	58 56	58 13	25 9	25	29 1	31 5	29 4	27 9	28 1	31 8	24 3	89	92	78	72	79	81	81 8	.....
Mean	58 33	58 64	59 18	57 31	58 01	59 33	58 47	24 9	24 2	28 7	30 2	27 5	26 2	26 9	31 3	23 6	89 8	91 7	76 4	72 2	81	84 3	82 6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	153.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	Calm	NE	NE	ENE	E	74	60.2	107.2	117.5	358.9	10	.....	N. N	10	.....	S.-Cu. NE
2..	E	E	ENE	ENE	ENE	ENE	101.1	133	159.3	132.6	526	10	.....	S.-Cu. SE	7	A.-Cu. S	S.-Cu.
3..	SE	S	SE	NE	NE	NW	60.6	49.9	84.3	50.9	245.7	10	A.-Cu. sw	S.-Cu.	6	A.-Cu. SW	Cu.-N. SW
4..	NW	N	NNE	NE	NE	NE	95	72.1	60.7	75.8	303.6	7	.....	Cu.-N. W	2	Ci.-S.	Cu.
5..	SE	SE	SSE	ENE	W	W	44.5	93	95.6	48.3	281.4	3	A.-Cu. sw	S.-Cu.	9	Ci.-S.	Cu.-N. S
6..	SW	SW	SW	NNE	NW	NW	46.4	92.7	125.8	87.5	352.4	10	A.-Cu. sw	S.-Cu.	10	Ci.-S.	Cu.-N. N
7..	NE	E	ENE	ENE	E	E	104.8	71.6	128.1	70.2	374.7	9	Ci.-S. sw	S.-Cu. S	10	.....	S.-Cu. E
8..	E	S	SSE	ENE	SW	SW	46.2	42.3	67.3	38.3	194.1	10	Ci.-S.	S.-Cu. sw	9	Ci.-S.	S.-Cu. SW
9..	S	S	S	ENE	NE	W	83.2	97.1	67	51.5	298.8	2	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu. SW
10..	SW	S	S	SW	Calm	Calm	63.8	106.2	53	20 7	243.7	10	A.-Cu. W	S.-Cu. S	10	.....	N. SW
11..	S	S	SSE	NE	ENE	S	49.1	75	89.3	53.6	267	4	A.-Cu. sw	S.-Cu.	1	A.-Cu. wsw	Cu.-N.
12..	SW	S	S	NE	E	W	55.7	67 6	79.9	53.3	256.5	8	Ci.-S. W	S.-Cu.	8	.....	Cu.-N. SW
13..	SW	S	Calm	NE	Calm	S	68.4	66.6	69.8	49.6	254.4	2	.....	Cu. SW	5	Ci.-S.	Cu.-N.
14..	SW	S	SSE	NE	N	Calm	59	70.3	83.5	55.8	268.6	0	.....	.....	1	Ci.-S.	Cu.-N.
15..	S	S	S	ENE	NE	NW	96.3	106.2	90.1	54.7	347.3	4	A.-Cu. sw	S.-Cu.	1	Ci.-Cu. SW	Cu.-N.
16..	SW	SW	S	NE	NE	Calm	64.6	101.2	61	42.5	269.3	9	Ci.-S. SW	S.-Cu.	2	Ci.-S.	Cu.-N. SW
17..	SW	SW	S	NNE	W	SW	48.5	55.7	[a]64.2	.....	[b]168.4	4	Ci.-S. SW	Cu.	1	A.-Cu. SW	Cu.-N.
18..	SW	S	S	NE	NE	NE	.....	.....	83.1	46.1	.....	0	.....	.....	1	Ci.-S.	Cu.-N.
19..	S	SW	S	NE	W	SW	54.9	47.8	68.2	62.2	233.1	1	.....	Cu.-N.	9	.....	S.-Cu. W
20..	S	S	S	NE	NE	W	54.5	75.9	76.4	67.6	274.4	0	.....	.....	1	.....	Cu.-N.
21..	SW	S	S	NE	N	SW	97.9	81.3	74.8	61.2	315.2	0	.....	.....	0	.....	.....
22..	S	SSE	S	NE	SE	S	90.7	100.1	87.2	52.9	330.9	0	.....	.....	1	Ci.-S.	Cu.-N. SW
23..	S	S	S	NE	W	Calm	73.5	100.9	82.3	46.4	303.1	7	Ci.-S. SW	Cu.	1	Ci.-S.	Cu.-N.
24..	W	W	NW	NNE	NE	NW	55.5	46.2	96.9	56.3	254.9	5	.....	S.-Cu. sw	1	Ci.-S.	Cu.-N.
25..	W	W	S	ENE	ENE	S	53.7	104.3	93.5	61.4	312.9	7	Ci.-S. W	S.-Cu.	7	A.-Cu.	Cu.-N. S
26..	S	S	S	NE	W	S	70.5	99.2	83.7	60.9	314.3	1	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. ssw
27..	SW	S	S	ENE	N	N	52.1	90.7	84.2	62.2	289.2	6	Ci.-S. SE	Cu.	7	Ci.-S.	Cu.-N. SE
28..	W	W	Calm	NE	N	N	43.5	31.1	76.1	58.5	209.2	10	.....	S.-Cu. SE	7	Ci.-S.	Cu.-N. SE
29..	NW	W	S	N	NE	N	51.3	50.2	78.9	53.4	233.8	0	.....	.....	1	Ci.-S.	Cu.-N. S
30..	W	SW	S	N	NW	W	51.5	91.1	100	51.3	293.9	7	Ci.-S. E	S.-Cu.	1	.....	Cu.-N. S
31..	W	SW	Calm	ENE	NE	W	50.2	43.1?	.....	.....	.....	5	Ci.-S. S	S.-Cu.	1	Ci.-S.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	65.4	77.4	85.7	60.1	288.8	5.2	.....	.....	4.7	.....	.....

[a] 2 hours missing.

[b] 8 hours missing.

APARRI.

[ϕ=18° 22′ N; λ=121° 34′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

JUNE, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.03	58.23	58.74	56.66	56.99	58.43	57.85	25.7	25	30.5	32	29.8	28.1	28.5	33.5	24.3	88	92	73	72	75	78	79.7	18
2..	57.86	58.03	57.89	56.51	56.66	58.31	57.54	24.9	24	30	30.9	26.6	25	26.9	32.3	23.6	91	91	75	72	83	92	84	.....
3..	57.26	57.48	58.16	56.68	57.26	58.27	57.52	24.6	24	28.8	30.4	28.6	25.9	27	31.6	23.8	92	92	76	72	79	88	83	.....
4..	57.58	57.74	58.01	56.48	57.99	58.98	57.80	25	24.8	29.1	31	26.4	24.8	26.8	32.7	24.1	90	90	78	72	81	92	83.8	8.9
5..	57.96	58.04	58.74	56.88	57.61	59.24	58.08	24.2	24.6	29.3	32.8	27.6	27	27.6	33.1	24	94	93	76	65	83	84	82.5	4.8
6..	58.57	58.76	59.31	57.40	57.93	59.54	58.58	25.5	25.2	29.6	30	28.1	26.2	27.4	31.8	24.3	92	95	81	77	79	92	86	.....
7..	58.01	58.20	58.84	57.05	57.23	59.18	58.08	25	24.9	30	32.6	29.6	27.8	28.3	33.2	24.2	92	92	78	66	77	84	81.5	.....
8..	58.16	58.41	58.68	57.25	57.64	59.25	58.23	25.9	25	29.6	32.6	29.8	27.6	28.4	33.2	24.6	91	93	74	61	75	80	79	.....
9..	58.87	59.11	59.41	57.61	58.09	59.73	58.80	25.8	24.5	29.5	31.6	29.5	29	28.3	33	24.1	87	92	75	68	77	78	79.5	.....
10..	58.78	58.98	59.59	58.02	57.87	59.30	58.76	26.6	25	27.7	31.1	30.1	27.9	28.1	32.2	24.8	86	92	82	69	75	84	81.3	.....
11..	58.36	58.59	58.95	57.23	57.07	58.36	58.09	26	25	30.3	31.7	29.5	26.4	28.2	32.4	24.3	90	92	70	66	68	86	78.7	.....
12..	57.33	57.73	58.11	56.75	57.47	58.71	57.68	26	25	30	33.3	30.5	28.9	29	33.5	23	84	87	72	56	68	75	73.7	.....
13..	57.50	57.98	58.13	56.10	56.58	58.36	57.44	26.8	25.4	30	33	30.8	29.8	29.3	33.4	24	84	88	71	57	72	74	74.3	.....
14..	58.01	58.47	58.76	56.84	56.58	58.62	57.88	27	25.4	30.5	33.4	32	29.4	29.6	34	24	83	88	68	58	65	75	72 8	.....
15..	58.21	58.70	58.90	57.22	58 01	59.64	58.45	27.3	25.9	30.9	33.9	30.5	28.9	29.6	34.2	25.4	84	88	68	54	75	77	74.3	.....
16..	58.96	58.25	58.07	56.58	56.51	58.24	57.77	26.8	26	31	31	29.6	28.9	28.9	34	25.3	86	89	68	75	77	78	78.8	.....
17..	56.78	56.94	57.13	55.24	55.52	58.04	56.61	25.9	25.1	30	31.8	30	27.5	28.4	32.5	24.8	91	94	75	64	74	82	80	.....
18..	56.56	56.79	57.01	55.34	56.29	58.44	56.74	25.2	25.5	30.8	32	30	29.7	28.9	33.3	24.8	90	92	75	72	74	72	79.2	.....
19..	57.18	57.96	58.58	57.05	58.80	59.59	58.19	26.5	25.3	30.1	32	26	24.9	27.5	33	24 1	85	88	74	69	84	86	81	21.1
20..	58.73	58.58	58.55	57.07	57.66	59.16	58.29	24	24	28.7	31.5	28.5	26 9	27.3	32.5	23 6	91	91	76	68	83	90	83.2	.....
21..	57.86	58.12	58.14	56.68	56.99	58.52	57.72	25.6	24.8	29.1	30.9	29.4	26.6	27.7	31.6	24.2	91	92	80	69	75	89	82.7	7.6
22..	57.88	56.93	57.82	55 46	56.46	57.84	57.06	25	24.4	27.6	31.9	26.2	24.6	26.6	32.3	23.6	92	93	81	66	86	93	85.2	14.4
23..	56.92	57 05	57.42	56.09	56.88	58.05	57.07	23.9	23.2	27.1	31	28 8	26	26.7	31.5	22.8	92	94	83	69	72	85	82.5	63
24..	57.88	58 03	58.16	57.22	56 98	58.34	57.77	25	24.3	28	29.7	28.8	28.2	27.3	30.4	23.8	90	94	80	77	76	76	82.2	.....
25..	57.53	57.62	57.59	56.81	56.90	57.51	57.33	26.8	24.8	29.1	25.1	26.8	25	26.3	30.9	24	83	93	77	88	90	93	87.3	9.1
26..	56.43	56.48	56.41	55.15	54.86	56.06	55.90	24.6	24	29	27.4	27.1	26.2	26.4	30.3	23.3	92	91	77	86	81	86	85.5	19.4
27..	54.68	55.23	56.27	55	56.24	57.53	55.82	25.5	24.6	24.5	26.4	24	23.4	24.7	27.7	23.2	89	95	96	91	95	95	93.5	10.6
28..	56.73	57.43	57.75	57.45	58.04	59.86	57.88	23.9	23.8	28.2	30.3	28.5	26.2	26.8	30.8	23.1	92	93	78	74	77	89	83.8	.....
29..	58.81	58.90	59.09	57.48	58.30	60.34	58.82	25	24.4	30	31.6	27.1	26	27.4	32	23.5	90	93	76	71	83	88	83.5	.....
30..	58.73	58.80	59.16	57.18	56.12	58.90	58.15	24.8	24.3	29.6	31.4	29.6	28.4	28	31.8	23.8	93	94	78	72	77	82	82.7	.....
Mean	57.74	57.92	58.25	56.68	57.12	58.68	57.73	25.5	24.7	29.3	31.1	28.7	27	27.7	32.3	24.1	89.2	91.7	76.4	69.9	77.9	84.1	81.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	176.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	S	S	NE	N	S	.....	.....	.....	.....	.....	8	A.-Cu. S	S.-Cu.	7	Ci.-S. S	Cu.-N.
2..	S	SW	S	NNW	S	SW	.....	.....	.....	.....	.....	3	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. NNW
3..	S	S	S	ENE	NE	W	.....	.....	.....	.....	.....	10	Ci.-S. E	Cu.	10	Ci.-S.	S.-Cu. SE
4..	W	S	S	ENE	S	SW	.....	.....	.....	.....	.....	10	Ci.-S. E	S.-Cu.	5	Ci.-S. E	Cu.-N. S
5..	SW	S	S	S	W	S	.....	.....	.....	.....	.....	4	Ci.-S. .E	Cu.	7	A.-Cu. SW	Cu.-N.
6..	W	W	S	SE	NW	SW	.....	.....	.....	.....	.....	10	A.-Cu. sw	S.-Cu.	7	Ci.-S.	Cu.-N.
7..	W	W	SSE	ENE	Calm	N	.....	.....	.....	.....	.....	10	Ci. E	Cu.	1	.....	Cu.-N. S
8..	SW	S	SSE	SSE	NW	SW	.....	.....	.....	.....	.....	10	Ci.-S. SE	.....	1	Ci.-S. SE	Cu.-N.
9..	SW	SSW	S	ENE	NW	NW	.....	.....	.....	.....	.....	7	Ci. E	Cu.	8	Ci. E	Cu.-N. S
10..	NW	W	S	ENE	ENE	S	.....	.....	.....	.....	.....	10	Ci.-S. NE	S.-Cu.	7	Ci.-S. NE	Cu. S
11..	S	S	S	ENE	E	SSE	.....	.....	101.4	60.6	.....	6	Ci. E	Cu.	6	Ci.-S. E	Cu.-N. S
12..	S	S	SSE	S	N	NW	78.1	137.4	98	61.5	375	0	.....	.....	1	.....	Cu. S
13..	W	SW	SSE	S	N	W	37.8	125.3	98.2	71.8	333.1	10	Ci.-S. E	.....	6	Ci.-S. E	Cu. S
14..	SW	S	SSE	S	SE	E	59.5	111.6	81.1	42	294.2	5	Ci.-S. SE	.....	5	Ci.-S. SE	Cu. S
15..	S	SSE	SSE	SSE	NE	NW	64.6	121.3	88.8	60.9	335.6	6	Ci.-S. E	.....	0	.....	.....
16..	W	S	S	NW	NE	NW	65.7	97.7	104.6	56.1	324.1	7	Ci. E	Cu.	5	Ci. E	Cu.-N.
17..	W	SW	S	N	ENE	NW	64.1	80	87.1	67.6	298.8	0	.....	.....	0	.....	.....
18..	SW	SW	S	NNE	NE	NE	48.6	75.3	80.7	50.4	255	0	.....	.....	0	.....	.....
19..	W	S	S	NE	SW	SW	71	74.2	90.7	85.3	321.2	0	.....	.....	7	A.-Cu. S	Cu.-N.
20..	S	S	S	NNW	Calm	SW	83.1	105.2	53	54.7	296	7	Ci.-S. NE	Cu.	8	Ci.-S. E	Cu.-N.
21..	S	S	S	N	NE	S	113.5	99.6	84	71.4	368 5	10	Ci.-S. SW	S.-Cu. S	8	A.-Cu. SW	S.-Cu.
22..	S	S	SW	Calm	NW	SE	107.8	119.1	75.3	79.9	382.1	10	Ci.-S.	S.-Cu. S	7	A.-Cu. SW	Cu.-N.
23..	S	S	S	Calm	NE	NW	100.8	94.1	55.8	65.4	316.1	10	Ci.-S. E	S.-Cu.	6	Ci.-S. E	Cu.-N. S
24..	W	W	S	Calm	Calm	Calm	48.9	86.6	36	27.6	199.1	10	Ci.-S. E	S.-Cu.	10	Ci.-S.	S.-Cu. SW
25..	SW	SW	NE	E	Calm	S	46.4	34	39.4	52.9	172.7	10	Ci.-S.	S.-Cu.	10	.....	N.
26..	S	S	SSE	ENE	E	SE	78.9	59.7	80	41.2	259.8	3	Ci.-S. S	Cu. S	10	Ci.-S.	S.-Cu. E
27..	S	S	S	S	S	S	64.1	106.2	78.9	115.9	365.1	10	.....	N.	10	.....	N.
28..	S	S	S	S	NE	S	81.9	112.9	66	57.4	318.2	10	Ci.-S.	S.-Cu. S	10	.....	S.-Cu. SW
29..	S	S	S	NE	SW	SW	34.8	73.5	83.1	44.8	236.2	5	Ci.-S. SW	S.-Cu.	1	.....	Cu.-N. S
30..	SW	SW	W	ENE	NE	E	41.5	41.6	79.7	40.8	203.6	1	Ci.-S.	Cu.	1	Ci.-S. E	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	68	92.4	78.1	60.4	297.6	6.5	.....	.....	5.8	.....	.....

APARRI.

[ϕ=18° 22′ N; λ=121° 34′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

JULY, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.02	58.31	58.64	57.27	56.92	58.54	57.95	26.8	25.6	29.8	31.5	29	27.5	28.4	32	25.3	90	93	75	69	74	81	80.3	.....
2..	57.30	57.21	57.84	56.39	56.59	58.15	57.25	26.7	25	28.5	30.2	29.5	24.8	27.4	31.5	24	83	93	83	75	77	93	84	1.8
3..	57.38	56.43	57.09	55.68	55.72	57.14	56.57	24	24	29.5	31.2	29.6	28.5	27.8	31.8	23.7	93	93	79	70	74	78	81.2	.....
4..	55.48	55.12	55.51	53.77	53.40	54.89	54.70	25.3	25	30.6	31.5	30.5	28.5	28.6	32	24.5	91	92	75	66	72	80	79.3	.....
5..	54.01	53.23	54.04	52.73	53.19	54.47	53.61	26.1	25	30	29.6	26	25.2	27	33.3	24.1	88	88	74	84	93	95	87	34.5
6..	53.89	53.18	53.81	52.69	53.39	55.04	53.67	25	25	30	31.3	29.2	26.5	27.8	32	24	92	92	74	65	72	86	80.2	5.3
7..	54.37	54.53	54.59	54.21	54.02	55.76	54.58	25	25	30	28.9	28.6	27.3	27.5	31.5	24.2	93	92	74	76	79	82	82.7	1
8..	55.01	55.06	55.98	54.90	54.96	56.45	55.39	26	25.1	26.3	28.8	28	27.2	26.9	29.3	24	86	91	88	79	82	83	84.8	1.6
9..	55.04	55.13	56.02	55.29	55.19	55.92	55.43	25.1	24.5	25.5	25	25.6	25.3	25.2	26.4	24	91	92	92	96	90	89	91.7	3.3
10..	55.03	55.24	55.21	54.27	54.32	55.43	54.92	24.9	24	28.5	30.5	25.6	25	26.4	30.8	23.7	91	95	82	71	90	90	86.5	.....
11..	54.07	54.20	54.66	52.72	53.14	53.55	53.72	24.2	24	27.9	29	29	28.1	27	30	23.2	94	91	82	81	76	77	83.5	9.2
12..	52.30	52.40	52.18	50.67	50.02	51.54	51.52	25.7	24.6	26.3	26.6	26	25.3	25.8	27.1	23.8	90	93	91	90	84	86	89	8.9
13..	50.37	50.25	52.23	52.18	52.17	54.15	51.89	24.8	24	25.4	26.1	26.3	25.5	25.4	26.6	23.4	87	91	80	87	86	80	85.2	1.8
14..	53.25	54.19	54.95	53.95	54.93	56.31	54.60	25	25.5	28.6	29.6	25.7	25	26.7	31	24	79	80	73	76	91	87	81	.5
15..	55.48	56.70	57.59	56.13	56.23	57.91	56.67	24.2	24	26.2	30	29	27.9	26.9	30.6	23.3	90	90	82	71	78	78	81.5	.....
16..	57.08	57.28	57.56	55.95	56.78	57.86	57.08	25.7	24.6	29.6	30.5	25	24.8	26.7	31	23.8	90	92	77	72	90	90	85.2	10.9
17..	56.46	56.62	56.82	55.21	54.60	55.31	55.84	24	24	24.4	24.9	24.6	24.1	24.3	25.3	23.5	95	95	95	94	93	95	94.5	64.2
18..	54.25	54.20	54.73	53.75	53.87	55.76	54.43	24	24	26.5	28.1	27.1	26	26	28.8	23.3	93	95	84	84	93	89	89.7	.3
19..	54.26	54.35	55.08	53.97	54.31	55.97	54.66	24.9	24.5	26.4	27.6	27	26.1	26.1	28.1	23.8	90	92	85	84	86	83	86.7	.5
20..	54.83	55.13	56.31	55.46	55.53	56.91	55.70	25	24.5	26.9	29.3	23.7	24.6	25.7	29.5	23.5	88	86	81	75	92	85	84.5	1.3
21..	55.80	55.42	56.41	55.44	56.25	57.77	56.18	24.7	23.8	28.3	30	27.2	26	26.7	30.8	23.3	84	90	77	74	83	84	82	.....
22..	56.86	57.28	57.80	56.42	58.12	59.31	57.63	25	24.2	27.6	31.5	25.6	25.1	26.5	31.8	23.8	90	93	83	67	92	92	86.2	.....
23..	58.82	58.95	59.17	58.29	58.67	59.96	58.98	24.3	24.1	27.9	29.7	26.2	24.9	26.2	30.3	23.6	94	94	84	76	87	91	87.7	2.3
24..	58.85	58.13	58.43	56.77	57.72	58.91	58.14	24	23.3	27.2	30.5	25.4	24.7	25.8	31.8	23.1	93	96	83	74	90	91	87.8	1
25..	57.49	56.74	57.07	55.64	56.71	57.73	56.90	23.9	23.4	27.8	30	24.7	24	25.6	31	23	92	95	81	72	92	93	87.5	3
26..	56.52	56.64	57.01	55.85	55.91	57.61	56.59	24	23.7	28	25.5	27	24.3	25.4	30.1	23.1	93	96	85	92	83	89	89.7	59.2
27..	56.12	55.89	56.56	55.04	54.84	55.98	55.74	24	23.2	26.1	27.4	27.5	26.4	25.8	28.5	22.8	91	95	85	81	79	81	85.3	.3
28..	54.42	54.78	54.97	53.33	53.93	55.22	54.44	24.9	23.7	29	29.6	26.6	26	26.6	30.2	23.3	87	94	78	72	87	88	84.3	.....
29..	54.28	54.15	54.81	54.21	54.23	55.71	54.56	24.9	24.5	29.4	24.4	25.6	25.2	25.7	31	23.8	92	92	76	95	93	94	90.3	1.8
30..	54.78	55.02	55.49	54.45	54.96	56.18	55.15	25	24.3	29.6	30.4	27.9	26.2	27.2	31.8	23.7	93	92	77	73	84	90	84.8	.....
31.	55.32	55.10	55.64	54.30	55.11	56.23	55.28	24.5	24	29.2	30.5	27.2	25.8	26.9	31	23.8	92	93	74	65	87	87	83	.5
Mean	55.39	55.38	55.94	54.74	55.02	56.38	55.48	24.9	24.3	28	29	27	25.9	26.5	30.2	23.7	90.2	92.1	80.9	77.6	84.8	86.7	85.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	213.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	E	Calm	SE	ENE	ENE	Calm	33.8	37	84	63.4	218.2	3	Ci.-S. SW	Cu.-N.	2	Ci.-S.	Cu.-N. E
2..	Calm	S	SW	ENE	ENE	Calm	37.6	36.5	62.8	53.6	190.5	9	.....	Cu.-N. E	7	Ci.-S. SE	Cu.-N.
3..	S	S	S	NNE	N	W	57.9	65	91.1	71.8	285.8	5	Ci.-S. SW	Cu. S	1	.....	Cu.-N.
4..	S	S	S	NNE	N	S	74	68.6	75.3	58.2	276.1	0	.....	.....	1	A.-Cu. W	Cu.-N.
5..	S	S	S	NE	SW	Calm	86.1	98	76.6	46.4	307.1	3	Ci.-S. W	Cu.	5	A.-Cu. SW	S.-Cu.
6..	S	S	S	NE	ENE	S	100.6	108.3	94.6	62	365.5	2	Ci.	Cu.	3	Ci.-S. E	Cu.
7..	S	S	S	NW	NE	S	79.4	82.1	74.8	55.8	292.1	4	Ci.-S. E	S.-Cu.	10	.....	N.
8..	SW	SW	SE	ENE	ENE	S	49.7	56.9	41.3	51.2	199.1	6	Ci.-S. SW	Cu.	10	Ci.-S.	S.-Cu.
9..	S	S	S	SE	NE	NW	54.1	38.6	49.9	39.2	181.8	10	Ci.-S.	S.-Cu. S	10	Ci.-S.	S.-Cu. E
10..	NW	W	SSW	N	SW	S	41	66.2	69.2	68.2	244.6	9	Ci.-S. W	Cu.	7	A.-Cu. NW	S.-Cu.
11..	W	S	S	NW	NW	NW	42.8	45.4	113	117.2	318.4	10	Ci.-S. SE	S.-Cu.	10	Ci.-S.	S.-Cu. NW
12..	WNW	W	W	WSW	SW	SW	76.9	112.7	133.4	116.1	439.1	10	Ci.-S.	S.-Cu. NW	10	Ci.-S.	S.-Cu. NW
13..	SSW	S	S	SSW	SW	S	181.5	203	106	149.2	639.7	10	Ci.-S.	S.-Cu. WSW	10	Ci.-S.	S.-Cu. SW
14..	S	S	S	S	SW	S	150	113	83.1	78.6	424.7	10	Ci.-S.	S.-Cu. SW	10	A.-Cu.	S.-Cu. SW
15..	S	S	S	S	E	Calm	88.7	75.4	75.9	9.2	249.2	10	Ci.-S.	S.-Cu. S	10	Ci.-S.	S.-Cu. S
16..	Calm	Calm	NE	ENE	SE	SE	1	34	91.7	44.5	171.2	7	Ci.-S. NE	Cu.	4	A.-Cu. SE	Cu.-N.
17..	S	Calm	E	E	E	E	46.7	56.9	79.2	95	277.8	10	.....	N.	10	.....	N. E
18..	S	SSE	S	S	S	S	75.8	109.7	42.5	59.3	287.4	10	A.-Cu. S	S.-Cu. S	10	Ci.-S.	S.-Cu.
19..	S	S	S	S	S	S	82.3	96.3	60.4	59.8	298.8	10	Ci.-S.	S.-Cu. S	10	Ci.-S.	S.-Cu. S
20..	SE	Calm	S	S	SE	S	85.8	90.1	98.2	130.7	404.8	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	S.-Cu. SW
21..	S	S	S	SSE	NW	SE	122.3	107.8	70	46.9	347	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	S.-Cu. SW
22..	S	S	S	SE	W	Calm	72.1	80.8	66.6	42.6	262.1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu. SW
23..	W	W	S	NNE	WSW	SW	40.4	72.4	75	52.5	240.3	10	Ci.-S. NE	S.-Cu. SW	7	A.-Cu.	S.-Cu. NNW
24..	SW	S	S	ENE	SW	W	73.5	116.7	76.6	64.7	331.5	10	A.-Cu. SW	S.-Cu.	4	Ci.-S.	Cu.-N.
25..	S	SSE	S	E	SW	SW	112.9	115.7	73	72.4	374	10	A.-Cu. SW	S.-Cu.	10	Ci.-S.	S.-Cu. SW
26..	SW	S	S	Calm	NE	SE	92.3	78.7	28.2	41.8	241	10	Ci.-S. E	S.-Cu. S	10	Ci.-S.	S.-Cu. W
27..	SE	S	NNW	NNW	NNW	NW	45.1	62.6	122.8	75.3	305.8	10	Ci.-S. SW	S.-Cu.	10	Ci.-S.	S.-Cu. NW
28..	NW	NW	S	NNW	NNW	W	35.1	55.8	108.6	104.9	304.4	7	Ci.-S. S	S.-Cu.	8	Ci.-S. E	S.-Cu. WNW
29..	W	SW	SW	SW	Calm	SW	42.3	47.5	60.9	52.1	202.8	7	A.-Cu. W	S.-Cu.	10	.....	Cu.-N. W
30..	SW	S	SW	NNE	S	S	41.6	55.5	70	72.9	240	7	Ci.-S. SW	Cu.	7	A.-Cu. W	S. Cu.
31..	SW	S	SSW	NE	Calm	S	85.6	*47.3	.....	.....	.....	5	Ci.-S. SW	S.-Cu.	6	.....	Cu.-N. W
Mean	.....	.....	.....	.....	.....	.....	71.3	78.5	78.5	68.5	297.4	7.9	.....	.....	7.8	.....	.....

*1 hour missing.

APARRI.

[ϕ=18° 22′ N; λ=121° 34′ E; barometer above sea, 5 meters.; gravity correction not applied, —1.57 mm.]

AUGUST, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	55.33	55.19	55.76	54.07	54.91	56.98	55.37	24.8	24	30	33.2	26.1	25.1	27.2	35.1	23.7	89	91	67	63	94	91	82.5	2.3
2..	55.36	56.03	56.51	54 41	55.47	57 09	55.81	25	24.1	30.6	34	25.5	25.2	27.4	35.5	23.8	90	95	70	56	84	90	80.8	15.9
3..	55.76	55.87	56.10	55.26	55 56	57.01	55.93	25	24.8	27.1	29.8	25	24.8	26.1	30.4	24.2	92	93	88	69	93	93	88	27.2
4..	55.88	55.85	56.08	54.65	54.79	57.19	55.74	24.7	24.4	27.6	30.5	27.8	25.1	26.7	32.1	23.8	92	93	84	73	79	91	85.3	2
5..	56.35	56.65	57.13	55.87	56.93	58.83	56.96	24.4	23.4	28.5	30.8	25	24.8	26.2	33.9	23.1	93	95	78	72	92	92	87	8.7
6..	58.23	58.58	58.70	57.14	58.16	59.17	58.33	24.2	24	29	30.4	28.5	25.2	26.9	32.3	23.5	94	93	80	66	77	90	83.3	.....
7..	58.10	58.23	58.84	57.24	57.28	58.19	57.98	24.1	23.8	29.4	30.3	28.6	26.2	27.1	32.3	23.3	91	91	75	72	76	90	82.5	2.3
8..	57.36	58 10	58.35	57.24	57.71	59.55	58.05	25.8	24.8	29	27.5	27.5	27.4	27	31.7	24.1	89	93	78	81	79	80	83.3	2.8
9..	58.08	58.32	58.71	57.69	57.75	58.46	58.17	26.1	24.2	27.9	28	27.6	27.3	26.8	29.5	23 8	83	95	82	81	83	85	84.8	11.7
10..	57.48	57.79	58.16	55.93	55.21	54.59	56.53	25.8	25.2	26 6	29	26	27.2	26.6	30.6	24.7	89	93	94	84	94	87	90.2	63.8
11..	49.93	42.49	41.46	48.15	51.67	54.85	48.09	25.9	25	23.6	24	24.7	24.1	24.6	27.8	23.2	93	95	95	96	92	95	94.3	32
12..	54 91	55.30	56.26	55.02	56.24	58.65	56.06	24	23.6	29	33	28.4	27.5	27.6	34.3	23	95	95	69	64	86	88	82.8	.....
13..	57.44	57.61	57.70	55.99	56.89	59.04	57 44	26	24.7	30.1	33.2	28.5	28	28.4	35	24.1	90	94	75	62	80	79	80	.....
14..	57.14	57.06	57.74	56.55	56.36	57.66	57.08	26.3	24.6	29 8	32.5	29.1	28	28.4	34.3	24.1	86	93	71	58	78	81	77.8	.....
15..	56.23	56.74	57	55.82	55.44	56.80	56.34	26.5	24.5	30	31	28.2	28	28.1	32.5	24.1	86	96	71	69	76	77	79.2	.....
16..	55.09	54.47	54.74	52.70	52.85	53.43	53.88	26.8	27.1	29 3	30.5	27.4	27	28	31.5	24.3	80	82	76	71	86	86	80 2	16.8
17..	51.11	50.41	49.78	48 02	47.77	48.59	49.28	27.2	27.4	27.2	27.3	25.4	25	26.6	28.7	24.2	83	87	86	85	88	91	86.7	44.7
18..	47.32	46.27	48.08	48.39	48.43	51.33	48.30	24.8	24 6	25 6	24 6	25.4	26	25.2	26.8	23.5	90	88	75	86	84	84	84.5	7.9
19..	50.83	51.33	52.60	51 77	52.63	54.22	52 23	25	25.9	27 6	28.5	28	26.9	27	29	25.4	82	77	71	70	71	77	74.7	.....
20..	54.05	54.63	55.87	54 61	55.92	57.77	55.48	26.2	25	28	30.4	28	27	27.4	31.1	24.3	78	83	73	69	80	84	77.8	.....
21..	57.23	57.59	58.34	56.79	58.29	60.50	58.12	26	25.1	31.1	32.8	26.5	25.2	27.8	35.5	24.2	89	94	65	65	85	90	81.3	.....
22..	59.07	59.18	59.61	58.58	59.16	60.29	59.32	24	23	29	33.5	28	25	28.1	27.7	34.6	22.5	93	95	71	56	81	80	79.3	.....
23..	58.96	59.06	59.39	58.58	59.50	60.94	59.40	26	25	30	32.8	29	28.5	28.6	34.8	24.4	90	93	72	64	81	78	79.7	.....
24..	60.16	60.51	60.41	58.98	59.33	59.96	59.89	25.6	24.3	29	33.8	29.6	28	28.4	34.9	23.8	91	91	75	60	75	80	78.7	8
25..	59.60	59.79	59.68	57.93	58.13	59.54	59.11	26.2	25.1	31.1	33	28.6	26.1	28.4	35.1	24.5	89	96	68	59	80	96	81.3	11.9
26..	58.28	58.63	59.13	56.68	57.10	58.56	58.06	25	24.2	29.2	33	29.1	27.8	28.1	35.2	24	93	95	79	62	76	80	80 8	1
27..	57.89	58.07	58.26	56.86	57.78	59.23	58.02	26.5	25.1	31.2	32	29	28.4	28.8	34.7	24.4	85	91	68	64	78	78	77.3	.....
28..	58.51	58.80	59.30	57.23	57.96	58.95	58.46	26.1	25	30	32.4	29	28.8	28.6	34.8	24.4	89	92	75	64	78	76	79	.....
29..	57.86	58.09	58 31	56 18	55.63	57.05	57.19	27	25.4	31.3	32.5	28.8	28.5	28.9	34.3	24.8	84	92	69	63	75	74	76.2	.....
30..	55.97	56.03	56.43	54.84	55.21	57.18	55.94	26	24.9	31.1	33.5	29.1	28.4	28.8	35.2	24.4	88	91	67	64	76	75	76.8	.....
31..	55.47	55.60	56.38	54.69	54.74	56.39	55.54	25.8	24.5	31.6	32.6	29	28.7	28.7	34.5	23	87	91	69	65	75	74	76.8	.....
Mean	56.16	56.07	56.48	55.29	55.83	57.35	56.20	25.6	24.7	29.1	31	27.6	26.8	27.5	32.9	23.9	88.5	91.7	75.4	68.8	81.7	84.3	81.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	251.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	S	SSE	S	NE	SSE	S	.....	.....	59.5	42.3	.....	0	.....	.....	5	.....	Cu.-N. W
2..	S	Calm	S	SSE	N	S	31.4	53.4	51.8	44.9	181.5	8	A.-Cu. SW	S.-Cu.	6	A.-Cu. W	Cu.-N.
3..	S	Calm	S	NE	SSW	SW	37.6	30.6	76.1	52.5	196.8	10	Ci.-S.	S.-Cu. S	10	A.-Cu. W	Cu.-N.
4..	SW	SW	SW	ENE	N	SE	54.7	44.3	64.9	50.5	214.4	10	Ci.-S.	S.-Cu.	10	Ci.-S. E	Cu.
5..	SE	SE	SE	ENE	S	S	52.3	64.6	80.8	34.8	232.5	10	A.-Cu. S	S.-Cu.	9	A.-Cu. SE	Cu.-N.
6..	SE	SE	SE	NNE	S	SE	42.6	61	62.2	44.1	209 9	6	A.-Cu. SE	S.-Cu.	8	Ci.-S. E	Cu.-N.
7..	S	SE	SE	N	N	NE	40.5	46.1	67 6	33.6	187.8	10	A.-Cu. SW	Cu. S	9	Ci.-S. E	Cu.-N.
8..	Calm	S	E	E	NE	NE	22	38	88.7	75.6	224.3	6	Ci.-S. SW	S.-Cu.	10	Ci.-S.	Cu.-N. E
9..	N	E	Calm	NE	N	N	66.8	26.4	57.9	50.9	202	10	.....	N. E	9	Ci.-S.	S.-Cu. E
10..	Calm	Calm	W	NW	N	NNW	38.3	55	173.8	202.7	469.8	10	.....	Cu.-N. E	10	Ci.-S. E	Cu.-N. N
11..	NNW	NW	S	S	S	S	.....	.....	.....	.....	.....	10	.....	N.	10	.....	N.
12..	SSE	SSW	S	S	NE	Calm	.....	.....	.....	.....	.....	10	Ci.-S.	S.-Cu. SW	10	Ci.-S. SW	S.-Cu.
13..	SW	S	S	S	NE	E	.....	.....	69.8	64.7	.....	10	Ci.-S. SW	S.-Cu.	1	Ci.-S.	Cu. S
14..	Calm	SW	S	NE	N	NE	30.3	38.9	79.5	73.4	222.1	0	.....	.....	5	Ci.-S. E	Cu.
15..	NE	Calm	NW	NW	NW	NW	29.6	82.4	165.4	129.3	406.7	0	.....	.....	7	A.-Cu. E	Cu.
16..	NW	NW	NW	NW	NW	NW	98.3	159	179.9	127 1	564.3	10	A.-Cu. NE	S.-Cu. NW	10	A.-Cu. N	Cu. NW
17..	NW	NW	NW	NW	W	WSW	169.6	219.8	194.1	102.7	686.2	10	.....	Cu.-N. NW	10	.....	N. NW
18..	Calm	S	S	S	S	S	78.3	128.7	109.4	74.6	391	10	.....	N.	10	.....	S.-Cu. W
19..	S	S	S	S	S	S	97.6	96	103	59.7	356.3	10	.....	S.-Cu. SW	10	.....	S.-Cu. SW
20..	SW	SW	SW	SW	SW	Calm	68.1	68.2	58.9	22.2	217.4	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	S.-Cu. SW
21..	S	SW	SW	NE	SW	NE	30	62.2	82.4	41.2	215.8	8	A.-Cu. SW	S.-Cu.	1	A.-Cu. S	Cu.-N.
22..	SSW	SW	SW	NE	N	NE	61.5	84.7	90.7	65.7	302.6	0	.....	.....	0	.....	.....
23..	Calm	SW	S	NE	N	N	28.8	48.8	96.8	60.7	235.1	0	.....	.....	0	.....	.....
24..	SW	SW	SW	NE	NE	Calm	41.8	56.8	72.4	32.2	203.2	8	Ci.-S. E	S.-Cu. S	6	A.-Cu. E	Cu.-N.
25..	SW	Calm	SW	NE	N	NE	29.2	37.3	89.5	46.4	202.4	6	A.-Cu. E	S.-Cu.	6	Ci.-S. E	Cu.-N.
26..	SW	SW	S	NNE	NE	Calm	37.3	75	81.1	38.4	231.8	7	A.-Cu. NE	S.-Cu.	1	.....	Cu.
27..	SW	Calm	SW	NNE	ENE	Calm	39.1	39.6	99.8	43.1	221.6	5	.....	Cu.-N. NE	1	.....	Cu.-N.
28..	SW	SW	SW	NE	NE	Calm	33.8	41.8	92	42.8	210.4	5	Ci.	S.-Cu. N	1	.....	Cu.-N. SE
29..	Calm	SW	NE	NE	NE	NE	33.2	46.4	75.6	41.5	196.7	0	.....	.....	1	Ci.-S. E	Cu.-N.
30..	SW	SW	S	NE	NE	E	33.2	46.4	117.5	76.9	274	0	.....	.....	0	.....	.....
31..	S	Calm	E	NE	ENE	E	28	42.1	98.2	63.8	232.1	0	.....	.....	1	Ci. E	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	50.1	66.4	94.5	63.4	277.4	6.4	.....	.....	6	.....	.....

APARRI.

[ϕ=18° 22′ N; λ=121° 34′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

SEPTEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	55.58	55.78	56.41	54.13	54.41	56.05	55.39	27	25.2	31.5	32.6	29.2	28.5	29	34.8	24.5	81	90	69	64	75	75	75.7	.....
2..	55.18	55.41	56.44	53	87	53.90	56.16	55.16	26.4	25.4	29	32.2	29.5	27.8	28.4	34.7	24.6	87	93	76	65	73	79	78.8	.....
3..	55.41	55.67	55.99	54	83	56.45	57.21	55.93	26.1	24.8	30.4	32.2	27.1	25	27.6	35.2	24	85	90	68	68	90	92	82.2	25.1
4..	56.55	56.79	57.13	55.58	55.61	57.17	56.47	24	23.6	25.9	27.5	27.2	27	25.9	28.8	23.3	93	93	88	84	84	84	87.7	.....
5..	56.84	56.99	57.30	55.79	56.09	57.64	56.78	26	25.2	29.5	31.3	28.2	28	28	32.5	24.6	90	94	76	70	83	80	82.2	.....
6..	56.29	56.49	56.78	55.87	55.69	57.25	56.40	25.7	24.5	31.1	32.6	28.5	28	28.4	33.7	23.7	91	92	69	66	80	77	79.2	.....
7..	55.82	56.01	56.81	54.54	55.54	57.06	55.96	26.1	25	30.2	32.6	29	28	28.5	34.1	24.5	88	92	71	64	78	79	78.7	10.4
8..	55.94	56.03	57.13	55.40	55.59	57.31	56.23	25.8	24.2	27	30.8	28.2	27.1	27.2	32.2	24	90	93	87	72	79	83	84	1.3
9..	56.56	56.83	57.16	55.84	55.86	57.36	56.60	25.2	24.6	30	30.9	28.4	28.2	27.9	32.8	24	94	93	74	75	77	77	81.7	6.3
10..	56.26	55.81	56.15	54.18	53.94	53.51	55.02	27	25.4	28.1	28.5	26.2	25.6	26.8	30.4	24	86	95	87	81	90	93	88.7	41.2
11..	50.15	46	48.13	49.98	51.09	53.44	49.80	25.4	25	23.9	24	25.3	25.2	24.8	27.3	23.2	92	96	93	92	91	93	92.8	62
12	54.05	55.53	56.24	55.48	56.86	58.98	56.19	25	22.5	25.3	29.3	30.6	27.7	27	27.5	33.4	24.3	87	81	73	77	85	84	81.2	1.8
13	57.97	58.15	59.43	57.90	57.74	59.36	58.42	24.8	23.5	29	30.6	28.5	26.8	27.2	32.3	23	90	94	75	74	88	90	85.2	.....
14..	58.93	59.28	59.94	59.18	58.28	60.23	59.31	25	24.6	28.8	23.8	24	23.4	24.9	30	23	93	95	76	93	91	95	90.5	9.7
15..	59.10	59.28	60.16	58.29	58.22	59.75	59.13	23.4	23	27.6	30.1	28	27.2	26.6	31.5	22.4	92	95	80	71	81	83	83.7	.....
16..	59.08	59.33	59.98	57.84	57.70	58.76	58.78	25	22.4	29.5	31.1	27.7	27.6	27.5	32.2	23.8	92	95	72	74	79	79	81.8	.....
17..	58.21	58.39	59.45	57.89	58.04	59.99	58.66	27	25.2	30.2	31.5	28	27.2	28.2	32.5	24.6	83	90	70	69	77	80	78.2	.....
18..	59.14	59.50	60.18	58.31	59.08	60.54	59.46	26.3	24.7	29.5	31.5	28.5	28	28.1	32.7	23.8	83	92	72	66	78	79	78.3	.5
19..	59.84	59.98	60 36	59.02	58.84	60.14	59.70	26.9	25	29.9	31.3	28	28	28.2	32.2	24.3	81	92	72	70	77	76	78	23.6
20..	59.21	59.75	59.88	57.86	58	59.44	59.02	26.4	24.8	28.6	30.1	28	27.5	27.6	31.3	24	85	93	79	73	77	79	81	.....
21..	58.74	58.92	59 60	57.88	58.53	59.81	58.91	26.4	24.7	29.2	30.6	26.5	25.9	27.2	32.1	24.1	82	92	74	71	80	83	80.3	1.8
22..	59.01	59.15	59.61	58	58.21	59.49	58.91	24.5	24	29.1	29.8	27	26.1	26.8	31.8	23.6	91	93	70	72	86	88	83.3	.....
23..	58.42	58.28	58.79	56.71	57.31	58.96	58.08	24.9	24	28.4	30	27.6	27	27	31.8	23.6	91	91	75	70	76	77	80	.....
24..	57.98	58.34	58.68	56.33	56.41	58.16	57.65	26.3	24.1	29.2	30.9	27.6	27.6	27.6	32	23.6	79	94	73	67	80	79	78.7	6.6
25..	57.01	56.77	57.80	55.44	56.11	57.67	56.80	26.5	25	27	28.9	27.5	26.9	27	30	24.3	84	92	87	78	82	83	84.3	9.4
26..	56.47	56.63	57.81	56.31	57.06	58.68	57.16	25.1	24.5	29.3	28.5	27	26.8	26.9	31.1	24	91	92	79	78	84	83	84.5	3.8
27..	57.44	57.53	58.40	56.46	55.99	57.62	57.24	25.7	24.6	25.9	28.3	27	26.8	26.4	29.8	24.1	88	93	93	85	84	83	87.7	20.1
28..	56.77	56.25	56.74	54.65	55.38	57.09	56.15	24.8	23.5	28	28	26.6	26	26.2	30.3	23	89	94	84	83	86	85	86.8	9.1
29..	55.90	56.10	57.26	55.10	55.99	57.89	56.37	24.9	23.6	29.4	30.6	27.8	25.2	26.9	31.8	23.1	91	93	72	67	83	86	82	2.5
30..	56.75	56.60	58.06	56.29	57.56	59.56	57.47	24	23.7	28.4	30.4	26.5	26.5	26.6	33	23	93	94	77	72	85	82	83.8	2
Mean	57.02	57.05	57.80	56.16	56.52	58.08	57.10	25.6	24.5	28.8	30.1	27.5	26.9	27.2	31.9	23.8	88.1	92.5	77	73.7	82	82.9	82.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	237.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	SW	NE	NE	NE	S	32.5	39.2	82.7	57.6	212	7	Ci. E	Cu.	1	Ci.-S. E	Cu.-N.
2..	Calm	S	S	NE	NE	Calm	38	59.5	75.9	35.7	209.1	7	Ci.-S. E	S.-Cu.	8	Ci.-S. E	Cu.-N.
3..	S	SSW	SW	NNE	SW	S	34.1	69.4	96.4	59.5	259.4	5	Ci.-S. SW	S.-Cu.	7	Ci.-S. SE	Cu.-N.
4..	S	S	S	S	Calm	Calm	45.9	50.7	37.3	22.2	156.1	10	Ci.-S.	S.-Cu. E	10	A.-S.	S.-Cu.
5..	Calm	N	N	N	NE	NE	34	43.3	86.9	44.8	209	1	.....	Cu.-N. E	1	.....	Cu. E
6..	SW	SW	N	NW	NW	N	37.2	51	93	69.8	251	10	Ci. E	Cu.	9	Ci.-S. E	Cu.
7..	SW	SSE	W	NW	N	NE	32.5	52.1	107.3	51.2	243.1	9	Ci.-S. E	Cu.	1	Ci. E	Cu.
8..	S	SW	SW	NE	NE	W	41.6	32.7	60.2	35.1	169.6	7	Ci.-S. E	S.-Cu.	10	Ci.-S. E	Cu.-N. SE
9..	Calm	SW	Calm	NNE	NE	NE	22	39.6	68.6	63.4	193.6	7	A.-Cu. SE	S.-Cu.	10	Ci.-S. E	Cu NNE
10..	NW	NW	N	NW	N	N	62.8	86.3	121.7	190.4	461.2	10	.....	Cu.-N. NE	10	.....	S.-Cu. NNE
11..	N	NW	S	S	S	S	292.1	.....	[a]42	134.7	[b]468.8	10	.....	N. NNW	10	.....	S.-Cu.
12..	S	S	S	SW	SW	S	77.9	77.2	63.4	34.1	252.6	10	.....	S.-Cu. SW	8	.....	Cu.-N. SW
13..	SW	Calm	SW	NE	S	Calm	32.5	45.4	65	24.9	167.8	0	.....	.....	5	A.-Cu. E	Cu.-N. SE
14..	Calm	Calm	E	SW	Calm	Calm	20.4	27.1	47.3	30.6	125.4	10	.....	S.-Cu. SE	10	.....	N.
15..	S	SW	S	NE	NE	SE	59.8	72.1	77.2	62	271	5	.....	Cu. S	1	.....	Cu.
16..	Calm	Calm	SE	NE	ENE	E	23.3	36.4	116.1	107.6	283.4	10	Ci.-S. NE	.....	6	Ci.-S.	Cu. NE
17..	ENE	Calm	ENE	ENE	ENE	E	71.8	60.2	111	103.6	346.6	10	Ci.	Cu. E	8	Ci.-S.	Cu.-N. E
18..	S	Calm	Calm	ENE	E	E	34.4	29.3	93.6	102.7	260	9	Ci. NE	S.-Cu.	6	A.-Cu. SE	Cu.
19..	SE	Calm	NE	NE	ENE	ENE	33.8	44.1	124.9	96.6	299.4	1	Ci.-S.	Cu.	1	.....	Cu. NE
20	Calm	Calm	Calm	ENE	ENE	E	33.3	31.9	92.7	97.4	255.3	5	.....	Cu.-N. NE	2	Ci.-S. SW	Cu.
21..	Calm	Calm	SW	ENE	SW	NE	34.4	33.8	52.6	32	152.8	10	Ci.-S. NE	Cu.	4	Ci.-S.	Cu.-N.
22..	S	SW	S	NE	Calm	S	40.4	44.6	80.2	32.4	197.6	9	Ci.-S. SW	S.-Cu.	8	A.-Cu. SE	S.-Cu.
23..	Calm	S	SE	NE	NE	E	29.8	38.3	95.8	76.4	240	3	Ci. SE	Cu. E	1	Ci.	Cu. NE
24..	Calm	SW	Calm	ENE	E	NE	40	33	99.5	92	264.5	2	Ci.-S.	Cu.	1	A.-Cu. SE	Cu.-N.
25..	SW	SW	ENE	NE	NE	N	56.6	34.3	66.8	42.5	200.2	3	Ci.-S.	Cu.-N. E	8	Ci.-S. SW	Cu.-N. E
26..	S	Calm	NE	SE	NE	NE	23.8	37.6	47.2	31.4	140	9	Ci.-S. SW	Cu. E	10	Ci.-S.	S.-Cu. E
27..	Calm	Calm	SE	Calm	NNE	N	27.6	40.4	51.8	42.1	161.9	3	.....	Cu.-N. NE	10	.....	Cu.-N. NE
28..	SW	Calm	NW	NW	N	W	49.6	59	76.6	38.8	224	7	Ci.-S. E	Cu. NE	10	Ci.-S. N	Cu.-N.
29..	W	SW	SW	N	NE	S	35.7	42.8	85.3	67.9	231.7	10	Ci.-S. NE	Cu.	3	Ci. N	Cu.
30..	SSW	SSE	S	NNE	NE	NE	48.1	60.7	111.6	118.8	339.2	3	Ci.-S. W	Cu. S	7	A.-Cu. SW	S.-Cu.
Mean	.....	.....	.....	.....	.....	.....	48.2	47.3	81	66.6	241.6	6.7	.....	.....	6.2	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,246.7	.....	.....	.....	.....	.....	.....

[a] 4 hours missing.

[b] 10 hours missing.

APARRI.

[ϕ=18° 22′ N; λ=121° 34′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

OCTOBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.83	59.09	60.19	57.75	58.36	59.66	58.98	25.8	25	27	28.4	26.5	25.7	26.4	30.5	24.3	85	90	79	75	80	84	82.2	30
2..	58.93	59.60	60.05	57.53	57.51	59.34	58.83	24	23.9	27.3	30.2	27.5	27.1	26.7	31.4	23.5	96	94	85	71	81	80	84.5	17.1
3..	59.01	59.17	59.58	57.21	57.64	58.96	58.60	25.8	24.5	27.9	29.8	27.5	27	27.1	31.1	23.8	85	92	80	69	81	81	81.3	.....
4..	57.88	58.18	58.44	56.33	56.89	58 28	57.67	25.8	24	27.4	28.6	27.5	26.1	26.6	31	23.6	87	91	83	80	81	85	84.5	14.2
5..	56.57	56.68	56.99	55.01	55.15	55.98	56.06	24.9	24	28	28.2	26.5	26	26.3	30.7	23.3	91	93	82	79	84	88	86.2	40.2
6..	54.37	54.93	55.33	52.80	52.76	54.31	54.08	25	25.4	27.1	28.4	27	27	26.6	29.7	23.4	92	93	87	80	84	84	86.7	14.1
7..	52.32	52.63	53.14	51.03	51.78	53.32	52.37	26.8	26.2	26	26.9	26.1	25.9	26.3	29.2	24.8	86	90	92	88	83	85	87.3	31.8
8..	52.13	52.93	54.76	53.30	54.53	56.11	53.96	25	26	27.9	28.7	27	26	26.8	30.1	24	92	92	83	78	79	84	84.7	10
9..	55.30	55.90	57.50	55.50	56.46	57.97	56.44	24	23	28	29.6	27	26.2	26.3	30.6	22.8	90	95	77	70	81	84	82.8	6.1
10..	57.18	57.94	58.73	56.76	57.30	58.68	57.76	24.7	24.6	26.6	27	25.5	24.7	25.5	28.6	23.8	90	93	87	83	92	94	89.8	6.6
11..	57.35	58.10	59.10	57.87	58.76	60.07	58.54	24	24	25.3	28.3	27	26.1	25.8	29.5	23.6	93	95	93	79	84	88	88.7	.5
12..	58.90	59.03	60.94	58.59	59.11	60.06	59.44	24.9	24	29.6	30.9	28	27.5	27.5	31.8	23.4	92	95	71	66	77	78	79.8	19.6
13..	59.96	60.19	60.86	58.81	59.39	60.94	60.02	26	24.7	27	29	27	26.7	26.7	30 4	23.5	85	92	86	78	81	80	83.7	2.6
14..	59.66	59.78	61.10	58.64	58.98	60.15	59.72	24.8	24	27.5	25.8	25	24.6	25.3	29.7?	23.5	90	95	84	92	92	92	90.8	9.2
15..	58.73	59.10	60.22	57.20	58.05	59.89	58.86	24	23.1	27.4	30	28	25.2	26.3	31.9	22.8	91	96	82	70	80	90	84.8	1
16..	58.58	58.84	59.71	57.31	57.86	59.66	58.66	24	24	27.8	29.1	27.4	26.7	26.5	30.7	23.3	91	91	79	76	81	83	83.5	.....
17..	58.10	58.50	59.75	57.89	58.71	59.66	58.77	24.9	23.5	27.1	28.3	24.5	24.2	25.4	30.4	23.2	92	94	83	77	87	86	86.5	14.7
18..	58.40	58.70	59.76	57.30	58.16	59.03	58.56	23.3	23	25.6	27.6	26.5	25.6	25.3	29.6	22.4	92	93	87	80	86	87	87.5	.....
19..	58.40	58.88	59.71	58.08	58.37	59.28	58.79	24.6	24	28.1	28 4	26.4	26	26.2	31	23.5	93	95	79	78	84	85	85.7	21.1
20..	58.83	59.09	59.55	57.79	58.05	59.49	58.80	24.5	24.2	25.3	27.8	25.4	24.8	25.3	29	23.6	92	95	93	79	92	93	90.7	46.3
21..	58.93	59.08	59.77	57.44	57.92	59.66	58.80	24.1	23.6	26.5	29	26.6	26.3	26	30	23.2	95	95	88	78	84	83	87.2	.....
22..	58.03	58.17	59.56	56.91	58.16	59.54	58.40	26	24	28.3	29.1	27.1	27	26.9	30.2	23.4	85	95	76	77	83	83	83.2	.....
23..	58.38	58.63	59.23	57.03	57.94	58.86	58.34	26.2	24.6	28.6	30.4	27.6	27.1	27.4	31.8	23.9	86	95	77	73	86	88	84.2	.....
24..	57.99	59.09	59.36	56.86	57.34	58.72	58.23	26	24.6	28.6	29 6	27.5	27	27.2	31.3	24.2	88	93	83	71	87	88	85	.....
25..	57.84	58.18	58.71	56.25	56.94	58.34	57.71	26	25	29.5	30	27.5	27.1	27.5	31.2	23.4	89	87	74	72	87	87	82.7	.....
26..	57.31	57.49	58.57	56.58	57 37	58.33	57.61	26	25	26.6	26.4	26	26	26	29	24.3	92	95	87	88	88	88	89.7	2.5
27..	56.90	57.15	58.24	55.13	56.35	57.59	56.89	25.5	24	27.5	31	27.1	25.8	26.8	32.2	23.4	88	95	81	69	83	85	83.5	.....
28..	56.98	57.75	59.17	56.94	58 16	59.64	58.11	24.2	24	29.4	31.5	27.8	27.6	27.4	33.1	23.4	94	95	72	69	84	80	82.3	.....
29..	59.41	59.68	60.54	58.34	58.91	60.55	59.57	25.1	24.2	28.5	30.8	28	26.7	27.2	31.5	23.6	89	90	77	63	77	83	79.8	.....
30..	59.68	59.81	60.79	58.69	59.19	60.26	59.74	25.6	24	29.3	30.4	27.3	25.9	27.1	31.8	23.4	87	95	73	71	78	85	81.5	.....
31..	59	59.40	60.15	58.28	58.24	59.39	59.08	24.8	24	29	29.6	27.4	26	26.8	30.9	23.3	90	91	71	70	81	85	81.3	.8
Mean	57.74	58.12	59.02	56.81	57.43	58.77	57.98	25	24.3	27.6	29	26.9	26.2	26.5	30.6	23.5	89.9	93.2	81.6	75.8	83.5	85.4	84.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	288.4

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	NE	ENE	ENE	NE	E	114.3	104.6	124.9	105.4	449.2	10	.....	S.-Cu. NE	8	A.-Cu.	S.-Cu. ENE
2..	SE	Calm	S	ENE	NE	ENE	40	43.1	68.6	59.5	211.2	10	.....	S.-Cu. E	3	A.-Cu.	Cu. SE
3..	Calm	Calm	E	NE	NE	NE	17.4	31.6	72.9	47.5	169.4	10	.....	S.-Cu. E	1	Ci.-S.	Cu.
4..	W	Calm	NE	NE	NE	Calm	25.1	32.5	79.1	34.9	171.6	9	.....	S.-Cu. E	10	Ci.-S.	S.-Cu. E
5..	Calm	Calm	ENE	NE	NE	E	23.1	58.5	115.9	90.1	287.6	10	Ci.-S.	Cu.-N. NE	10	Ci.-S. SW	Cu.-N. E
6..	NE	NNE	NNE	NNE	NNE	NE	86.9	141.6	154.5	153.1	536.1	10	.....	N. NE	10	.....	Cu.-N. NE
7..	N	N	NNE	N	N	NW	123.7	130.4	141.6	132	527.7	10	.....	Cu.-N. NE	10	.....	Cu.-N. NE
8..	N	NW	NW	NW	NW	NW	108	120.5	149.7	84.3	462.5	10	.....	N. NW	10	.....	Cu.-N. NW
9..	SW	SW	Calm	NE	NE	NE	31.7	31.1	61.4	57.7	181.9	10	Ci.-S. NE	S.-Cu. NE	10	A.-Cu. SW	S.-Cu.
10..	NW	N	Calm	NE	Calm	Calm	41.5	44	44.5	22.3	152.3	10	.....	S.-Cu. E	10	Ci.-S.	S.-Cu. E
11..	Calm	SE	SE	S	SE	Calm	28.7	62.5?	36.8	26.9	154.9	10	.....	S.-Cu. SE	10	.....	S.-Cu. SE
12..	Calm	SE	SE	NE	NE	NE	24.1	57.6	95.2	83.1	260	1	A.-Cu. SE	S.-Cu.	3	Ci.-S. SE	Cu.
13..	Calm	Calm	Calm	N	N	Calm	30.8	23.9	57.7	36.5	148.9	7	.....	Cu.-N. NE	9	Ci.-S. SW	Cu.-N. NE
14..	SW	SW	NW	NNW	NE	W	32	65.7	62.2	30.9	190.8	10	.....	S.-Cu. NE	10	.....	N.
15..	SW	SW	S	ENE	NE	SW	41.5	57.3	62.2	51.8	212.8	10	.....	S.-Cu. SW	3	Ci.-S.	Cu. SE
16..	SW	SW	S	E	NE	Calm	45.4	48.9	43.8	21.5	159.6	10	A.-Cu. S	S.-Cu.	8	A.-Cu. SE	Cu.-N.
17..	Calm	Calm	NE	ENE	E	NE	24.6	49.7	98.4	54.4	227.1	7	.....	S.-Cu. SE	8	A.-Cu. SE	Cu.
18..	SE	Calm	SE	E	NE	Calm	35.6	39.6	51.8	14.2	141.2	1	.....	Cu.	10	.....	S.-Cu. E
19..	SE	Calm	E	E	NE	NE	22.7	51.3	70.8	43.3	188.1	9	Ci.-S. SW	S.-Cu.	9	Ci.-S. SW	Cu.-N. E
20..	Calm	NE	NE	NE	NE	NE	22.7	69.8	109.6	82.4	284.5	10	.....	Cu.-N. NE	10	Ci.-S.	S.-Cu. NE
21..	Calm	Calm	Calm	NE	NE	NE	17.5	23.1	84.7	77.4	202.7	10	.....	S.-Cu. NE	5	Ci.-S.	Cu. NE
22..	NE	Calm	Calm	NE	NE	NE	34	38.9	68.9	77	218.8	5	Ci.-S. SW	S.-Cu.	8	Ci.-S. SW	Cu. E
23..	Calm	Calm	Calm	NE	NE	Calm	32.5	28.7	57.4	21.4	140	10	Ci.-S. S	S.-Cu.	8	Ci.-S. SW	Cu. SE
24..	E	Calm	E	NE	NE	E	16.3	36.4	78.6	34.8	166.1	10	A.-Cu.	S.-Cu. E	8	Ci.-S. W	Cu.-N.
25..	Calm	Calm	E	NNE	NE	NE	17.9	36.2	100	55.5	209.6	0	.....	.....	1	.....	Cu.-N.
26..	Calm	Calm	ENE	NE	NE	NE	20.9	86.9	127.1	106.2	341.1	10	.....	Cu.-N. NE	10	.....	S.-Cu. ENE
27..	E	SE	SE	SSE	NE	W	51.8	61.5	69.7	33.2	216.2	10	Ci.-S. SW	Cu.	1	.....	Cu.
28..	W	Calm	S	NE	NE	W	23.9	41.5	80.2	38.3	183.9	5	A.-Cu. E	S.-Cu.	2	Ci.	Cu.
29..	Calm	Calm	S	NE	NE	Calm	26.4	57.6	83.7	52	219.7	10	Ci. E	.....	1	Ci.	Cu.
30..	Calm	E	E	ENE	NE	E	16.7	39.4	74.6	31.1	161.8	10	Ci. NE	.....	7	A.-Cu. SE	Cu.-N.
31..	Calm	Calm	Calm	SE	NE	E	21.7	37.3	77.5	43	179.5	8	.....	Cu.-N. E	1	.....	Cu.
Mean	.....	.....	.....	.....	.....	.....	38.7	56.5	84	58.1	237.3	8.5	.....	.....	6.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,356.8	.....	.....	.....	.....	.....	.....

APARRI.

[ϕ=18° 22′ N; λ=121° 34′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

NOVEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.50	58.75	59.65	57.29	57.28	58.81	58.38	24.8	23.5	29.2	30	27.9	26.1	26.9	31.6	22.5	89	90	69	71	81	88	81.3	.....
2..	58.01	59	59.74	57.80	58.09	59.48	58.69	25	24	29.1	30.5	28	25.9	27.1	31.5	23	90	91	70	68	77	85	80.2	.....
3..	59	59.76	60.70	58.53	59.36	60.56	59.65	24.6	23.9	29.1	30.4	27	27	27	31.5	23.7	90	92	72	72	84	78	81.3	.....
4..	60.01	60.73	61.76	59.77	60.36	61.96	60.76	25	24	29.4	30.7	27.2	26.6	27.2	31.8	23.3	88	91	72	65	80	83	79.8	.....
5..	61.06	61.77	62.73	60.84	61.43	61.89	61.62	26.5	25	27.6	25	25	25	25.7	29.3	23.7	82	92	84	92	88	88	87.7	9.2
6..	61.26	61.46	62.71	60.74	61.80	62.97	61.82	24.1	25	28.9	30	26.5	25.5	26.7	31	23	97	92	76	71	83	88	84.5	6.6
7..	61.57	61.81	62.97	61.25	61.62	62.71	61.99	25	24	26	25.6	25.5	25.2	25.2	29	23.4	88	95	88	88	92	92	90.5	8.1
8..	61.91	62.66	64.05	62.27	61.86	62.74	62.58	24.3	23.4	24	23.4	23.6	23	23.6	25.4	21.8	94	95	95	93	93	96	94.3	22.8
9..	61.41	61.26	61.79	59.18	59.59	60.33	60.59	23.4	25	27.4	27	25	24.7	25.4	29.1	22.6	95	87	75	79	92	94	87	7.4
10..	58.37	59.03	59.91	58.15	58.77	60.58	59.14	24.5	24.6	27.4	25.9	24.1	24.1	25.1	28.3	23.7	92	93	85	93	96	95	92.3	43.2
11..	59.13	60.06	61.58	60.11	61.08	62.63	60.76	24	24	23.7	23.7	23.6	23.6	23.8	24.5	22.5	95	95	85	81	81	80	86.2	3.6
12..	61.76	62.36	63.43	60.92	61.86	63.24	62.26	23.1	23.3	24	24	23.7	23.3	23.6	26	21.7	82	80	82	79	77	79	79.8	6.6
13..	62.16	62.59	63.58	61.35	61.63	62.51	62.30	22.6	24	25.1	26.5	25	25	24.7	28.2	21.3	86	78	83	74	74	73	78	.5
14..	61.28	61.33	61.99	59.28	59.44	60.11	60.57	25	24.5	25.9	26.9	25.3	25	25.4	28.3	23.5	73	78	80	77	81	83	78.7	.8
15..	59.19	59.38	60.76	58.48	58.81	60.76	59.56	25	25	24	26.6	24.5	24.2	24.9	28.1	23.2	83	83	88	72	76	78	80	5.8
16..	59.81	60.13	61.48	60.02	60.63	61.41	60.58	24	24	24.5	24.5	24	24.3	24.2	25	23	81	81	72	71	70	71	74.3	36.8
17..	60.19	60.81	61.58	59.21	59.47	60.32	60.26	23.8	23	23.5	26.1	25	24.1	24.2	27.5	21.3	77	83	90	76	77	82	80.8	4.9
18..	59.39	59.96	60.44	58.39	59.38	60.11	59.61	23.6	22.7	26.5	27.2	25	25.2	25	28.4	21.8	86	92	79	75	77	76	80.8	.....
19..	59.05	59.20	60.42	58.55	59.43	60.26	59.48	25	24.9	26.3	25.8	24.5	24.8	25.2	28.6	24	76	76	71	77	87	82	78.2	9.6
20..	59.95	60.54	61.61	60.36	61.46	62.76	61.11	24	23	23.6	23.5	22.5	23	23.3	25	22	91	90	86	87	87	83	87.3	7.4
21..	62.31	62.69	63.59	61.91	62.39	63.43	62.72	22.6	22.4	23.4	22.9	23	23.1	22.9	24.6	21.6	88	92	85	92	91	90	89.7	5.4
22..	62.03	62.22	63.12	60.96	62.13	62.63	62.18	23.1	23.2	25.6	24.9	22	22.2	23.7	27.5	21.8	92	91	87	88	93	95	91	21.3
23..	61.16	61.23	62.59	59.70	60.03	61.36	61.01	23.1	24	26.1	26.8	24.2	24.2	24.7	28	22	92	91	83	81	90	90	87.8	2
24..	60.61	61.03	61.71	59.39	60.75	62.35	60.97	24	23	24.1	24.4	24.7	24.2	24.1	25.9	22.6	90	95	96	91	83	83	89.7	19.8
25..	60.81	61.08	62.16	60.11	60.41	60.37	60.82	24.1	24	25.4	24.3	23.7	23.1	24.1	26.4	22.7	81	80	77	86	94	96	85.7	15.2
26..	60.01	60.19	61.35	59.35	59.97	60.53	60.23	23	22.8	23.9	24.1	23.9	23.2	23.5	24.8	22	96	96	97	96	92	94	95.2	23.4
27..	59.68	59.87	60.81	58.65	59.45	60.73	59.86	23	22.8	23.6	23.4	23.1	23.2	23.2	24.7	22.3	95	97	96	88	89	91	92.7	46.5
28..	60.32	60.52	61.90	60.28	60.57	61.91	60.92	23.5	23.8	23.7	23.4	23.5	23.1	23.5	24.3	22.6	90	90	94	96	94	96	93.3	47.3
29..	61.19	61.38	63.01	61.77	62.24	63.74	62.22	23	23.1	23.3	23.3	23.5	23.1	23.2	23.8	22.3	97	96	96	94	90	94	94.5	30
30..	61.96	61.86	62.48	60.42	61.12	61.83	61.61	23.5	23.1	24.3	24.4	23	23.3	23.6	25.6	22.3	92	94	88	87	91	90	90.3	15.7
Mean	60.44	60.82	61.85	59.83	60.41	61.50	60.81	24	23.8	25.6	25.8	24.6	24.3	24.7	27.5	22.6	88.3	89.2	83.4	82	85.3	86.4	85.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	399.9

Day.	Wind.												Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.			
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.		
													Upper.	Lower.		Upper.	Lower.	
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*			
1..	Calm	E	SE	NE	NE	Calm	26.6	48.6	71.8	30.1	177.1	0	.....	.....	2	A.-Cu.	SE	Cu.
2..	Calm	E	SE	NE	NE	Calm	30.1	45.1	57.3	43.8	176.3	10	Ci.	SE	1	Ci.		Cu. SE
3..	Calm	Calm	NE	NE	E	E	23.1	43.1	104.6	63.1	233.9	2	.....	.....	8	Cu.	E	Cu.-N. SE
4..	Calm	Calm	E	NE	NE	NE	23.9	39.4	110	109.4	282.7	7	.....	S.-Cu. E	8	Ci.-S.	SW	Cu.
5..	E	E	NE	SE	Calm	Calm	70.6	87.1	61.2	54.1	273	10	.....	S.-Cu. E	10	.....		N. E
6..	E	E	E	NE	NE	NE	31.4	57.7	133	111.2	333.3	10	A.-Cu.	SE S.-Cu. E	10	.....		Cu.-N. E
7..	E	E	ENE	ESE	ENE	ENE	58.4	119.1	147.5	122	447	10	.....	S.-Cu. NE	10	.....		Cu.-N. E
8..	SE	NE	NE	Calm	Calm	Calm	40.5	85.6	21.4	13.1	160.6	10	.....	N. NE	10	.....		N. ENE
9..	NE	NE	NE	NE	NE	NE	65.7	103	102.2	60	330.9	4	A.-Cu.	SE Cu. E	10	.....		S.-Cu. ENE
10..	NE	Calm	E	NE	NE	NE	91.4	32.8	103.8	132.8	360.8	10	A.-Cu.	SE S.-Cu. E	10	.....		Cu.-N. NE
11..	NE	NE	NE	NE	NE	NE	263.9	260.7	199.5	199.5	923.6	10	.....	N. NE	10	.....		Cu.-N. NE
12..	NE	NE	NE	NNE	NE	NE	195.7	166.3	146.4	123.6	632	10	.....	S.-Cu. NE	10	.....		Cu.-N. NE
13..	NE	NE	NE	NE	NE	NE	111	121	137.6	134.4	504	10	.....	Cu.-N. NE	10	.....		Cu.-N. NE
14..	NE	NE	N	NNW	N	NE	107.5	93.6	70.2	68.4	339.7	10	A.-Cu.	E S.-Cu. NE	9	.....		Cu.-N. NE
15..	N	NNE	N	N	N	N	89.9	91.7	98	137.8	417.4	10	A.-Cu.	SW S.-Cu. NE	10	.....		Cu.-N. N
16..	NE	NE	NE	NE	NE	NE	189.1	217.2	186.6	144.2	737.1	10	.....	Cu.-N. NE	10	.....		Cu.-N. NE
17..	NE	NE	E	E	NE	E	82.9	119.1	86.7	79.9	368.6	10	.....	N. NE	10	.....		S.-Cu. NE
18..	NE	Calm	Calm	NNE	NNE	NE	74.6	48.3	114.6	115.6	353.1	10	.....	Cu.-N. NE	7	Ci.-S.		Cu. NE
19..	NE	NE	NE	NNE	N	NE	103.2	109.4	149.9	136.5	499	10	.....	S.-Cu. NE	10	.....		S.-Cu. NE
20..	NE	NE	NE	NNE	NNE	NNE	194.7	214	202.7	216.6	828	10	.....	N.	10	.....		S.-Cu. NE
21..	NE	NE	NE	NE	NE	NE	195.3	183.4	173	176.8	728.5	10	.....	N. NE	10	.....		N. NE
22..	NE	NE	NE	NE	E	Calm	149.1	123.1	100.3	37.6	410.1	10	.....	S.-Cu. NE	10	.....		S.-Cu. E
23..	NE	NE	NE	NE	NE	E	110.4	102.4	100.8	75.3	388.9	10	.....	S.-Cu. NE	10	.....		S.-Cu. ENE
24..	E	Calm	NE	NE	NE	NE	23.1	84.3	149.5	140.8	397.7	10	.....	Cu.-N. E	10	.....		S.-Cu. NE
25..	NE	NE	NE	NE	NE	NE	127.1	93.9	108.4	66	395.4	10	.....	S.-Cu. E	10	.....		S.-Cu. ENE
26..	Calm	ENE	NE	Calm	Calm	Calm	14.5	25.1	31.9	15.8	87.3	10	.....	N.	10	.....		N.
27..	NE	Calm	NNE	NNE	NE	NE	9.4	84	249.4	240.4	583.2	10	.....	N.	10	.....		S.-Cu. NE
28..	NE	NE	NE	NE	NE	NE	198.2	195.3	172.8	126.8	693.1	10	.....	N. NE	10	.....		N. NE
29..	NE	NE	NE	NE	NE	NE	146.1	170.6	160.1	151.5	628.3	10	.....	N.	10	.....		N. NE
30..	NE	NE	NE	NE	NE	NE	120.1	154.2	141.6	150.3	566.2	10	.....	Cu.-N. NE	10	.....		S.-Cu. NE
Mean	.....	.....	.....	.....	.....	.....	98.9	110.6	123.1	109.2	441.9	9.1	.....	.....	9.2	.....		.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13,256.8	.....	.....	.....	.....	.....		.....

APARRI.

[ϕ=18° 22′ N; λ=121° 34′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

DECEMBER, 1917.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	60.68	60.54	61.50	59.14	59.93	62.18	60.66	23.2	23.2	23.6	23.7	23	22.3	23.2	24.2	22	91	93	96	97	93	96	94.3	11.3
2..	61.22	61.57	62.41	60.01	60.58	61.83	61.27	22.1	22	23.5	25	23.1	23.3	23.2	26.1	21.3	95	95	92	87	95	94	93	1.8
3..	61.09	61.34	62.70	61.26	61.81	63.23	61.90	23.2	23	25.4	26.5	24	24.5	24.4	27.3	22.2	94	93	81	76	86	82	85.3	6.6
4..	62.88	63.56	64.32	62.65	63.11	64.03	63.42	23.5	22.6	24.9	24.4	24	23.6	23.8	26.5	21.8	89	93	78	84	81	82	84.5	19.1
5..	62.93	62.73	63.17	61.71	62.12	63.16	62.64	22.4	23.5	23.1	23.6	23.5	22.9	23.2	24.3	21.3	88	91	94	87	84	88	88.7	3.3
6..	61.36	61.82	62.36	59.85	60	28 61.36	61.17	22.8	22.1	22 4	23.6	23.5	23.2	22.9	24	5 21.8	91	96	96	86	84	85	89.7	14.5
7..	60.21	60.41	61.38	59.16	59.98	60.71	60.31	21.8	20.7	22.8	22.5	22	21.8	21.9	23.8	20.1	93	94	85	82	82	84	86.7	8.4
8..	59.86	59.66	60.89	59.32	60.19	62	60.32	21.4	21.4	21.4	22	21	21.1	21.4	22.7	20.5	88	89	92	84	84	86	87.2	7.4
9..	59.82	60.02	61.12	59.11	59.68	61.03	60.13	20.9	21.4	22.5	22.5	23	22.4	22.1	23.3	20	92	92	94	95	97	96	94.3	4.3
10..	59.87	59.96	61.26	59.20	59.60	60.86	60.12	22.5	22.6	23.3	23.6	23	23	23	24.5	22.2	94	90	83	85	90	90	88.7	2.1
11..	59.18	58.88	59.91	57.43	57	95 59.29	58.77	23	23	24.5	25.9	23.8	23.4	23.9	27	21.8	91	91	88	85	93	95	90.5	3.5
12..	58.38	58.74	60.07	58.26	59.03	60.21	59.12	22.8	22.5	25.9	26.9	24	23.5	24.3	27.8	21.9	95	96	86	80	88	91	89.3	.....
13..	59.33	59.58	60.76	58.29	58	48 59.97	59.40	23	22.6	24.9	27.9	24.8	24	24.5	28.6	22.2	93	95	88	75	88	88	87.8	.....
14..	59.10	59.40	60.56	58.29	58.91	60.37	59.44	22.6	21.5	25.2	28.9	25.5	25.2	24.8	29.8	20.9	93	94	90	74	88	87	87.7	.....
15..	60.17	60.76	62.17	60.03	60.99	62.43	61.09	23.4	23.3	24.4	24.4	23.2	23.3	23.7	25.4	22.2	90	89	81	83	81	80	84	5.1
16..	61.16	60.37	61.25	58.87	59.48	59.71	60.14	22.7	22	24	26	23	23.5	23.5	27.7	21.5	88	93	86	79	91	87	87.3	1
17..	59.51	59.66	60.60	58.78	59.70	61.03	59.88	23	22	25.5	25.5	23.6	23.5	23.8	27.9	21.8	90	96	85	87	93	89	90	11.6
18..	60.83	61.42	62.90	61.22	62.46	63.38	62.04	23.3	24	24.5	24	22.5	23	23.6	26.4	22.3	85	80	82	83	87	83	83.3	8.3
19..	62.26	62.98	64.32	62.46	62.97	63.78	63.13	22.2	22	22.9	21	9 22	21.7	22.1	23.7	21	89	91	87	92	89	92	90	17.3
20..	62.11	62.31	63.44	60.93	61.36	62.47	62.10	21.3	21.4	22.8	22.9	22.6	22.4	22.2	24	20.7	94	93	88	89	86	88	89.7	1.3
21..	61.16	61.42	62.11	59.43	59.81	60.91	60.81	22	22	24.5	25	23.9	23.8	23.5	26.6	21.8	91	92	81	82	80	84	85	85.5	.....
22..	60.01	60.14	61.49	59.21	59.73	61.21	60.30	23.2	22.6	25.9	26	24.9	24.2	24.5	27.1	22.2	90	93	81	83	84	88	86.5	1.5
23..	59.90	60.03	61.36	59.37	60.53	62.38	60.60	23.8	23.1	23.8	24	22.5	22	23.2	25.2	21.6	89	90	93	93	94	93	92	37.6
24..	61.58	61.76	62.89	60.17	60.53	61.80	61.46	21.5	21.3	21.9	22.1	21.5	20.6	21.5	22.8	20.2	94	92	87	88	90	92	90 5	20.9
25..	61.70	61.55	62.80	60.24	60.38	61.33	61.33	20.6	20.1	20.5	20.8	20.9	19.9	20.5	21.6	19.3	90	91	91	88	86	91	89.5	9.5
26..	60.74	60.60	61.82	60.03	60.88	61.79	60.98	19.9	19.8	21	20.8	20.3	20	20.3	21.5	19.3	91	92	87	88	84	85	87.8	12.3
27..	61.12	61.69	63.57	61.89	62.18	63.58	62.34	19.2	19	19	19.5	18.5	17.7	18.8	20 2	17.5	88	88	86	80	80	85	84.5	11.5
28..	62.58	62.06	63.38	61.13	61.14	62.27	62.09	17.4	18.7	19.4	19	6 19.5	19.6	19	20.2	17.2	86	85	87	89	86	85	86.3	13.9
29..	61.72	61.84	63.45	61.33	61.50	62.59	62.07	19.7	19	19	19.8	19.1	19	19.3	21.2	18.2	84	90	95	83	89	90	88.5	24.8
30..	62.30	62.48	64.30	62.75	63.28	64.66	63.30	18.8	18.6	18.4	19	18	18.1	18.5	19.6	17	90	92	91	81	90	89	88.8	12.6
31..	63.78	63.63	65.07	62.05	62.03	63.65	63.37	18.1	18.4	18.3	21	19.8	19.5	19.2	21 4	17.2	89	86	91	81	81	84	85.3	2.3
Mean	60.92	61.06	62.24	60.12	60.66	61.91	61.15	21.8	21.6	22.9	23.5	22.4	22.1	22.4	24.6	20.7	90.5	91.4	87.8	84.6	87.4	88.1	88.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	273.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	NE	NE	NE	NNE	NNE	139.4	94.3	147.8	163.5	545	10	.....	N. NE	10	.....	N.
2..	NNE	NE	NE	NNE	NE	NE	93.3	62.8	100.6	95.8	352 5	10	.....	N. NE	10	.....	Cu.-N. NE
3..	NE	NW	NE	NNE	NE	NE	78.6	50.9	80.2	86.9	296.6	10	.....	S.-Cu. NE	9	.....	Cu.-N. NE
4..	NE	NE	NE	NE	NE	E	163.8	157.7	139.2	123.4	584.1	10	.....	N. NE	10	.....	S.-Cu. NE
5..	Calm	NE	NE	NE	NE	NE	69.2	163.8	172.2	149.4	554.6	10	.....	N. NE	10	.....	Cu.-N. NE
6..	NE	NE	N	NNE	NE	N	144.5	150.3	136.5	104.6	535.9	10	.....	N. NE	10	.....	N. NE
7..	NW	W	NNE	NNE	NNE	NE	69.2	84	180.2	136.8	470 2	10	.....	Cu.-N. NE	10	.....	Cu.-N. NE
8..	NE	NE	NE	NE	NE	NE	120.4	133.9	162.5	133.6	550.4	10	.....	Cu.-N. NE	10	.....	N. NE
9..	NE	NNE	NE	NNE	NNE	NE	89.5	140 6	146.4	188.6	565.1	10	.....	N.	10	.....	N. NE
10..	NE	NNE	NNE	NNE	NE	NE	198.4	192.3	171.2	155.1	717	10	.....	Cu.-N. NE	10	.....	S.-Cu. NE
11..	NE	NE	NE	NE	NE	E	125.5	126.6	114.1	68.2	434.4	10	.....	S -Cu. NE	8	.....	S.-Cu. ENE
12..	Calm	Calm	E	ENE	NE	Calm	17.9	39.1	88.8	22.2	168	10	A.-Cu. N	S.-Cu. E	5	.....	Cu.-N. SE
13..	Calm	NE	E	E	E	E	19	35.4	70.2	43.1	167.7	10	.....	S.-Cu.	1	.....	Cu.-N.
14..	S	S	Calm	SSE	NE	E	24.1	28.4	52.1	28.7	133.3	0	.....	.....	1	.....	Cu.
15..	NW	NNE	NE	NE	NE	NE	116.5	201.7	207.6	183.1	708.9	10	.....	Cu.-N. NE	10	.....	Cu.-N. NE
16..	NE	ENE	E	NE	NE	NE	151	93	110	58.5	412.5	10	.....	Cu.-N. NE	10	.....	S.-Cu. E
17..	NE	Calm	NE	N	NE	NE	19 9	34.4	85.3	103	242.6	10	.....	S.-Cu. E	7	.....	Cu.-N. NNE
18..	NNE	NE	NE	NE	NE	NE	186.6	179.4	193.9	197.9	757.8	10	.....	S.-Cu. NE	10	.....	Cu.-N. NE
19..	NE	NE	NE	NE	NE	NE	181.2	188.9	170.6	146.4	687.1	10	.....	N. NE	10	.....	N. NE
20..	NE	NE	NE	NE	NE	NE	146.4	148.1	138.1	130.7	563.3	10	.....	N. NE	10	.....	Cu.-N. NE
21..	E	E	E	NE	NE	NE	82.7	97.6	127.4	71.8	379.5	10	.....	S -Cu. E	10	.....	S.-Cu. E
22..	NE	Calm	NE	NE	NE	NE	45.1	29.3	67.6	119.1	261.1	10	.....	S.-Cu. SE	10	.....	S.-Cu. SE
23..	NE	NE	NE	NE	NE	N	104.9	113	138.4	215.9	572.2	10	.....	N. NE	10	.....	N. NE
24..	NNE	NNE	NNE	NE	NE	NE	192.1	192.1	169.1	166.5	719 8	10	.....	N.	10	.....	N. NE
25..	NE	NE	NE	NE	NE	ENE	178.4	162.7	159.3	156.1	656.5	10	.....	N.	10	.....	N. NE
26..	ENE	NE	NE	NE	NE	NE	109.4	141.6	156.7	193.4	601 1	10	.....	N.	10	.....	Cu.-N. NE
27..	NE	NE	NE	NNE	NE	NE	203	180 7	158.5	137.1	679.3	10	.....	N. NE	10	.....	N. NE
28..	NE	NE	NE	NE	E	NE	86.9	124.2	120.7	94.3	426.1	10	.....	N. NE	10	.....	Cu.-N. NE
29..	NE	NE	NE	NE	NNE	NE	98.8	112.7	112.7	61.8	386	10	.....	N. NE	10	.....	Cu.-N. NE
30..	NW	NE	NE	NE	NE	NE	48.6	177	156.7	165.7	548	10	.....	N.	10	.....	Cu.-N. NE
31..	NE	NE	NE	NE	NE	E	136 8	133.6	106.2	74	450.6	10	.....	N. NE	10	.....	S.-Cu. ENE
Mean	.....	.....	.....	.....	.....	.....	111	121.6	133.6	121.8	488	9.7	.....	.....	9.1	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15, 127.2	.....	.....	.....	.....	.....	.....

METEOROLOGICAL OBSERVATIONS MADE AT THIRD CLASS AND RAIN STATIONS DURING THE CALENDAR YEAR 1917.

JOLO.

[ϕ=6° 03′ N; λ=121° 00′ E; barometer above sea, 5.9 meters; gravity correction not applied, —1.93 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	56.94	55.94	23.6	29.1	94	70	Calm	wbyN 2	4	5	.....
2..	57.65	56.81	23.5	29	95	75	Calm	Calm	5	6	0.5
3..	58.03	57.25	26.8	25.5	80	89	NNW 2	NNE 4	6	10	7.1
4..	57.98	57.61	26.9	29	84	78	NE 3	NE 3	10	6	.....
5..	59.56	59.58	22.9	24.6	96	89	Calm	Calm	6	10	11.7
6..	59.41	58.34	22.9	28.4	97	70	Calm	NNE 2	7	7	.....
7..	59.03	58.16	25.6	28	85	78	NE 1	NE 1	9	9	19.6
8..	59.32	59.07	23.9	27.7	92	78	Calm	NE 1	10	10	.....
9..	59.96	59.51	23.3	28.4	96	74	Calm	NNE 2	9	7	.....
10..	59.67	58.75	24.4	28.7	92	75	Calm	NNE 2	9	9	.....
11..	58.67	58.11	25.9	29	85	75	NEbyN1	NNE 2	10	9	.5
12..	57.97	57.07	24.8	28.8	93	76	Calm	NNE 3	10	7	.5
13..	57.24	57.07	23.9	28.3	96	78	Calm	NNE 1	8	5	.....
14..	57.60	56.82	23.6	28	97	81	Calm	NNE 3	10	8	.....
15..	57.49	56.67	26.6	27.9	88	79	NNE 3	NNE 1	9	9	.....
16..	56.53	56.20	26.4	27.7	89	79	NNE 1	NEbyN 1	10	10	.3
17..	56.82	56.02	26.2	28.2	87	77	NE 2	NE 3	10	10	.8
18..	56.04	55.45	24.2	24.3	93	94	Calm	Calm	10	10	41.4
19..	56.24	55.23	23.4	27.8	97	83	Calm	Calm	10	9	1
20..	55.91	55.60	23.4	29.2	92	72	Calm	SSW 1	6	10	.5
21..	56.19	56.43	23	25.5	94	90	Calm	Calm	7	9	38.4
22..	56.84	55.94	23	29	98	77	Calm	wbyN 1	7	6	.....
23..	57.65	55.97	24.1	27.3	93	78	NNE 1	NNE 1	10	9	13.7
24..	56.64	56.15	24.1	28.5	92	78	Calm	NNE 2	10	6	4.6
25..	56.64	56.49	22.7	28	93	76	Calm	NW 1	4	10	4.6
26..	57.31	56.87	21.9	27.5	96	83	Calm	NNE 1	7	9	2.5
27..	57.02	56.11	22.5	27.3	96	83	Calm	Calm	8	9	.....
28..	56.09	55.94	23.3	27.5	96	84	Calm	NNE 1	10	10	.5
29..	56.50	56.53	23.7	24.9	92	91	Calm	WSW 1	7	10	21.1
30..	57.34	56.60	24.1	27.3	94	76	Calm	W 1	10	10	1.5
31..	57.16	56	23.6	27.8	95	79	Calm	NNE 1	8	10	.....
Mean	57.53	56.91	24.1	27.7	92.5	79.5	0.5	1.4	8.3	8.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	170.8

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	56.98	55.89	22.9	28.7	96	77	Calm	NNE 2	4	6	.....
2..	56.17	55.46	25.8	28.8	86	74	NE 1	WSW 1	7	9	8.9
3..	56.37	56.26	24	27.1	92	83	Calm	Calm	10	10	15
4..	57.96	57.83	22.6	27.8	94	78	Calm	NW 1	10	10	.1
5..	58.68	58.42	22.8	28.4	89	68	Calm	NE 2	10	10	.....
6..	58.73	58.56	23.6	27.9	95	78	Calm	NNE 1	10	9	.....
7..	59.07	58.41	23.7	27.4	95	82	Calm	N 2	10	9	13.7
8..	59.18	58.22	23.2	28.2	96	74	Calm	NE 2	10	9	.....
9..	59.01	58.51	22.6	27.7	97	85	Calm	NNE 1	5	9	.....
10..	58.34	57.70	23.2	27.6	95	82	Calm	NNE 2	6	9	.3
11..	58.11	57.77	22	28.2	94	77	Calm	Calm	4	5	.8
12..	59.02	58.67	23.3	26.1	94	84	Calm	N 3	10	10	27.7
13..	58.37	57.71	25.6	28.1	86	79	NNE 2	NNE 2	8	5	.....
14..	57.90	57.49	23.6	25.8	95	85	Calm	Calm	10	10	12.2
15..	58.99	58.10	22.9	26.4	95	88	Calm	NE 1	10	10	3.5
16..	58.81	57.54	23	28.2	97	82	Calm	Calm	10	7	.....
17..	58.30	57.27	22.9	27.1	96	82	Calm	Calm	10	10	15.5
18..	56.86	56.24	22.4	25.7	92	85	Calm	Calm	10	9	3
19..	56.25	56.01	21.8	26.2	93	86	Calm	NNE 1	8	9	8.6
20..	57.26	57.27	22.5	23.8	95	94	Calm	Calm	6	10	25.1
21..	58.09	57.70	22.4	25.5	96	87	Calm	Calm	6	5	1
22..	58.22	57.70	21.8	29.2	95	72	Calm	wbyN 1	2	3	.....
23..	57.44	56.42	22.9	28.5	96	73	Calm	Calm	6	9	.....
24..	56.62	56.19	24	25.2	96	91	Calm	Calm	10	8	28
25..	56.41	55.23	22	28.4	96	78	Calm	NbyE 1	7	6	6.9
26..	55.72	54.90	24	26.7	91	82	Calm	Calm	10	9	2
27..	55.33	54.55	23.2	28.2	94	82	Calm	NbyE 1	4	4	.....
28..	55.01	54.92	22.8	28	94	76	Calm	Calm	4	6	25.4
29..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.61	57.03	23.1	27.3	93.9	80.9	0.1	0.9	7.8	8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	198.6

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	55.86	55.01	22.8	28.7	97	73	Calm	NNE 2	4	5	.....
2..	55.35	54.71	23.5	28	96	79	Calm	NNE 2	3	9	.....
3..	55.71	55.07	24.1	29.2	96	76	Calm	NE 1	10	9	1.3
4..	55.19	54.86	23	24.5	94	87	Calm	S 1	9	8	38.1
5..	56.24	54.67	23.6	28.2	95	78	Calm	W 1	10	3	7.6
6..	56.13	55.02	24	28.7	95	80	Calm	NE 2	10	8	.8
7..	55.84	54.94	23.8	29	95	77	Calm	NNE 1	7	5	.....
8..	55.12	54.35	23.6	29.3	95	68	Calm	NE 2	7	7	.....
9..	55.12	55.19	24.1	27.9	95	73	Calm	Calm	7	10	.....
10..	56.27	55.12	24	28.9	94	74	Calm	NNE 1	9	8	.3
11..	55.79	55.78	24.9	26.6	89	87	S 1	Calm	10	10	9.9
12	56.05	56.06	22.9	26.5	90	73	Calm	SSE 1	10	10	2.8
13..	56.33	55.60	23.9	27.4	91	73	Calm	Calm	10	10	.....
14..	56.33	57.23	22.5	29.9	94	67	Calm	wbyN 1	6	4	.....
15..	58.03	56.56	23.8	29.2	94	76	Calm	NE 3	7	6	.....
16..	57.58	57.05	24	27.4	93	86	Calm	Calm	3	9	9.7
17..	57.89	56.67	23.4	28.8	96	77	Calm	NNE 2	8	6	.....
18..	57.64	57.38	22.7	28.3	96	79	Calm	W 1	5	8	.....
19..	57.41	56.65	22.9	28.5	95	77	Calm	Calm	6	8	8.4
20..	57.54	56.85	24.2	30.3	92	60	Calm	S 1	10	8	14.7
21..	58.20	58.06	23.9	26.4	96	79	Calm	Calm	9	9	.....
22..	58.42	58.08	23.1	28.5	97	78	Calm	NNE 1	7	5	.....
23..	57.98	57.48	26.6?	28.5	82?	79	NNE 2	NNE 2	5	7	.....
24..	57.84	56.75	23.6	29.3	95	73	Calm	W 1	9	6	.3
25..	57.73	57.28	23.5	27.7	95	84	Calm	Calm	6	8	.3
26..	57.69	57.07	21.7	27.5	93	78	Calm	W 1	5	7	.....
27..	58.29	58.39	22.5	28.5	96	78	Calm	NEbyN1	5	9	.....
28..	58.73	58.55	24.1	28.9	95	74	Calm	NNE 1	8	8	.....
29..	58.97	58.86	23.9	27.4	93	77	Calm	S 1	10	10	.3
30..	58.97	57.58	24.7	26.4	92	86	Calm	Calm	10	6	.5
31..	58.33	57.35	23.4	28.9	95	75	Calm	NNE 1	6	8	.....
Mean	57.05	56.46	23.6	28.2	93.9	76.8	0.1	0.1	7.5	7.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	95

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.23	57.16	23.4	27.3	93	79	Calm	Calm	6	8	1.8
2..	57.64	56.67	22.3	27.8	94	86	Calm	SSW 1	6	7	2.3
3..	57.28	56.49	23.2	27.8	93	81	Calm	Calm	9	10	3.5
4..	57.29	56.80	22.4	28.8	92	74	Calm	Calm	7	8	15.2
5..	57.71	56.67	23.4	28.9	94	74	Calm	Calm	10	9	.....
6..	56.91	56.82	23.4	28	93	77	Calm	Calm	9	9	.....
7..	57.12	56.45	22.9	25.5	92	84	Calm	SSW 1	6	10	4
8..	56.33	55.82	23.3	25.9	91	92	Calm	SSW 1	9	9	23.6
9..	56.98	56	23.4	28.1	95	83	Calm	wbyN 2	7	7	2
10..	57.15	56.51	23.6	25.8	95	84	Calm	Calm	9	9	24.4
11..	56.18	55.41	23.5	28.1	97	74	Calm	Calm	8	9	.....
12	56.19	55.87	24	25.8	94	86	Calm	Calm	10	10	10.9
13..	56.75	56.73	23.8	28	94	81	Calm	WNW 2	7	10	1.8
14..	58.05	57.60	23.3	29	96	70	Calm	Calm	9	7	1
15..	58.44	56.47	23.3	28.8	92	74	Calm	NbyE 1	7	7	.....
16..	57.31	56.19	23.3	26.9	92	84	Calm	Calm	4	8	.5
17..	57.74	56.69	24.1	24.1	91	91	Calm	Calm	7	9	28
18..	57.55	56.37	22.9	28.2	96	77	Calm	Calm	7	6	.....
19..	57.30	56.02	23	27.6	95	79	Calm	Calm	7	10	59.9
20..	56.35	55.67	22.9	26.3	94	85	Calm	Calm	6	8	37.1
21..	55.93	55.59	23.5	27.4	96	80	Calm	W 1	10	10	13.2
22..	55.99	55.78	24.4	24.3	91	91	Calm	Calm	10	10	40.1
23..	55.38	55.57	24	26.3	95	91	Calm	Calm	4	9	11.7
24..	57.05	56.35	23.5	28.4	95	75	Calm	W 1	9	9	.....
25..	57.38	56.67	24.5	29.1	89	77	Calm	Calm	10	9	.....
26..	56.76	56.23	23.3	29.7	92	73	Calm	W 1	4	6	.....
27..	56.89	56.24	23.5	29.3	91	72	Calm	W 1	9	6	.....
28..	56.90	55.95	24	28.9	92	74	Calm	W 1	9	6	.....
29..	56.60	55.46	24	29.9	94	71	Calm	Calm	3	5	.3
30..	56.15	55.86	24.8	24.9	90	92	Calm	Calm	7	10	34.8
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	56.98	56.27	23.5	27.5	93.3	80.4	0	0.4	7.5	8.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	316.1

JOLO.

[ϕ=6° 03′ N; λ=121° 00′ E; barometer above sea, 5.9 meters; gravity correction not applied, —1.93 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.21	55.85	23.4	30	92	74	Calm	W 1	5	7	.....
2..	56.92	55.97	24.5	27.1	94	83	Calm	W 1	9	10	19.3
3..	56.93	55.84	25.1	28.3	93	74	Calm	NNW 2	10	10	25.4
4..	57.75	56.63	23.4	28.1	95	72	Calm	WSW 1	10	10	5.1
5..	57.63	57.59	24.9	24.9	87	89	W 1	Calm	10	10	57.9
6..	57.56	56 32	23.8	28.4	95	77	Calm	Calm	10	9	.....
7..	57.20	56.38	23	29.2	95	76	Calm	NW 1	8	7	.....
8..	57.43	56.55	23.5	29	95	78	Calm	wbys 1	2	8	10.7
9..	58.31	56 95	24.1	29.2	94	76	Calm	NW 1	10	9	.8
10..	58.07	57.47	24.2	24.8	93	92	Calm	Calm	10	8	2.5
11..	57.90	56.31	23.9	28.3	95	77	Calm	W 1	10	9	3.3
12..	58.04	57.47	24.8	27.3	92	78	Calm	S 1	10	9	.5
13..	58.24	57.18	23.3	30	94	66	Calm	sbyw 2	8	7	.....
14..	59.32	57 63	23.8	28.4	94	82	Calm	NbyE 2	5	6	13.3
15..	59.44	58.51	23.3	26	94	86	Calm	Calm	8	10	3.5
16..	58.92	57.51	22.6	27	95	86	Calm	W 1	6	6	38.1
17..	57.99	57	24.2	29.9	94	77	Calm	E 2	5	6	4.9
18..	58.16	57.21	23.5	29.6	95	76	Calm	E 2	4	5	.....
19..	57.64	56.27	24.8	29.4	92	77	Calm	W 1	9	4	6.1
20..	57.04	56.40	24.3	27.5	91	78	S 1	W 1	9	10	.....
21..	57.46	56.10	23.4	26.7	96	88	Calm	Calm	5	8	16.5
22..	57.52	56.40	22.9	29.6	94	76	Calm	NbyW 2	4	4	.....
23..	58.49	57.68	23.4	28.6	93	77	Calm	W 2	8	4	.....
24..	58.13	57.58	23.3	29 3	90	72	Calm	W 1	6	6	.....
25..	57.71	57.19	22.8	28.1	92	72	Calm	Calm	4	6	4.1
26..	57.91	56.74	23.1	29.2	94	73	Calm	NEbyN 2	7	7	.....
27..	58.15	57.57	23.6	26.7	94	88	Calm	N 2	9	9	3
28..	57.67	57.28	24.4	27.4	92	74	Calm	W 1	10	10	.....
29..	57.95	56.63	23.9	27.7	92	81	Calm	NNE 4	7	10	6.6
30..	57.58	57.29	23.9	28.1	92	72	Calm	WNW 1	9	9	.5
31..	57.68	56.87	24.5	30 4	92	62	Calm	SSE 2	5	6	6.1
Mean	57.87	56.92	23.8	28.2	93.2	77.7	0.1	1.2	7.5	7.7	.....
Total	.....	.....	....	....	....	....	.....	.....	.....	....	228.2

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.42	56.72	24.9	27.5	94	87	Calm	ENE 1	8	10	37.3
2..	56.67	55.91	25.9	26.8	90	90	Calm	Calm	10	8	18.5
3..	56.53	55.24	24.5	29.5	87	75	Calm	W 1	10	7	8.1
4..	56.28	56.08	23.3	25.4	91	92	Calm	Calm	4	9	16.3
5..	57.06	57.24	23.9	27	96	83	Calm	Calm	6	6	13.4
6..	57.77	57.68	24.3	28.9	94	76	Calm	Calm	9	7	.6
7..	57.66	57.46	23.5	24.5	93	96	Calm	WSW 1	10	10	55.6
8..	58.14	57.44	23.4	28.6	91	68	Calm	S 1	10	8	.....
9..	58.52	57.76	24	26.3	91	85	Calm	SSE 1	10	9	3.6
10..	58.68	57.65	23.9	27.3	92	70	Calm	W 1	8	9	.....
11..	57.19	56.16	22.8	28.5	90	71	Calm	S 1	3	9	.....
12..	56.61	56.01	24.3	27.3	91	78	Calm	SSE 1	7	10	15.7
13..	57.23	55.51	23.8	30.4	92	63	Calm	S 2	8	4	3.6
14..	57.17	57.07	23.4	24.2	94	91	Calm	Calm	6	10	41.7
15..	58.19	57.58	23	28.2	96	80	Calm	WNW 1	4	5	3.1
16..	57.66	56.87	24.1	28.9	96	71	Calm	WSW 1	6	9	.....
17..	57.07	56.33	23.6	26.8	94	85	Calm	Calm	7	10	4.3
18..	57.41	57.65	23	24.9	95	85	Calm	Calm	9	10	66.3
19..	59.09	58.53	21.4	27.7	92	76	Calm	ENE 1	7	8	.....
20..	58.77	57.98	24.2	30.1	90	69	Calm	S 2	8	5	.....
21..	58.53	57.95	23.5	25	95	90	Calm	Calm	3	10	38.4
22..	57.88	57.21	23.3	27.4	94	76	Calm	W 2	6	9	.5
23..	57.44	56.58	23	29.5	94	72	Calm	NNW 1	10	5	.....
24..	58.28	57.91	23.3	28.6	93	66	Calm	NW 1	10	8	.....
25..	57.66	56.57	22.8	28.7	93	72	Calm	W 1	8	8	2.5
26..	57.76	56.64	23.8	27.9	92	79	Calm	NE 2	9	9	.....
27..	57.02	56.91	24	31.3	92	60	Calm	SSE 2	7	5	.....
28..	58.62	57.30	25.5	30.9	90	66	Calm	SSE 2	5	6	.....
29..	58.73	57.17	24.7	31.1	90	60	Calm	S 3	9	9	.3
30..	57.66	57.56	23.7	23.5	90	94	Calm	Calm	10	10	59.4
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.69	57.02	23.8	27.8	92.4	77.5	0	1	7.6	8.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	389.2

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.23	57.19	23.8	26	93	88	Calm	Calm	8	9	6.9
2..	57.89	56.81	23.3	29.5	92	68	Calm	S 2	5	6	5.1
3..	57.80	56 93	22.4	28.9	95	74	Calm	NNE 2	6	10	2
4..	57.52	56.16	24.7	28.4	86	74	Calm	W 2	9	10	3.8
5..	56.85	56 10	23.7	29.3	93	69	Calm	W •1	9	10	1.3
6..	56 52	56.35	23.7	26.1	95	86	Calm	Calm	8	10	10.4
7..	56.61	55.66	24.5	28.9	87	77	Calm	NNE 1	4	7	2
8..	56.54	56 23	22 9	25.3	93	89	Calm	W 1	10	10	6.9
9..	56.85	55.58	24.3	29.1	93	74	Calm	NW 1	10	5	2.3
10..	56.36	55.33	23.9	27.8	95	81	Calm	NNW 1	9	8	.....
11..	56.82	55.56	23	29.4	95	77	Calm	NW 1	9	7	.....
12..	56.43	55.26	23.3	28.5	95	80	Calm	NNW 1	9	8	.....
13..	56.37	55.25	23.8	28.8	93	71	Calm	Calm	10	10	.....
14..	55.80	54.69	24 7	28.5	91	83	Calm	SSW 1	10	10	16
15..	55.71	55.27	23 9	27.2	92	80	Calm	NNE 1	9	10	88.6
16..	57.09	56.68	24.4	27.5	87	74	WSW 3	wbys 2	10	10	.....
17..	56.47	56.09	27?	28 8	81	74	wbyN 2	NNE 1	8	9	.....
18..	56.94	55 87	23.5	28.9	92	72	Calm	W 1	7	8	3.6
19..	57.37	56.85	25	24.9	91	88	Calm	S 1	10	10	3.1
20..	57.23	57.54	23.9	25.6	94	86	Calm	SEbys 1	10	10	3.8
21..	57.42	56.84	24.3	28.4	96	77	Calm	W 3	10	9	.....
22..	58.63	57.52	24.8	29.1	92	74	Calm	NNE 2	10	5	.5
23..	59.94	58.70	24.1	27.2	91	80	Calm	Calm	10	10	.8
24..	59.56	58.22	23	29.4	94	74	Calm	W 1	7	8	.....
25..	58.93	57.31	23.4	29.3	93	72	Calm	W 2	4	6	.....
26..	58.56	57.20	24 3	28.5	91	78	Calm	Calm	2	5	.5
27..	57.63	56.78	23.5	29	94	73	Calm	S 1	8	7	.....
28..	57.65	56.66	25.8	29.9	90	66	Calm	S 3	10	6	.....
29..	57.94	56.82	25.3	28.4	90	74	Calm	S 3	9	8	.....
30..	58.20	57.67	24.8	28.3	92	81	Calm	NW 1	8	8	37.6
31..	58.82	57.54	24.3	28.6	86	72	Calm	sbyw 3	10	9	.5
Mean	57.41	56.54	24.1	28.2	91.7	77	0.2	1.3	8.3	8.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	195.7

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.43	57.34	24	26.5	94	86	Calm	Calm	4	9	3.1
2..	58.17	57	24	30.1	91	73	Calm	ENE 1	3	6	.5
3..	57.35	56.86	24.5	29 2	92	61	Calm	S 2	8	9	.....
4..	57.46	57.23	24.3	26.5	92	82	Calm	Calm	10	10	1
5..	57.73	56.41	22.8	31.3	94	52	Calm	S 2	2	4	.....
6..	57.96	56.43	23.8	29.4	92	68	Calm	Calm	6	10	3.6
7..	57.21	56.07	23.4	28.2	94	80	Calm	Calm	7	7	9.1
8..	56.29	55.84	23	28.9	93	73	Calm	N 1	9	6	39.1
9..	57.04	56.49	22 8	28	96	81	Calm	WNW 1	9	7	.3
10..	57.67	56.91	23.6	29.3	94	75	Calm	WNW 1	7	7	6.9
11..	57.49	56.58	23.5	29.5	94	69	Calm	sbyE 1	10	10	1.3
12..	57.57	56.38	24.4	29.5	92	69	Calm	S 2	10	6	4.6
13..	58.02	56.29	24.1	28.3	91	78	Calm	NW 1	10	6	.3
14..	57.07	56.43	23.6	25.5	94	90	Calm	S 1	3	9	4.5
15..	57.22	55.97	23.3	29.9	94	75	Calm	NNE 1	9	7	11.7
16..	56.48	55.78	23.6	29.5	94	70	Calm	S 2	7	7	.....
17..	56.33	55.28	23.6	30.4	93	66	Calm	sbyw 3	10	5	3
18..	56.67	55.84	25.4	29.9	91	71	Calm	sbyw 3	10	9	1.8
19..	57.48	57.17	24.1	28.3	94	82	Calm	NE 1	9	10	5.1
20..	57.81	57.12	24.3	28.3	91	78	Calm	S 1	10	10	1.8
21..	58.18	58.03	25.2	24.6	88	92	Calm	WSW 2	10	10	78.3
22..	58.68	57 90	22.8	25.7	92	86	Calm	Calm	2	8	21.3
23..	58.72	58.34	24.8	27	91	80	Calm	W 1	9	8	3.3
24..	59.37	59.18	23.5	26	94	90	Calm	W 1	10	9	11.7
25..	59.65	58.71	23.4	23.8	95	96	Calm	Calm	8	10	98.6
26..	58.38	57.32	22.9	25.6	95	88	Calm	Calm	10	10	27.5
27..	57.71	57.19	23.7	27.3	94	84	Calm	Calm	3	6	8.6
28..	58.62	58.06	23.3	26.2	95	86	Calm	Calm	8	10	2.3
29..	57.93	57.07	23.4	27.6	89	83	Calm	W 1	7	10	55.4
30..	56.77	55.45	24.4	28.3	94	77	N 3	WSW 3	10	10	4.3
31..	55.57	54.90	25.7	30.3	85	63	Calm	wbys 3	10	10	24.4
Mean	57.65	56.82	23.8	28	92.6	77.5	0.1	1.1	7.7	8.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	433.4

JOLO.

[ϕ=6° 03′ N; λ=121° 00′ E; barometer above sea, 5.9 meters; gravity correction not applied, —1.93 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.84	57 11	22.4	27 2	92	72	Calm	SSW 4	10	10	11.9
2..	56.86	57.34	26.6	24.4	84	88	S 3	S 6	10	10	4.3
3..	57.51	55.96	23.6	29.7	93	72	Calm	sbyw 2	7	7	7.6
4..	56.95	55.59	24.5	27.7	94	82	Calm	NNE 2	10	10	1.3
5..	57.08	56.26	24.6	26	92	83	Calm	S 1	9	8	.3
6..	57.86	57.01	23.9	29 6	93	74	Calm	Calm	6	6	.....
7..	57.95	56.69	24.9	28.3	92	75	Calm	NW 1	10	10	21.6
8..	57 37	56.30	23.1	27.9	93	68	Calm	Calm	10	10	.....
9..	56.76	56.71	24.8	25 3	90	88	Calm	S 1	4	10	10.4
10..	57.64	57.15	22.9	26 3	95	86	Calm	Calm	7	10	2
11..	57.89	57.38	22.4	26.9	92	83	Calm	Calm	6	9	4.3
12..	58.34	56.77	22.4	27	95	79	Calm	Calm	4	8	24.2
13..	57.76	56.54	24.5	30.1	92	64	Calm	SE 2	9	5	.....
14..	57.44	57.15	26.4	30.8	79	60	SSE 1	S 2	7	9	6.1
15..	58.38	57 29	23.4	29	89	73	Calm	NE 4	10	9	4.1
16..	57.47	56.10	23 3	29 4	96	76	Calm	NNE 1	8	4	2.3
17..	57.32	56.61	23.4	28.9	91	67	Calm	sbyw 2	9	10	.....
18..	58.33	57.13	22.8	28 4	93	74	Calm	NNE 1	5	9	.5
19..	58.29	56.85	23	28.5	94	73	Calm	Calm	4	8	.3
20..	57.58	56.99	23.3	25 5	94	87	Calm	Calm	8	10	17
21..	57.99	57.46	22.9	26 8	95	88	Calm	Calm	5	10	17.3
22..	59.06	58.33	22 9	25.7	94	91	Calm	Calm	6	9	21.1
23..	58.14	57.44	22.4	26.9	93	81	Calm	Calm	1	8	3.6
24..	58.23	56.96	24	26.7	94	84	Calm	Calm	7	10	9.9
25..	57.33	55.89	22.8	29	94	73	Calm	Calm	7	9	.....
26..	56 74	56.19	22.9	29.4	92	72	Calm	Calm	1	7	4.8
27..	57.83	57.20	23.6	27.3	94	84	Calm	Calm	6	10	.3
28..	57.75	56.43	23.9	30.4	94	66	Calm	S 2	10	8	.....
29..	57.91	56.51	23.7	29.2	93	70	Calm	NEbyN 1	10	8	.8
30..	57.77	57.30	23.6	24	95	91	Calm	Calm	4	6	37.3
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.71	56.82	23.6	27.7	92.4	77.5	0.1	1.1	7	8.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	213.3

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.51	57.82	23.7	26.9	93	81	Calm	W 3	10	10	2
2..	58.76	57.38	23.8	28.3	94	75	Calm	W 2	10	10	.....
3..	58.26	57.15	24.3	28.4	89	75	Calm	W 2	6	8	.....
4..	57.97	56.90	24.2	28.4	87	72	Calm	W 3	5	9	8.4
5..	57.55	56.81	25.6	29.3	84	62	Calm	WSW 2	10	10	.....
6..	57.10	55.61	24.9	27.5	87	68	Calm	SSW 1	9	10	13.2
7..	57.25	55.93	25.9	28.8	90	76	Calm	swbys 2	10	10	.....
8..	57.75	56.68	24.4	29.5	89	70	Calm	S 2	8	9	.....
9..	58.73	57.17	24.7	30	88	65	Calm	S 3	10	9	10.2
10..	59.56	58.07	23 4	27.9	91	74	Calm	W 1	10	10	.5
11..	58.61	56.89	22.8	28.9	94	73	Calm	NEbyN 1	5	6	2.5
12..	58.49	56.94	25.3	26.9	95	84	W 1	Calm	10	10	2
13..	59.17	57.54	23.9	27.4	92	84	Calm	NNE 1	10	10	.3
14..	58.59	58.05	23.1	24.4	94	90	Calm	Calm	9	10	8.9
15..	58.43	56.89	22.9	27.5	95	77	Calm	sbyE 2	8	9	1.3
16..	57.62	55.56	23.2	29.4	95	74	Calm	W 1	9	6	.....
17..	56.26	54.34	23.8	28.5	95	74	Calm	Calm	3	9	3
18..	55.79	54.60	23.5	28.5	96	78	Calm	Calm	1	6	.....
19..	56.43	55.57	23.8	27.5	94	85	Calm	Calm	8	10	1.3
20..	57.32	56.05	23.6	27.4	95	78	Calm	W 1	9	9	2
21..	57.24	56.44	22.9	25.1	93	90	Calm	wbys 1	10	10	32
22..	57.97	57.02	23.5	23.7	94	93	Calm	Calm	10	10	45.4
23..	58.21	56.61	23.8	26.4	94	86	Calm	Calm	10	10	.8
24..	57.67	56.53	23.3	27.4	94	73	Calm	Calm	8	9	22.1
25..	57.91	56.20	24.2	28.4	96	77	NE 1	N 1	10	10	7.1
26..	56.96	55.79	23.8	27.9	92	74	Calm	W 2	9	10	9.1
27..	57.15	55.57	25.6	28.2	87	75	W 3	WNW 3	10	7	19.8
28..	57.43	57.01	23.4	26.8	93	74	Calm	WSW 2	10	10	.....
29..	57.85	57.06	24.1	28.8	96	76	Calm	W 4	10	8	2.8
30..	57.13	55.88	23.4	28.9	95	76	Calm	NNE 1	6	5	.....
31..	56.42	55.25	24	29.2	91	74	Calm	Calm	9	6	.8
Mean	57.74	56.49	24	27.8	92.3	76.9	0.2	1.3	8.4	8.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	195.5

NOVEMBER.

	mm	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	55.57	55.39	23 2	24.5	94	89	Calm	Calm	6	10	15.2
2..	56.47	54.95	23.5	26.5	94	82	Calm	Calm	10	9	7.4
3..	55.57	55 09	23.8	28.9	91	70	Calm	S 2	9	8	.....
4..	55.93	56 21	24.6	28.4	91	74	Calm	W 3	9	9	.....
5..	56.90	56.03	25.9	27.1	88	83	Calm	NNE 2	10	10	10.7
6..	56.62	56.64	25.6	24.1	89	91	NW 1	W 2	10	10	37.1
7..	57.67	56.37	22.4	28.3	96	74	Calm	NNE 1	9	9	.....
8..	57.87	56.13	24.1	28.8	96	74	Calm	NNE 3	10	4	.....
9..	56.59	55.80	26.8	27.8	86	82	NNE 1	W 2	7	10	10.9
10..	56.57	55.67	23.5	29.6	96	69	Calm	W 3	4	6	.....
11..	57.06	56.11	23 8	29.9	95	71	Calm	W 2	5	7	.....
12..	58.47	56.87	24	27.4	95	77	Calm	W 1	7	9	.....
13..	58.79	56.77	27.6	29.1	85	76	NW 2	NNW 4	10	6	44.7
14..	57.32	56.27	25.5	26.4	88	84	NWbyN 4	NW 3	10	10	121.2
15..	56.36	54.81	24.2	24.4	88	88	NW 1	wbys 4	10	10	45.4
16..	55.98	55.35	24.5	28.4	84	65	WSW 3	WSW 4	9	10	.8
17..	57.71	56.01	24 4	30.1	88	58	Calm	SSW 2	7	5	.....
18..	57.23	56.05	25.3	29.2	88	79	Calm	W 2	7	7	1.3
19..	57.71	56.58	24 4	29.3	91	71	S 1	NNE 1	10	9	.....
20..	58.57	57.27	23.8	27.4	93	81	Calm	W 1	7	8	4.8
21..	58.25	57.17	22.8	29.1	95	76	Calm	NNE 1	1	4	1.8
22..	58.20	57.03	24.9	28	96	82	Calm	W 1	10	10	7.3
23..	57.29	55.68	26.6	26.8	86	82	NW 2	NNW 1	10	10	.3
24..	56.08	55.34	23.3	29.4	95	70	Calm	W 2	9	5	.3
25..	57.14	55.79	23.5	27.9	95	75	Calm	S 1	10	10	5.1
26..	57.22	56.33	23.8	27.1	95	80	Calm	W 2	7	10	17.5
27..	57.88	56.25	24.3	28.9	86	72	Calm	sbyE 2	10	8	.....
28..	58.34	57.52	22.7	29.4	97	68	Calm	Calm	5	6	.....
29..	59.07	58.38	23.5	28.3	96	79	Calm	NNE 2	7	8	2.5
30..	58.88	57.94	23.9	29.1	97	74	Calm	NNE 2	6	6	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.31	56.26	24.3	28	91.8	76.5	0.5	1.9	8	8.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	334.3

DECEMBER.

	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.79	58.11	22.5	25.1	93	88	Calm	Calm	7	9	17.5
2..	58.72	57.57	23 5	28.9	96	71	Calm	Calm	7	8	.5
3..	58.37	57.90	23.4	26.6	96	83	Calm	Calm	8	9	.....
4..	58.49	57.43	22.8	26.4	96	89	Calm	Calm	6	9	18.3
5..	57.79	56.53	22.9	29.1	95	74	Calm	N 1	7	6	1.8
6..	56.30	54.68	26.8	28.4	86	82	NNE 1	NNE 1	10	7	20
7..	54.82	53.90	23.3	27.3	97	83	Calm	wbyN 2	10	10	1.5
8..	54.56	53.51	24	26.8	96	86	Calm	Calm	10	8	20.6
9..	55.98	55.55	23	30.2	96	66	Calm	S 2	6	4	.....
10..	56.87	55.16	23.4	31	95	58	Calm	S 2	5	4	.....
11..	56.27	55.07	24	28.4	93	74	Calm	NE 2	10	10	27.2
12..	56.23	56.34	23.7	25.8	94	88	Calm	Calm	9	9	1.8
13..	56.95	56.79	22.8	24.9	94	88	Calm	Calm	9	10	6.1
14..	57.44	56.64	22.6	27.8	94	81	Calm	W 1	4	9	19.6
15..	57	56.12	24	28.2	94	78	Calm	NNE 1	10	9	10.5
16..	56.18	55.75	23.5	28.1	96	79	Calm	NNE 1	9	10	.....
17..	56.26	55.74	23.5	26.4	91	82	Calm	Calm	10	10	16.8
18..	57.57	56.60	23.5	27.8	90	76	Calm	NNE 1	10	10	.8
19..	57.13	56.77	23.3	28	96	80	Calm	W 1	9	9	.....
20..	56.65	55.60	22.4	26.3	92	82	Calm	W 1	8	9	24.1
21..	56.82	55.45	22	26.3	94	87	Calm	Calm	8	7	1.8
22..	56.35	55.72	22.8	28.8	96	79	Calm	NNE 2	6	8	.....
23..	55.96	55.82	27	25	87	89	N 1	Calm	10	10	6.9
24..	56.17	55.32	25.8	27.5	84	80	NNE 3	NE 1	10	10	.....
25..	56.24	55.20	23.4	26.5	95	86	Calm	NNW 1	10	9	1
26..	55.51	54.94	25.9	27.8	84	76	W 1	W 2	10	6	2.3
27..	55.51	54.17	24	28.3	91	74	Calm	SSW 2	9	6	.....
28..	55.38	54.95	24.1	25.8	94	88	Calm	SSW 1	9	10	3
29..	56.15	56.32	24.7	26.4	92	84	Calm	SSW 1	10	10	16.3
30..	56.67	55 81	24.3	29.1	87	70	Calm	sbyw 1	9	9	.....
31..	56.97	56.57	24.5	27.4	90	82	Calm	W 2	9	8	15.2
Mean	56.65	55.87	23.8	27.4	92.7	80.1	0.2	0.9	8.5	8.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	233.6

DAVAO.

[ϕ=7° 01′ N; λ=125° 35′ E; barometer above sea, 4 meters; gravity correction not applied, —1.91 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.76	56.52	22.5	31.5	97	63	Calm	Calm	6	6	.....
2	58.79	56.92	21	29	95	74	Calm	Calm	5	6	.....
3	59.90	56.66	22	32.5	96	58	Calm	Calm	5	6	.....
4	59.60	57.96	21.5	31.6	95	65	Calm	NE 1	5	6	3.8
5	60.67	60.21	22.5	25.5	96	84	NE 1	NE 2	8	10	8.4
6	60.97	59.47	22	28.5	96	70	NE 1	NE 1	9	9	.....
7	59.74	59.14	23	25.5	91	92	Calm	Calm	9	10	61
8	61.08	61.28	22	24	99	96	Calm	Calm	10	10	19
9	62.81	59.52	23	30.5	96	65	NE 1	NE 2	9	6	6.6
10	61.39	59.76	23	25	96	92	N 1	NE 1	10	9	3.3
11	59.95	57.89	22	30.5	99	65	Calm	NE 1	6	6	.8
12	59.59	58.08	23	28.5	96	78	Calm	Calm	10	6	7.1
13	59.33	58.14	21.5	28.5	97	78	Calm	NNW 2	8	7	.....
14	58.65	56.68	22.5	29.5	96	71	Calm	Calm	5	6	.....
15	58.27	56.54	22.5	29	96	74	Calm	Calm	5	6	.....
16	57.39	56.03	23	29	96	74	Calm	Calm	9	8	11.4
17	57.55	56.03	23	29.5	97	75	Calm	NE 2	10	6	44.4
18	57.50	54.92	22.5	30.5	96	72	Calm	NE 1	5	6	15.7
19	57.94	55.92	22.7	30.2	98	72	Calm	Calm	6	5	.....
20	57.67	56.18	22.5	31.5	96	66	Calm	Calm	5	6	.....
21	57.72	56.38	22.5	30.7	96	67	Calm	Calm	5	5	.....
22	57.92	55.30	22.5	31.5	96	63	Calm	SE 1	6	5	11.4
23	58.32	55.86	22	32.3	96	70	Calm	NE 1	6	5	.....
24	57.97	56.13	22.5	30	96	69	Calm	Calm	5	6	.....
25	58.15	56.70	23.5	31.5	97	63	Calm	Calm	8	6	.....
26	57.99	57.33	22	29.5	96	68	Calm	Calm	8	8	.....
27	58.40	56.22	21.5	30.5	95	62	Calm	Calm	5	5	.....
28	58.02	56.52	22.5	28.5	96	78	Calm	Calm	6	7	.....
29	58.02	56.48	21.5	30	95	67	Calm	ENE 1	6	7	.....
30	58.17	56.89	22.5	29	95	68	Calm	ENE 2	5	8	2.5
31	58.54	56.98	22	28.5	96	70	Calm	Calm	9	7	.....
Mean	58.96	57.25	22.3	29.4	96.1	71.9	0.1	0.6	6.9	6.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	195.4

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.16	55.43	22	31.5	96	66	Calm	NE 1	6	5	8.4
2	57.65	56.66	22	25	96	96	Calm	Calm	6	10	8.9
3	58.07	57.29	22.5	29	97	68	Calm	Calm	9	7	.....
4	59.73	58.46	22	26.5	96	80	Calm	NE 1	5	9	.....
5	60.34	59.65	23	28	91	70	Calm	Calm	9	8	.....
6	60.67	60.31	23	24.5	91	96	Calm	Calm	10	10	7.6
7	60.65	59.43	22.2	26.5	98	80	Calm	Calm	10	10	2.5
8	60.46	59.13	22	29	99	78	Calm	Calm	7	7	.....
9	60 41	58.49	22.5	30	96	68	Calm	ENE 1	6	5	3.8
10	60.43	58	21.5	30.5	95	62	Calm	Calm	6	5	.....
11	59.77	58.08	23	30.5	91	62	Calm	SE 2	5	6	.....
12	60.65	58.34	22	30.5	96	62	Calm	ENE 1	5	6	.....
13	59.96	57.72	22	31	96	62	Calm	ENE 2	5	6	.....
14	59.68	59.28?	24	29	96	74	Calm	ENE 1	8	7	.....
15	60.51	58.74	22.5	26	98	88	Calm	Calm	8	9	6.4
16	60.12	59.28	22	28.5	96	78	Calm	Calm	10	9	.....
17	59.47	56.52	22	30.5	96	68	Calm	Calm	6	5	2.5
18	58.59	55 98	22.5	30.5	96	71	Calm	Calm	6	5	.....
19	58.05	56.36	22	32	96	63	Calm	Calm	5	6	.....
20	59.76	56.95	22.5	31.5	96	66	Calm	Calm	5	5	.....
21	59.63	57.57	21.5	32.5	95	63	Calm	NNE 1	5	5	.....
22	59.73	57.38	22	31	96	69	Calm	NE 2	5	6	5.1
23	59.04	56.48	22	32	96	60	Calm	SE 2	5	6	.....
24	58.07	56.73	22	32	96	54	Calm	Calm	5	5	.....
25	57.97	55.56	22.5	31	96	62	Calm	NE 1	6	5	.....
26	57.77	55.93	22	28.5	96	74	Calm	Calm	6	5	.....
27	57.23	55.17	21	30.5	95	65	Calm	E 2	5	8	.....
28	56.13	55.93	21.5	29.6	92	71	Calm	ENE 2	5	6	.....
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.24	57.53	22.2	29.6	95.5	70.6	0	0.7	6.4	6.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45.2

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.32	55.67	22	32.5	...	55	Calm	Calm	6	5	.....
2	56.97	55.32	22.5	30.5	96	68	Calm	ENE 1	5	6	3.8
3	57.30	56	22.5	28.5	96	76	Calm	Calm	5	8	2.5
4	56.76	55.16	22	27.5	98	84	Calm	Calm	5	9	8.9
5	56 60	55.26	23.1	29.5	99	69	Calm	Calm	5	8	11.7
6	57.63	55.51	23	30.5	97	72	Calm	Calm	6	5	.....
7	57.66	55.63	21	32.5	95	58	Calm	N 2	6	5	.....
8	56.74	54.93	22	31.5	96	66	Calm	Calm	5	8	.....
9	56.55	55.81	22	28	96	77	Calm	Calm	5	6	.....
10	58.15	55.65	23.5	31	96	69	Calm	Calm	8	7	7.6
11	56.66	55.63	23	29	96	74	Calm	NE 2	6	5	11.2
12	57.09	55.77	22.5	29.5	96	75	Calm	NE 1	8	8	.....
13	57.63	56.27	22	30	96	69	Calm	Calm	6	6	.....
14	57.42	57.39	22.5	29.5	96	71	Calm	Calm	5	8	25.4
15	60.40	58.82	21	24	95	96	Calm	Calm	10	10	8.3
16	59.08	57.05	21.7	31	98	63	Calm	Calm	8	5	.....
17	59.13	56.58	21.5	32	95	63	Calm	NE 2	6	6	.....
18	59.04	57.12	22	32.1	96	57	Calm	NE 2	5	6	.....
19	59.21	57.13	23	31.5	96	63	Calm	Calm	5	5	.....
20	59.23	56.70	21.5	31.5	95	60	Calm	Calm	6	5	.....
21	59.61	57.63	22.5	32	96	63	Calm	NE 2	6	5	3.8
22	60.47	57.51	22	33.5	96	53	Calm	NE 1	5	6	.....
23	59.67	57.17	22	32.5	96	60	Calm	ENE 1	5	5	.....
24	59.85	56.85	22	33.9	96	54	Calm	N 1	6	5	.....
25	59.27	57.89	22	29.5	96	68	Calm	NE 2	6	8	.....
26	59.33	56.55	21.5	34	95	53	Calm	NE 1	5	6	.....
27	59.14	58.71	21	31	95	69	Calm	Calm	5	6	.....
28	59.71	59.08	22.5	28.5	96	74	Calm	Calm	5	9	40.9
29	60.63	58.64	22	30.5	98	62	Calm	Calm	6	6	21.8
30	60.52	57.57	22	32	99	63	Calm	ENE 1	6	5	.....
31	59.84	57.57	22	31	96	62	Calm	N 1	5	6	.....
Mean	58.54	56.73	22.1	30.7	96.2	66.6	0	0.6	5.8	6.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	145.9

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.73	57.20	21.5	31.5	95	60	Calm	Calm	5	6	.....
2	58.76	56.66	22.5	30.5	96	68	Calm	NE 1	5	8	9.7
3	58.54	56 60	23	29	96	81	Calm	Calm	5	7	3.8
4	58.61	56.52	22.5	31.5	96	60	Calm	Calm	8	6	50.8
5	59.08	57	23.5	30	97	75	Calm	Calm	5	6	.....
6	58 52	56.89	23	29.5	96	75	Calm	Calm	5	8	8.1
7	58.24	56.03	23	31	96	69	Calm	Calm	5	6	.....
8	57.67	55.45	22.5	31	96	61	Calm	Calm	5	6	.....
9	57.81	56.62	23.5	32	96	63	Calm	N 1	5	6	13
10	58.45	56.15	24	32	96	69	Calm	Calm	5	5	.....
11	57.85	55.57	24	29.5	96	78	Calm	Calm	6	5	3
12	57.59	56.70	23.5	32	96	63	Calm	Calm	5	6	.....
13	58.16	56.68	23	31.5	96	66	Calm	Calm	5	5	.....
14	58.96	57.84	23	32	96	63	Calm	NE 1	8	6	5.1
15	59.38	56.69	23.5	29	96	78	Calm	Calm	5	8	.....
16	58.52	56.25	23	32	96	63	Calm	Calm	5	6	.....
17	58.27	56.35	24	32	96	63	Calm	Calm	5	5	.....
18	58.66	56.17	24	31	96	59	Calm	Calm	5	6	.....
19	58.63	56.91	24	29.5	96	71	Calm	Calm	8	6	.....
20	58.12	55.54	24	32.5	96	63	Calm	Calm	5	8	.....
21	56.97	55.64	22.5	28.5	98	78	Calm	Calm	8	8	7.4
22	57.70	56.56	23	26.5	96	84	Calm	Calm	5	9	6.1
23	57.55	56.01	21.5	30.5	95	68	Calm	Calm	6	8	.....
24	58.15	56.39	23.5	31.5	96	66	Calm	Calm	5	6	.....
25	58.09	56.98	23	32	96	63	Calm	Calm	5	6	.....
26	57.75	56.37	21.5	30.5	95	68	Calm	Calm	5	5	.....
27	57.78	56.48	21	30	95	68	Calm	Calm	6	6	.....
28	58.05	55.25	21.5	31	95	65	Calm	Calm	5	5	.....
29	57.62	55.50	22.5	31.9	96	64	Calm	Calm	6	5	.....
30	57	55.64	23.5	28	96	82	Calm	Calm	5	6	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.21	56.35	23	30.6	95.9	68.5	0	0.1	5.6	6.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	107

DAVAO.

[ϕ=7° 01′ N; λ=125° 35′ E; barometer above sea, 4 meters; gravity correction not applied, —1.91 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.49	56.79	24	28	96	81	Calm	Calm	6	8	.....
2	57.54	55.69	23.5	32.5	96	60	Calm	Calm	5	5	.....
3	57.65	56.62	24	29.5	96	68	Calm	NE 2	6	5	.....
4	58.01	56.70	22	31.5	96	63	Calm	Calm	5	6	.....
5	58.28	56.92	23.5	32	96	67	Calm	E 1	5	6	30.2
6	59.09	57.36	23.5	30	96	71	Calm	SE 1	9	6	5.8
7	58.19	56.69	24	29	96	81	Calm	Calm	5	9	.....
8	58.64	56.74	23	28.5	96	78	Calm	Calm	5	8	.....
9	58.88	57.05	23	31.5	96	63	Calm	Calm	5	8	.....
10	59.18	56.95	23.5	31.5	96	66	Calm	Calm	5	5	13
11	58.48	56.25	23.5	32	96	66	Calm	Calm	5	6	5.6
12	58 96	57.26	23	29.5	96	75	Calm	Calm	9	8	.....
13	58.70	57 34	24	29	96	78	Calm	Calm	10	8	28.2
14	59.76	56.98	24	29.5	96	75	Calm	Calm	6	5	4.3
15	60.31	57.72	22.5	31	96	62	Calm	Calm	5	6	.....
16	59.81	57.97	22.5	31	96	65	Calm	Calm	5	5	.....
17	59.38	57.77	23.5	31 5	96	66	Calm	NE 1	5	6	.....
18	59.48	57.61	22.5	30	96	75	Calm	Calm	5	6	.....
19	58.56	57.22	23	27.5	96	78	Calm	Calm	5	8	5.6
20	57.51	56.47	23.5	30	96	71	Calm	Calm	6	5	16
21	57.57	56	24	31.5	96	63	Calm	Calm	8	5	.....
22	57.96	56.65	22.5	31	96	68	Calm	Calm	5	5	.....
23	58.76	57.57	22.5	31.5	96	63	Calm	Calm	6	5	.....
24	59.22	56.08	21.5	30.5	97	73	Calm	Calm	5	7	11.2
25	58.25	55.60	21.5	31	95	65	Calm	Calm	5	5	31.5
26	58.37	56.88	22.5	30	96	75	Calm	Calm	5	7	4.3
27	58.61	57.35	23	30	96	65	Calm	Calm	5	8	15
28	58.84	56.44	93	27	96	84	Calm	Calm	10	10	3.6
29	58.34	55.89	23	30	96	75	Calm	NE 1	5	6	30.5
30	58.20	56.12	23	30	97	71	Calm	Calm	9	5	.....
31	58.97	57 51	23	31	96	69	Calm	Calm	5	5	.....
Mean	58.61	56.84	23.1	30.3	96	70.3	0	0.2	6	6.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	204.8

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.98	56.53	23.1	31.5	99	66	Calm	Calm	5	5	.....
2	58.14	56.40	24	27.5	96	84	Calm	Calm	6	9	.....
3	57.10	55.75	22	25.5	96	88	Calm	Calm	5	9	.....
4	57.09	56	22.5	31	96	69	Calm	Calm	5	5	.....
5	57.63	56.63	23	31.5	96	66	Calm	Calm	5	5	4.8
6	58.92	56.86	23.5	28.5	96	70	Calm	Calm	8	7	.....
7	58.59	57.64	22.5	30	96	75	Calm	Calm	5	6	.....
8	58.63	57.60	23.5	30.5	96	72	Calm	Calm	5	5	27.9
9	59.29	57.36	22.5	31	96	65	Calm	Calm	5	6	5.3
10	59.03	57.06	23	30	96	71	Calm	Calm	8	6	13
11	58.09	57.19	23	25	96	92	Calm	Calm	6	9	2.8
12	57.60	56.89	22.5	28.5	96	78	Calm	Calm	6	9	5.6
13	58.66	56.07	23	30	97	65	Calm	Calm	5	6	10.2
14	58.64	55.88	22	31.5	97	66	Calm	Calm	5	5	17.8
15	58.17	57.54	22.5	29	96	81	Calm	Calm	6	5	20.3
16	58.54	57.28	23.5	28.5	96	81	Calm	Calm	8	8	3.8
17	57.97	56.64	22.5	30.5	96	72	Calm	Calm	5	6	45.7
18	58.33	58.11	23.5	27	96	80	Calm	Calm	10	9	7.4
19	59.67	58.83	22.5	29	96	68	Calm	Calm	9	6	.....
20	60.02	58.53	22	29	99	76	Calm	Calm	5	7	2.8
21	59.07	57.35	22	30.5	97	65	Calm	Calm	5	5	.....
22	58.11	55.92	23	30	96	68	Calm	Calm	5	6	88.9
23	57.63	55.29	21.7	30	94	68	Calm	Calm	6	5	13.5
24	58.80	57.31	22	27.5	99	79	Calm	Calm	8	8	.....
25	57.70	56.12	23	29.7	96	70	Calm	Calm	8	6	12.7
26	58.37	56.33	23	28.5	96	78	Calm	Calm	9	8	.....
27	58.44	57.21	23	31	96	67	Calm	Calm	5	6	2.5
28	59.71	58.38	22.5	30.5	99	68	Calm	Calm	5	6	.....
29	59.69	57.42	23.5	30	96	75	Calm	Calm	5	6	24.9
30	58.37	56.61	22.5	28.5	97	74	Calm	Calm	5	9	10.2
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.50	56.96	22.8	29.4	96.5	73.2	0	0	6.1	6.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	320.1

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.20	57.40	22.5	26.5	98	84	Calm	Calm	5	8	.....
2	58 40	56 89	22 5	30.2	98	74	Calm	Calm	5	6	.....
3	58.05	56.91	21	30.2	95	70	Calm	Calm	5	6	.....
4	57.76	55.78	22.5	29.5	97	66	Calm	Calm	5	6	50.8
5	57.32	55.92	22 5	29.5	98	73	Calm	Calm	5	6	.....
6	56.52	55.55	22 5	30.9	96	63	Calm	Calm	5	6	3.8
7	56.92	55.98	22.5	29.3	99	83	Calm	Calm	5	8	.....
8	57.36	55.71	23	31	97	68	Calm	Calm	5	5	.....
9	57.07	55.30	22.8	30.4	93	66	Calm	Calm	5	5	5.6
10	57.22	56.14	24.1	27	96	86	Calm	Calm	5	7	15.2
11	57.53	56.41	23.2	30	98	74	Calm	Calm	7	5	12.7
12	57.07	55.23	22.4	30.5	97	68	Calm	Calm	5	5	.....
13	57.50	55.69	23.7	26.6	97	85	Calm	Calm	9	8	16
14	56.15	54.67	23.5	30	97	75	Calm	Calm	5	5	2.5
15	55.77	55.12	22.5	30	96	68	Calm	Calm	5	6	15.2
16	57.20	55.97	23.4	29.9	97	73	Calm	Calm	9	5	13.7
17	57.32	56.39	21.8	29.5	97	73	Calm	Calm	6	5	2.8
18	57.54	56.44	24	30.2	99	74	Calm	Calm	7	5	7.9
19	58.77	56.27	23	30	98	74	Calm	Calm	5	5	13.7
20	58.68	58.27	23.5	26.5	97	91	Calm	Calm	10	9	5.5
21	57.48	57.13	23	30	97	71	Calm	Calm	5	6	21.3
22	59.59	57.64	23.5	29.5	97	80	Calm	Calm	10	6	4.1
23	60.11	58.69	23	30	96	73	Calm	Calm	5	6	.....
24	59.41	58.36	22.5	29.1	96	71	Calm	Calm	5	6	16.8
25	58.74	57.66	22.8	29.7	97	71	Calm	Calm	9	8	.....
26	58.46	56.80	22.3	30.7	97	64	Calm	Calm	5	6	.....
27	57.62	56.47	22.5	30.6	99	65	Calm	Calm	5	6	13.5
28	57.95	56.64	23.4	30.4	92	68	Calm	Calm	5	5	18.8
29	58.04	56.78	23	31	96	73	Calm	Calm	6	5	16
30	58.72	57.87	22.8	29.9	97	75	Calm	Calm	8	5	9.7
31	59.04	57.44	22.8	30	97	71	Calm	Calm	5	6	.....
Mean	57.86	56.57	22.9	29.6	96.8	73.2	0	0	6	6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	265.6

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.03	57.53	22.3	30.5	97	68	Calm	Calm	6	5	.....
2	58.73	57.46	22.6	31	98	67	Calm	Calm	6	5	19
3	57.93	57.04	23.9	30.5	97	72	Calm	Calm	5	5	2.5
4	58.26	57.38	23 4	28.6	97	77	Calm	Calm	9	8	.....
5	58.74	57.16	22.8	30.5	97	65	Calm	Calm	5	6	.....
6	58.76	56.75	22.5	30.5	96	72	Calm	Calm	5	5	.....
7	57.30	55.33	23.5	31.5	96	60	Calm	Calm	6	5	20.8
8	56.88	55.63	23	29.3	96	72	Calm	Calm	6	6	2.5
9	57.55	56.07	23.5	31	96	69	Calm	Calm	5	6	.....
10	57.76	57.21	21.8	31.7	97	68	Calm	S 2	5	5	.....
11	58.34	57.42	23	30	96	78	Calm	Calm	5	8	.....
12	58.39	56.82	23.2	31	98	69	Calm	Calm	5	5	2.5
13	58.83	56.76	23.5	31.9	97	65	Calm	Calm	6	5	.....
14	57.23	55.85	23.1	31.3	96	61	Calm	Calm	5	6	33.3
15	57.20	55.20	23.7	31	94	63	Calm	Calm	5	6	9.9
16	56.56	55.14	23.3	30.8	97	70	Calm	Calm	5	6	7.6
17	56.71	55.70	23	31.2	97	71	Calm	Calm	5	5	3.3
18	57.75	56.57	24	31	96	72	Calm	Calm	7	6	.....
19	57.60	58.13	23.5	25.9	96	88	Calm	Calm	5	10	9.9
20	56.69	57.50	21.8	30.5	97	68	Calm	Calm	8	5	2.5
21	59.51	58	22.5	28.6	96	80	Calm	Calm	5	9	3
22	59.21	57.52	22.5	31.5	97	66	Calm	Calm	5	6	.....
23	58.99	58.04	22.5	30.4	96	72	Calm	Calm	5	6	.....
24	60.59	59.66	23	29.7	97	69	Calm	Calm	5	6	2.5
25	60.19	58.56	23.3	31.7	97	59	Calm	Calm	5	5	.....
26	58.88	57.32	23.5	30.9	96	66	Calm	Calm	9	5	3.8
27	58.37	55.95?	23.8	31.5	97	72	Calm	SE 1	6	5	.....
28	58.83	57.75?	23.5	31.3	97	67	Calm	S 2	8	6	.....
29	57.99	56.25	23	31.5	96	60	Calm	Calm	5	6	.....
30	57.39	54.81	23.2	31	94	59	Calm	Calm	5	6	.....
31	55.98	55.06	23	30.5	96	65	Calm	Calm	5	6	.....
Mean	58.20	56.82	23.1	30.6	96.5	68.7	0	0.2	5.7	5.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	123.1

DAVAO.

[ϕ=7° 01′ N; λ=125° 35′ E; barometer above sea, 4 meters; gravity correction not applied, —1.91 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain in 24 hours beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.81	56.27	23.5	30.6	96	72	Calm	Calm	6	5	27.9
2	59.71	58.22	22.8	26.4	97	82	Calm	Calm	10	9	1.3
3	57.64?	56.37	22.3	30.6	97	69	Calm	Calm	6	7	.....
4	57.27	55.56	24	30	96	71	Calm	Calm	8	6	13
5	58.29	56.40	22.5	27.4	97	77	Calm	Calm	9	8	3
6	58.63	57.14	23.5	31	98	74	Calm	Calm	6	5	9.9
7	58.88	56.43	23.9	30	97	68	Calm	Calm	9	8	47.3
8	57.58	56.48	23	27.9	97	78	Calm	Calm	10	9	7.1
9	57.85	56.81	23.5	31	98	77	Calm	Calm	7	6	14.9
10	58.27	56.07	22.5	30	96	71	Calm	Calm	10	6	8.4
11	58.66	57.63	22.8	30.5	97	68	Calm	Calm	5	7	.....
12	58.71	57.39	22.5	29.6	95	74	Calm	Calm	5	8	6.6
13	59.16	57.54	23	29.7	98	73	Calm	Calm	9	6	.....
14	58.61	57.45	22.3	32	97	69	Calm	Calm	5	6	.....
15	58.62	57.49	22	26.4	96	81	Calm	SSE 2	8	8	.....
16	57.76	55.98	21.3	31.9	97	56	Calm	Calm	5	5	.....
17	57.72	56 26	22.6	30	97	67	Calm	Calm	5	6	.....
18	58.56	57.86	22.4	25.3	93	86	Calm	Calm	5	9	.....
19	58.98	56.62	22	31	98	59	Calm	Calm	9	7	.....
20	58.44	56.62	22.1	31	97	62	Calm	Calm	6	5	3.8
21	58.69	57.48	22.7	31.5	98	72	Calm	Calm	6	5	.....
22	59.67	57.47	23	31.5	96	65	Calm	Calm	5	5	8.9
23	58.86	57.15	23	32	97	65	Calm	Calm	6	5	.....
24	58.73	56	22.6	32.4	95	62	Calm	Calm	5	5	.....
25	57.32	55.32	23.9	32.9	96	61	Calm	Calm	5	5	6.4
26	57.32	55.65	22.5	32	96	68	Calm	Calm	5	5	18.3
27	58.38	56.80	23.5	31.7	97	65	Calm	S 1	6	5	.....
28	58.11	56.86	23	31.5	97	66	Calm	Calm	5	6	.....
29	58.50	56.98	22.1	31	95	68	Calm	Calm	5	5	.....
30	58.48	56.65	22	32	96	63	Calm	Calm	5	5	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.37	56.76	22.8	30.4	96.6	69.6	0	0.1	6.5	6.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	176.8

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain in 24 hours beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.01	57.12	23	29.8	96	75	Calm	Calm	5	7	.....
2	59.16	56.88	23	30	95	70	Calm	Calm	6	6	22.1
3	58.27	56.07	22.9	31 6	97	62	Calm	Calm	6	5	.....
4	58.05	55.64	23.5	28	96	83	Calm	Calm	6	9	.....
5	57.05	55.94	23.5	28.8	97	82	Calm	Calm	8	9	3
6	56.77	55.74	22.5	28.8	96	76	Calm	Calm	5	9	.....
7	57.42	56.07	22.5	29.5	96	72	Calm	Calm	8	8	.....
8	57 67	56.80	22.7	31.8	94	64	Calm	Calm	7	6	.....
9	58.87	57	23.4	31.6	92	72	Calm	Calm	6	6	.....
10	59.46	57.23	23	31	98	71	Calm	Calm	5	6	.....
11	59.79	56.15?	22.6	31.6	96	66	Calm	Calm	5	6	22.9
12	59.45	58.15	23.9	27.5	97	82	Calm	Calm	9	8	.....
13	59.74	58.51	23	26.5	97	84	Calm	Calm	6	9	.....
14	59.76	57.51	22.5	29.3	96	70	Calm	Calm	5	8	2.5
15	59.81	56.70	22.5	32.3	98	60	Calm	Calm	5	5	.....
16	58.81	54.95	22.5	31.4	96	66	Calm	Calm	5	6	7.6
17	56.39	54.66?	22.3	30.9	97	66	Calm	E 2	5	7	.....
18	56.50	54.85	21.5	31	97	69	Calm	Calm	6	5	2.5
19	57.20	55.25	23.5	30.6	96	65	Calm	Calm	5	6	5.1
20	57.68	56.07	24.3	30.2	97	70	Calm	NE 1	5	6	4.1
21	57.99	55.57	23.2	31	97	69	Calm	Calm	5	6	.....
22	58.11	56.71	23	27.3	97	84	Calm	Calm	5	10	24.6
23	58.63	56.47	23	31	98	69	Calm	Calm	7	6	4.6
24	58.28	56.19	23.3	29.5	97	71	Calm	Calm	9	8	.....
25	58.07	55.47	22.7	30.5	96	65	Calm	Calm	5	6	13.2
26	57.53	54.81	23.2	32.8	97	65	Calm	Calm	6	5	.....
27	57.58	54.88	23.9	31.4	96	70	Calm	Calm	6	5	4.3
28	57.81	57.16	23.3	27.8	97	80	Calm	Calm	6	10	.....
29	58.52	56.90	22	29.3	97	73	Calm	NE 1	7	8	.....
30	57.32	56	22.5	30.5	96	68	Calm	NE 2	6	6	.....
31	56.42	54.88	22.5	30	94	67	Calm	Calm	8	6	.....
Mean	58.15	56.20	22.9	30.1	96.3	71.2	0	0.2	6.1	6.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	116.5

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain in 24 hours beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	56.19	54.35	22.4	28.4	96	77	Calm	Calm	8	9	.....
2	56.25	55.09	23.5	29	96	74	Calm	Calm	5	9	.....
3	57.07	55.30	21.8	30.8	97	65	Calm	Calm	5	6	.....
4	57.67	56.16	22.7	27.5	96	88	Calm	Calm	5	9	1.5
5	57.67	56.66	22	25.9	98	91	Calm	Calm	7	10	8.9
6	57.85	57.97?	23.5	25.8	97	91	Calm	Calm	9	10	21.4
7	58.70	56.81	22	30	98	71	Calm	Calm	7	6	2.5
8	58.47	55.63	22	33	98	60	Calm	Calm	5	6	.....
9	56.97	55.10	22.5	31.5	96	65	Calm	Calm	5	6	18
10	57.20	55.30	23.5	32.2	97	63	Calm	Calm	5	6	.....
11	57.31	55.55	23	32.2	96	68	Calm	Calm	5	5	.....
12	57.93	56.68	23	32.5	97	66	Calm	Calm	5	6	.....
13	58.61	55.96	22.9	32.4	96	60	Calm	Calm	6	5	14
14	56.27	54.62	22.8	30.2	97	75	Calm	Calm	8	9	8.9
15	56.10	53.77	23.8	31.6	97	66	Calm	Calm	9	6	3
16	56.72	55.56	22.8	30.9	97	70	Calm	Calm	5	6	.....
17	57.72	55.66	22.5	32	94	63	Calm	Calm	5	6	.....
18	58.88	55.73	21.9	32.6	95	66	Calm	Calm	5	6	.....
19	58.11	56.20	22.9	31.5	92	66	Calm	Calm	6	5	.....
20	58.73	57.07	24.2	29.9	97	80	Calm	Calm	7	9	3.8
21	58.67	56.63	22.1	32.1	98	65	Calm	Calm	6	6	.....
22	58.20	56.03	23.5	29.9	95	78	Calm	Calm	6	6	.....
23	57.61	55.32	23	29.9	96	71	Calm	NE 2	7	6	.....
24	57.03	55.34	23.1	29	97	74	Calm	Calm	8	9	8.9
25	57.39	56.84	23.1	26.8	99	86	Calm	Calm	9	9	3.8
26	58.64	56.83	23.2	30	98	75	Calm	Calm	7	6	.....
27	58.65	56.40	22	31.5	98	59	Calm	Calm	5	6	.....
28	59.22	57.58	22.8	31	97	65	Calm	Calm	5	6	.....
29	59.91	58.02	22.7	31.5	94	57	Calm	Calm	5	6	.....
30	59.96	57.76	22.6	31.4	98	63	Calm	Calm	5	6	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.86	56.06	22.8	30.4	96.6	70.6	0	0.1	6.2	6.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	94.7

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain in 24 hours beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.51	57.28	22.5	30	96	73	Calm	Calm	6	7	2.5
2	59.48	58.02	22.3	28.9	97	78	Calm	Calm	5	8	9.4
3	59.43	57.52	21.5	29.5	99	75	Calm	Calm	6	7	3.6
4	59.23	57.66	21.6	28.6	98	78	Calm	Calm	7	7	.....
5	58.40	56.81	21.3	26.3	97	86	Calm	NE 1	6	9	.....
6	56.60	54.68	21.5	24.8	95	89	Calm	Calm	5	10	15
7	55.39	52.55	22	31.3	96	64	Calm	Calm	5	5	.....
8	55.46	53.97	23.3	30.4	97	69	Calm	Calm	10	5	16.8
9	57.35	55.65	23.5	30.9	96	62	Calm	Calm	5	5	.....
10	58.10	54.53	23.1	32.8	95	62	Calm	Calm	6	5	4.1
11	57.35	55.03	23.5	29	97	77	Calm	Calm	10	7	.....
12	56.67	55.71	22.6	31.4	97	66	Calm	Calm	5	6	1.5
13	57.69	56	22.8	31.3	93	67	Calm	Calm	5	6	.....
14	57.70	56.06	22.5	31.5	96	63	Calm	Calm	5	6	.....
15	58.06	55.74	22	31.5	96	59	Calm	Calm	5	6	.....
16	57.94	55.22	22	29.7	95	70	Calm	Calm	9	9	.....
17	57.14	55.74	22	28.4	97	77	Calm	Calm	10	6	.....
18	58.77	56.61	22	26.9	96	82	Calm	Calm	7	9	.....
19	57.80	56.58	21.5	28.9	95	68	Calm	Calm	9	6	.....
20	57.64	56.85?	22.3	26	97	92	Calm	Calm	7	10	.....
21	58.30	55.07	21.5	31.2	97	62	Calm	Calm	6	5	2.5
22	57.42	55.89	22.5	28.7	96	74	Calm	NE 2	10	9	2.3
23	57	55.89	23	26.6	96	85	Calm	NE 1	10	9	7.4
24	57.12	55.45	22.5	24	96	97	Calm	Calm	10	10	15.8
25	56.74	54.84	22.3	29.4	98	72	Calm	Calm	6	5	.....
26	55.81	54.39	22	29	96	71	Calm	Calm	5	9	.....
27	56.37	54.19	22.6	30	98	62	Calm	Calm	5	6	.....
28	56.29	54.99	24	31	96	63	Calm	Calm	5	6	.....
29	57.26	55.72	23	30.5	95	65	Calm	Calm	5	6	1.3
30	57	55.86	22	30.2	98	62	Calm	Calm	7	6	.....
31	57.40	56.21	23	31.1	95	67	Calm	Calm	5	6	.....
Mean	57.50	55.70	22.4	29.3	96.3	72.2	0	0.1	6.7	7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	82.2

CAGAYAN, MISAMIS.

[ϕ=8° 29′ N; λ=124° 38′ E; barometer above sea, 13 meters; gravity correction not applied, —1.89 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.85	55.97	22.5	29.8	96	71	Calm	NE 2	8	8	.....
2	58.53	56.98	21.4	29.6	89	70	Calm	N 1	0	4	2.5
3	58.99	57.24	21.5	29.5	95	69	S 1	N 2	4	6	.....
4	59.21	57.83	21	30.5	92	63	S 1	NNW 2	4	7	2
5	60.55	59.64	22	28	96	72	S 1	Calm	10	10	.....
6	61.30	59.25	22	29.2	96	64	S 1	NNW 1	10	10	.....
7	59.82	58.48	22	28.8	95	71	S 1	NNW 2	10	10	3.6
8	61.29	60.82	23	24.5	97	91	Calm	Calm	10	10	7.1
9	60.96	59.20	22	29.2	96	69	S 1	NNW 3	10	10	.....
10	60.90	59.93	22.4	25.4	92	91	S 1	N 1	10	10	3.5
11	59.74	58.28	21.3	27.2	97	87	Calm	NNW 1	10	10	3.8
12	59.37	58.30	23	26	98	88	Calm	Calm	10	10	4.6
13	58.34	57.78	22.5	25.5	98	93	Calm	Calm	10	10	1.3
14	58.49	56.99	21.5	28.5	96	78	S 1	N 2	10	10	2.9
15	58.82	56.46	22.2	29	95	71	Calm	N 1	10	9	.....
16	57.70	56.12	23	28	95	82	S 1	NNW 1	10	10	.....
17	58.39	55.99	23.9	28.2	96	80	Calm	NNW 1	10	10	2.8
18	57.14	54.71	22.9	27.9	98	78	Calm	Calm	10	10	1
19	57.42	55.71	23	28.4	98	77	Calm	N 2	3	10	4.1
20	57.27	55.43	22.5	29.4	98	74	Calm	N 2	10	8	.....
21	57.58	55.90	21.6	29.4	95	68	S 1	NNW 2	7	8	.....
22	57.74	55.51	22.1	28.5	94	74	S 1	NNW 2	8	9	2.8
23	58.07	56.09	21.6	28.8	96	74	Calm	N 2	10	10	.....
24	57.49	55.95	22.4	29.4	96	75	Calm	N 2	10	9	3
25	57.53	56.16	23.3	29.1	97	71	Calm	N 2	10	10	.....
26	57.87	56.59	22	29.5	92	68	Calm	N 1	10	5	.....
27	58.30	56.45	20.5	29.3	86	68	S 1	N 2	10	10	.....
28	57.54	56.16	21.4	28.5	92	74	S 1	N 1	10	10	.....
29	57.65	56.33	22	30.2	91	64	S 1	N 1	10	10	.....
30	58.18	56.49	21	30.3	95	59	S 1	N 2	8	10	.....
31	58.19	56.33	22	29.4	92	70	Calm	N 1	8	9	.....
Mean	58.65	57.07	22.1	28.5	94.8	74.3	0.5	1.4	8.7	9.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.68	56.05	21.5	29.1	93	68	S 1	N 3	10	4	1
2	57.59	55.49	21.6	30.1?	98	68?	S 1	NNW 1	10	10	.....
3	57.60	56.80	22.6	28.4	93	71	Calm	N 1	10	10	.....
4	58.63	57.84	22.7	28.2	98	72	Calm	N 1	10	10	.....
5	59.50	58.66	21	27.8	91	70	Calm	Calm	10	10	.....
6	60.01	59.26	21	27.4	86	70	S 1	N 1	10	10	.....
7	59.74	58.43	21.9	28.9	95	68	S 1	Calm	10	10	.....
8	59.98	58.90	21.8	27	93	85	S 1	Calm	10	10	1.3
9	60.09	58.36	21.5	28.8	95	69	S 1	N 1	10	10	.....
10	59.71	57.90	21.2	29.9	93	65	Calm	N 2	10	4	.....
11	59.19	57.62	21	30	93	59	S 1	NNW 2	0	1	.....
12	59.58	58.53	22.5	28.9	90	67	S 1	NNW 2	10	10	.....
13	59.68	57.85	22.3	29.5	94	68	Calm	N 2	10	10	.....
14	58.75	57.12	22.9	29.9	92	69	Calm	N 1	10	10	.....
15	59.67	58.16	21.5	28.2	95	72	S 1	N 1	10	10	.....
16	59.25	57.50	22.5	29.6	94	68	S 1	N 2	10	8	.....
17	58.73	56.89	21.4	29.9	92	68	S 1	N 2	8	7	1.5
18	57.74	55.60	22.5	28.1	92	73	Calm	N 3	8	9	12.4
19	57.48	56.04	21.1	29.4	94	65	Calm	N 1	7	7	1.5
20	58.18	56.85	21.6	29.5	94	68	Calm	NW 3	4	4	1.5
21	59.19	57.47	22.4	28.4	96	77	S 1	NNW 3	7	9	5.8
22	59.49	58.13	21.2	28.8	94	71	Calm	N 2	5	7	2
23	58.55	56.38	22	29	93	73	Calm	N 3	4	7	.....
24	57.40	55.90	21.4	30.9	93	62	Calm	NNW 2	0	1	.....
25	57.28	55.23	21.6	30.9	90	57	S 1	N 2	0	7	.....
26	57.73	54.72	21.5	31.4	94	57	S 1	N 3	0	4	5.1
27	56.37	55.25	19.5	26.6	90	83	S 1	NW 1	0	10	1
28	56.11	54.88	19.4	30.9	88	63	S 1	N 2	0	2	.....
Mean	58.60	57.06	21.6	29.1	93	68.8	0.6	1.7	6.9	7.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33.1

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	56.64	55.33	23	29.9	90	67	Calm	N 2	10	9	.....
2	56.65	55.05	21.5	30.2	91	65	Calm	N 1	10	10	.....
3	56.57	55.25	22.6	29.7	90	67	Calm	N 1	10	10	.....
4	56.19	54.50	22	31	91	57	S 1	N 1	4	3	1.8
5	56.68	54.73	23.5	29.6	96	72	Calm	N 1	10	6	.....
6	57.19	55.38	23.6	31.5	94	65	Calm	N 2	10	4	.....
7	57.07	55.23	22	31.8	82	58	S 1	N 3	2	1	.....
8	56.35	54.25	22	32.5	86	48	SSW 2	N 2	4	6	.....
9	56.22	55.28	21.5	31.2	87	58	Calm	N 2	10	10	.....
10	57.62	55.90	21.8	31	88	58	S 1	N 1	10	10	.8
11	56.72	55.40	23	31	91	59	S 1	N 3	10	10	.....
12	56.67	55.42	22.4	31.3	92	58	S 1	N 1	10	10	.....
13	57.43	56.75	21.6	29	88	71	Calm	N 2	10	10	.....
14	57.05	56.31	22	28.6	91	68	S 1	N 2	10	10	.....
15	59.34	57.88	23.2	30.5	84	62	S 1	N 2	10	10	.....
16	58.73	56.77	23.1	30.9	90	57	Calm	N 2	10	10	.....
17	58.90	57.24	22.3	30.6	88	62	S 1	N 3	10	6	.....
18	58.85	57.42	22.1	31.2	90	56	Calm	N 2	3	0	.....
19	58.38	56.57	22.8	30.9	89	62	Calm	N 4	4	3	.....
20	58.84	57.07	21.3	31	93	61	S 1	N 4	4	3	.....
21	58.93	57.58	22.6	30.6	89	64	Calm	N 2	2	1	.....
22	59.95	58.28	22.5	31	90	62	S 1	N 4	3	3	.....
23	59.34	57.75	23.4	30.6	85	62	Calm	NNW 4	0	1	.....
24	58.96	57.30	21.4	30.9	84	62	S 1	NNW 4	4	2	.....
25	59.19	57.54	20.8	30.5	80	59	Calm	N 4	0	3	.....
26	58.79	56.63	20.5	31.8	82	53	S 1	NNW 3	0	6	.....
27	59.38	58.19	21.7	31.8	80	57	S 1	NNW 2	8	10	.....
28	59.47	58.17	22.6	32	90	58	Calm	N 2	0	10	1.3
29	59.99	58.40	22.4	31.6	91	56	Calm	N 2	1	4	.....
30	60.16	57.63	23.4	30	89	65	Calm	N 2	10	9	.....
31	59.43	57.83	23	31	90	61	Calm	N 2	2	0	.....
Mean	58.12	56.55	22.3	30.8	88.4	61	0.5	2.3	6.2	6.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.9

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.38	57.35	22.1	31.8	84	61	Calm	N 2	1	4	.....
2	58.35	56.30	22.5	31.3	95	64	Calm	NW 4	0	6	.....
3	58.41	56.32	22.9	31.8	91	59	Calm	NNW 2	3	2	.....
4	58.54	56.57	22.6	30.6	86	61	S 1	NNW 2	3	6	.....
5	59.01	57.54	23.3	27.5	85	81	SSE 1	Calm	9	10	2.5
6	58.19	56.84	22.5	31.4	92	65	Calm	NNW 2	10	10	4.8
7	57.94	56.76	22.8	25.8	96	86	Calm	N 1	9	10	2.8
8	58.50	55.62	22.5	30.6	94	65	S 1	N 2	10	7	.....
9	57.03	56.20	23	31.6	90	63	Calm	N 2	9	8	.....
10	57.64	56.17	23.5	31.5	90	63	Calm	N 2	4	7	.....
11	57.20	55.39	22.5	30.5	88	65	Calm	Calm	6	10	.....
12	57.02	55.55	23.3	31.4	91	63	Calm	N 2	10	4	.....
13	57.63	56.88	23.3	30.5	88	65	S 1	N 3	4	8	.....
14	58.61	57.10	23.5	31.8	87	58	S 1	N 3	10	10	.....
15	59.28	56.43	22.4	30.6	86	62	S 1	NNW 3	10	4	.....
16	58.14	55.85	23.5	31.5	90	66	Calm	NW 2	1	6	.....
17	58.02	56.43	24	32.4	83	54	S 1	NNW 3	7	8	.....
18	58.22	56.38	23.5	31.5	83	60	Calm	NNW 2	7	3	.....
19	58.13	56.20	24.5	30.3	87	66	Calm	N 2	9	10	.....
20	57.66	55.17	23.5	33.4	87	58	S 1	N 2	8	1	.....
21	56.73	55.62	24	32.8	83	58	Calm	N 3	2	4	.....
22	57.42	55.94	23.5	32.3	90	59	Calm	N 2	10	10	.....
23	56.44	55.54	22.8	32.5	84	60	Calm	N 2	4	3	.....
24	57.78	56.53	24.1	32.6	86	62	Calm	N 1	8	10	1.5
25	58.32	56.51	23.3	31.4	87	64	Calm	N 2	0	10	.....
26	57.62	56.12	22.8	31.5	86	62	S 1	N 2	8	10	.....
27	57.35	56.23	22.1	31.9	81	56	S 2	N 2	6	10	.....
28	57.84	55.86	23	32.8	85	54	S 2	N 2	2	4	.....
29	57.61	55.23	23.5	32.6	80	57	S 2	N 2	8	4	.....
30	56.68	55.28	24.4	33	83	55	S 1	N 2	8	2	.....
Mean	57.89	56.20	23.2	31.4	87.3	62.4	0.5	2	6.2	6.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.6

CAGAYAN, MISAMIS.

[$\phi = 8°\ 29'$ N; $\lambda = 124°\ 38'$ E; barometer above sea, 13 meters; gravity correction not applied, —1.89 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.76	55.93	24.9	32.8	85	58	Calm	N 2	9	9	5.8
2	57.56	55.48	23.5	30.5	90	71	Calm	NNW 2	4	8	2.5
3	57.44	55.10	23.1	31.3	91	61	S 1	N 2	10	10	1.3
4	57.83	56.59	23.4	32.6	91	57	S 1	N 3	10	8	.....
5	57.72	56.34	23.5	32.2	87	58	SSW 2	N 3	6	2	3.8
6	58.63	56.70	24.4	29	92	75	Calm	N 2	10	10	4.1
7	58.37	56.72	22.9	29.1	88	74	Calm	N 1	7	10	15.7
8	58.32	56.63	23.1	30.5	92	68	Calm	N 2	4	10	4.3
9	59.19	56.47	23.3	31	91	69	Calm	N 3	4	8	14
10	59.34	57	22.9	31.4	91	66	Calm	N 2	9	8	.5
11	58.24	56.37	24	31	90	63	Calm	N 2	9	9	14.7
12	59.03	57.52	22.3	29.5	93	66	Calm	N 1	10	10	.....
13	59.44	57.64	23.7	30.1	89	68	Calm	N 1	7	10	.5
14	59.72	57.73	23.5	30.7	92	70	Calm	N 1	1	10	3
15	59.38	57.95	21.7	30.5	94	67	S 1	N 1	4	4	.....
16	59.44	57.24	23	31.5	88	60	S 1	N 2	7	3	.....
17	59.09	57.41	23.8	31.5	89	63	Calm	N 3	2	9	.....
18	59.67	57.15	23.9	32.9	88	55	Calm	N 1	4	7	.....
19	58.39	56.14	23.4	31.8	85	58	S 1	NNW 2	10	10	.....
20	57.34	56.32	23.3	30.4	89	70	Calm	N 1	10	9	8.6
21	57.53	56.68	23.9	27.8	91	73	Calm	N 1	0	10	.....
22	57.82	57.05	24.3	30.4	89	66	Calm	N 2	8	10	17.3
23	58.87	57.97	22.6	30.5	95	67	S 1	N 2	10	6	15.5
24	59.17	56.54	22.8	30.8	89	63	Calm	N 2	10	10	.....
25	58.58	56.53	24	30.8	87	67	S 1	N 1	9	8	13.2
26	58.67	56.93	23.3	30.6	91	67	S SE 1	NW 2	7	2	.....
27	58.87	57.39	23.6	29.8	90	70	SE 2	N 2	1	10	23.9
28	58.59	56.80	22.2	30.8	93	67	Calm	N 2	8	8	19.8
29	58.35	55.82	22.6	30	94	69	Calm	N 2	10	7	15.5
30	58.38	57.35	23.2	28	96	74	Calm	N 1	10	10	11.2
31	58.48	57.43	22.5	30	95	69	SSW 1	N 1	10	10	.....
Mean	58.56	56.80	23.3	30.6	90.5	66.1	0.4	1.8	7.1	8.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	195.2

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.82	57.14	24	30.9	91	70	S 1	N 1	4	4	.....
2	57.93	55.70	23.9	30	89	71	S 2	N 2	0	10	3.4
3	57.24	55.42	23.1	31.3	91	65	SSE 1	NE 2	0	1	1.5
4	56.92	55.48	23.5	30.4	86	72	Calm	N 2	10	8	2.5
5	57.78	56.55	23.3	31.5	91	66	SSW 1	N 2	0	9	1.3
6	58.67	56.98	23.7	31	94	69	S 1	N 2	10	10	.8
7	57.94	56.73	23.3	30.2	88	72	S 1	N 2	2	10	1
8	58.37	57.95	24	26.1	96	90	Calm	Calm	8	10	5.8
9	59.23	57.81	22.9	28.4	91	75	Calm	Calm	10	10	.5
10	59	56.87	22.6	31.3	94	61	S 1	N 2	10	4	12.2
11	57.99	55.68	22.2	30.8	94	73	S 1	N 3	8	7	1.3
12	57.33	55.80	22.2	29.5	94	68	Calm	N 1	2	10	15.7
13	57.99	55.64	23	30	96	71	Calm	N 2	10	10	1.8
14	58.13	56.13	23.4	30.5	91	66	Calm	NW 2	10	3	1.3
15	57.26	56.69	23.5	30.4	91	72	S 1	N 1	10	10	17.3
16	58.12	55.77	23.1	31.1	95	71	S 1	NW 3	1	10	.5
17	57.60	55.87	22.6	29.4	93	70	Calm	Calm	0	10	.....
18	57.45	57.04	23	23	88	97	Calm	Calm	9	10	74.9
19	59.42	58.20	21.8	30	96	64	Calm	N 1	10	10	.....
20	59.73	57.63	23.8	30	91	69	S 1	N 2	10	7	2
21	58.59	57.17	22.5	31.2	91	61	Calm	N 2	4	10	.....
22	58.21	56.53	23.4	28.8	92	76	Calm	NW 3	10	10	1.3
23	58	56.53	22.6	28.5	92	70	Calm	N 2	10	10	1.3
24	57.84	57.41	22.9	27.9	94	78	Calm	N 1	10	10	.5
25	57.94	56.52	22.9	26.4	92	87	S 1	Calm	10	10	6.6
26	57.37	56.51	22	24.9	91	92	S 1	Calm	7	10	10.5
27	58.08	56.70	21.8	31.1	89	62	S 1	N 2	1	2	.....
28	59.31	57.43	23	30.8	89	65	S 1	N 1	1	1	.....
29	59.42	56.78	23.2	31.7	90	60	Calm	N 2	0	2	1.5
30	57.94	56.34	23.1	28.9	90	78	Calm	N 2	10	10	7.4
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.19	56.63	23	29.5	91.7	72	0.5	1.5	6.2	7.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	172.9

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.52	56.84	22.4	28.4	92	71	S 1	N 1	10	10	1
2	58	56.80	22.2	31.1	93	67	S 1	N 1	4	10	1
3	58.03	56.23	22.4	30	91	68	Calm	NW 3	10	10	.....
4	57.57	56.07	22	29.8	90	63	SSW 1	Calm	10	10	7.6
5	57.03	55.43	22.1	30.5	94	62	S 1	N 2	10	10	1.5
6	56.82	55.42	22	31	92	65	Calm	N 2	10	10	.8
7	57.13	55.77	22.5	31.8	90	61	SSW 1	NE 2	10	10	.....
8	56.99	55.02	22.8	31.3	89	63	S 1	N 3	10	4	3.6
9	57.01	54.72	23.5	31	88	65	S 1	NNW 1	10	7	.....
10	56.73	54.93	23.5	31.8	92	61	S 1	NNW 2	8	10	5.8
11	57.64	55.35	23.3	29.9	97	69	S 1	NW 2	10	9	.....
12	56.83	55.05	23	30.5	90	70	S 1	NNW 2	9	10	57.1
13	57.54	55.48	23	28.4	97	80	S 1	NE 1	10	10	1.5
14	56.09	54.42	23.4	30.5	93	70	SSE 1	N 1	10	10	23.1
15	55.90	54.55	22.9	28.1	94	78	Calm	NE 2	10	10	.....
16	56.44	55.79	23.1	24.9	96	93	Calm	Calm	10	10	35.1
17	57.29	55.20	21.6	30.6	95	59	S 1	N 2	10	10	.....
18	56.95	55.43	22.5	30.3	94	66	Calm	N 2	10	10	3.3
19	57.44	56.02	22.9	30.6	90	68	Calm	N 1	10	10	11.4
20	58.27	57.65	22.5	28.5	96	74	Calm	Calm	10	10	2.3
21	57.99	56.69	23.1	28.8	90	78	Calm	Calm	10	10	2.8
22	59.49	58.23	23.4	30.3	95	66	Calm	N 2	10	10	.....
23	59.64	58.42	22.7	29.5	90	72	S 1	N 1	4	9	.....
24	60.22	58.20	23	28.9	91	75	Calm	Calm	10	10	8.1
25	59.42	57.20	22.4	31	95	57	S 1	N 1	10	10	.....
26	58.44	56.86	22.6	31.8	91	60	S 1	NNW 2	0	8	5.8
27	57.44	56.18	22.6	30.6	90	67	Calm	N 2	10	2	.....
28	57.54	56.47	23.4	31	95	65	S 1	NW 1	10	10	15.5
29	58.49	55.89	22.4	32	91	63	S 1	NW 3	7	5	5.1
30	59.68	57.13	22.5	32	91	59	S 2	N 2	4	8	33.3
31	59.28	56.62	22.3	32	93	60	Calm	N 1	7	7	10.4
Mean	57.77	56.13	22.7	30.2	92.4	67.6	0.6	1.5	8.8	9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	236.1

AUGUST.[a]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.c.*			*0–10*	*0–100*	*mm.*
1	59.12	56.87	22.4	31.5	93	63	S 1	N 2	2	4	1.3
2	59.52	56.83	22.5	31.6	92	60	Calm	N 2	1	7	.....
3	58.03	56.53	22.4	30.5	88	65	S 2	N 3	0	10	7.4
4	58.57	57	23.3	28.4	94	75	Calm	N 1	10	10	13.2
5	58.89	57.23	21.4	29.3	95	72	Calm	N 2	9	10	.....
6	58.72	56.73	23.1	30.5	92	68	S 1	N 1	10	10	.....
7	57.67	55.07	22.9	31	90	65	S 1	N 3	10	5	.....
8	56.77	55.44	22.6	29.5	91	75	Calm	Calm	4	10	6.1
9	57.72	56.73	22.4	30.4	89	63	Calm	N 1	7	9	.....
10	58.14	57	22.4	30.2	89	67	S 1	N 3	4	10	.....
11	58.09	56.62	22.5	30.2	96	66	S 1	N 1	10	10	.....
12	58.17	56.17	23.3	30.9	87	62	Calm	N 2	1	8	15.2
13	58.89	56.42	22.9	30.6	85	67	SSW 1	NW 2	7	4	.....
14	57.43	55.38	23.5	30.5	89	68	S 1	NNW 2	4	4	.....
15	57.14	54.93	23.4	31	88	65	Calm	NNW 2	10	10	17.8
16	56.69	54.13	22.5	31.6	89	62	S 1	NE 2	7	7	58.4
17	56.39	54.58	23	31.3	92	61	SW 1	N 2	10	9	.....
18	56.83	55.77	23	29.8	94	71	S 1	N 1	10	10	1.8
19	57.74	57.10	23.4	29.9	89	75	S 1	Calm	8	10	9.7
20	58.37	56.87	22	30	93	71	Calm	N 1	10	10	2
21	59.34	57.95	22.4	30.6	91	68	S 1	N 1	10	10	.....
22	59.49	57.20	22.5	31.3	89	65	Calm	N 1	3	3	.....
23	58.93	57.88	22.5	31.1	97	61	S 2	N 2	2	10	.....
24	60.15	58.40	23.1	30.2	90	66	S 1	NNW 1	10	10	38.9
25	60.22	58.38	22.6	28.2	96	76	SSW 1	Calm	10	10	2.5
26	59.37	57.03	22.5	29.8	92	71	SSW 1	N 2	10	10	1.5
27	58.47	56.52	22.9	30.6	92	68	S 1	NNW 1	1	7	.....
28	60.06	57.03	23.4	29.6	86	72	N 3	Calm	2	10	1
29	58.28	56.04	22.6	30.3	91	70	S 1	N 3	1	10	29.2
30	56.47	54.82	22.8	30.2	93	66	SSE 1	W 3	10	10	13.7
31	56.29	55.20	23.2	28	94	79	S 1	Calm	10	10	30.5
Mean	58.26	56.45	22.8	30.3	91.1	67.8	0.8	1.5	6.5	8.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	250.2

[a] The rainfall of the 30th in the "Monthly Bulletin" should be 13.7 mm. instead of 15.7 mm., and the total rainfall should be 250.2 mm. instead of 252.2 mm.

CAGAYAN, MISAMIS.

[$\phi = 8°\ 29'$ N; $\lambda = 124°\ 38'$ E; barometer above sea, 13 meters; gravity correction not applied, —1.89 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.68	56.53	23	30	93	65	Calm	N 1	10	10	0.5
2	58.55	57.04	23	29.4	91	68	Calm	Calm	10	10	.5
3	57.90	55.99	23	30.4	87	65	Calm	N 2	10	10	8.9
4	57.59	56.10	23	28.4	97	75	Calm	N 1	10	10	11.4
5	57.70	55.82	22.5	31.5	88	57	Calm	N 2	10	7	.....
6	58.46	57.04	23.4	29.5	88	64	SSE 1	NNE 2	10	10	3.8
7	58.36	56	23.4	30.9	92	66	S 1	NNW 2	10	4	19.8
8	57.39	56.20	22	28	91	76	S 1	N 1	10	10	.....
9	57.64	56.53	22.4	29	91	72	SSW 1	NE 2	7	10	3.6
10	57.94	57.28	22.6	26.8	94	80	SSW 1	Calm	10	10	19
11	58.60	57.22	22.2	30.1	95	68	S 1	N 1	10	10	.....
12	58.77	56.94	23	30.4	96	65	SSW 1	NNW 2	10	10	44.4
13	59.28	57.01	22.2	29	95	76	S 1	N 2	10	10	3.3
14	58.60	57.40	22.2	30.2	92	68	S 2	N 2	10	10	.....
15	59.29	57.22	21.9	29.6	88	71	Calm	N 1	2	10	.....
16	58.25	55.99	23	29.2	84	75	S 1	N 1	10	10	.....
17	58.47	55.77	22.8	30.4	88	68	S 1	N 3	7	10	2.3
18	58.64	57.33	23.1	29.4	96	72	S 1	N 3	10	10	6.4
19	59.13	56.33	21.6	30.4	95	69	Calm	N 1	10	8	50.8
20	58.20	56.15	22.8	29.4	93	76	SSW 1	N 3	10	10	5.3
21	58.79	57.33	22.9	28.3	92	75	S 1	Calm	10	10	7.9
22	59.93	58.05	23.2	28	95	79	Calm	N 1	10	10	.....
23	59.14	56.63	22.9	29.5	92	74	SSE 2	N 1	4	10	.....
24	58.67	56.38	24	29.8	91	73	Calm	N 2	7	10	.....
25	57.31	55.40	23.4	30.6	90	68	S 1	NW 2	0	10	2.5
26	56.97	55.60	22.5	30.5	90	65	S 1	NNW 2	0	4	.....
27	58.43	56.70	23	30.5	90	66	SSE 2	NNW 1	1	10	.....
28	58.09	56.14	23	31	91	65	S 1	N 3	10	8	2.5
29	58.59	56.62	22.3	30.6	90	66	S 1	N 1	10	10	.....
30	58.54	56.28	23.4	29.5	90	71	SSE 1	N 1	10	10	5.1
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.36	56.57	22.8	29.7	91.5	69.9	0.8	1.5	8.3	9.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	198

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.23	57.20	22.6	29.3	95	72	Calm	N 1	8	10	.....
2	59.28	56.80	23.5	29.4	92	68	S 1	N 3	10	10	6.4
3	58.54	56.43	22.4	30	96	67	SSE 1	NNW 2	10	7	1.3
4	58.28	55.98	22.6	28	95	85	S 1	Calm	10	10	6.1
5	57.63	56.46	23.2	27.1	94	83	Calm	Calm	10	10	4
6	57.18	55.65	22.6	28.1	98	68	Calm	NW 1	10	10	.....
7	56.94	55.51	23.5	31.1	89	59	Calm	NNW 2	10	10	1.3
8	57.50	56.29	22.5	30.6	92	69	Calm	NW 1	10	10	5.1
9	58.95	56.91	23	31.1	95	61	Calm	N 3	10	10	27.4
10	59.44	57.98	22.6	25.6	94	82	S 1	SSE 3	10	10	12.7
11	59.10	56.84	22	28.4	95	77	S 1	N 1	0	10	.....
12	58.94	57.13	23.1	28.4	95	77	S 1	N 1	10	10	.....
13	59.42	58.03	23.4	29.6	93	70	S 1	NNW 2	10	9	8.4
14	59.82	57.40	22.4	28.4	96	77	Calm	N 1	10	10	.....
15	58.87	56.52	22.1	29.4	94	71	S 1	NNW 2	6	10	.....
16	58.03	55.23	22.3	29.8	92	70	SSE 1	NNW 2	1	8	.....
17	56.33	53.85	22.8	29.6	89	70	S 1	N 3	1	7	.....
18	56.09	54.34	22.6	29	88	72	S 1	Calm	4	8	.....
19	56.72	55.64	23.2	28.6	94	77	S 1	Calm	10	10	1
20	57.59	55.38	22.2	28.6	94	76	Calm	N 1	4	8	.....
21	57.77	55.48	22.8	30.4	89	66	Calm	N 2	10	10	15
22	58.35	56.08	22.4	29	96	74	Calm	N 1	10	10	25.9
23	58.50	56.46	22.5	26.7	97	86	S 1	N 2	8	10	18.8
24	58.34	55.85	22.7	28.9	97	78	S 1	N 1	10	10	.....
25	58.35	55.88	22	29.7	95	69	SSW 1	N 3	8	10	.....
26	57.48	54.78	22.4	29.5	91	71	SSE 1	N 3	1	7	6.4
27	57.29	54.35	23	29.3	95	74	Calm	N 2	10	8	9.1
28	57.88	56.33	22.5	29.5	96	70	Calm	NNW 2	8	8	.8
29	58.87	57.01	21.9	28.4	92	76	S 2	N 1	7	10	18.5
30	57.57	55.38	22	30	92	71	SSW 1	N 2	10	10	.....
31	56.55	55.23	22.4	27	88	80	Calm	Calm	10	10	1
Mean	58.09	56.08	22.6	29	93.5	73.1	0.6	1.5	7.9	9.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	169.2

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	56.44	54.37	21.5	28.6	94	71	Calm	NNW 1	10	10	1.3
2	56.34	54.53	23	29.8	97	70	Calm	NNW 3	10	10	.....
3	56.58	54.85	22.2	30.4	93	69	S 1	NNW 2	7	8	.....
4	57.42	56.53	23.4	27	88	75	SSW 1	SSW 3	10	10	2.4
5	57.99	55.60	22.4	28.3	96	78	S 1	NNW 2	10	10	.....
6	57.02	55.86	23.5	28.8	96	76	S 1	NNW 1	10	10	.....
7	58.24	56.33	23.8	29.8	93	74	S 1	NNW 2	10	10	1.5
8	58.94	56.36	22	29	96	74	SSE 1	NNW 2	4	9	.....
9	57.24	55.79	22.6	29.4	94	66	Calm	NNW 1	1	7	.....
10	56.82	55.67	22.4	29.3	91	74	SSW 1	N 2	0	10	.....
11	57.53	55.73	22	29.4	96	71	S 1	N 2	4	9	.....
12	58.27	56.42	22.7	29	91	71	SSW 1	N 2	10	10	9.7
13	58.72	56.05	23.4	29.6	93	75	S 1	NW 2	10	9	2
14	57.16	54.37	23.6	28.6	95	79	S 1	Calm	10	10	1.8
15	55.94	54.49	23	28.6	96	77	Calm	N 2	10	10	10.2
16	56.54	55.98	23.4	27.8	96	79	S 1	N 1	10	10	4.6
17	57.99	55.77	23.4	30.2	96	66	Calm	N 1	4	7	.....
18	57.99	55.80	22.6	30.3	90	63	S 1	NNW 2	7	1	.....
19	57.97	56.45	22.2	30.5	88	65	SSE 1	NW 1	7	8	.....
20	58.54	56.87	23	29.8	90	72	S 1	NNW 2	4	8	.....
21	59.04	57.25	23	29.6	96	72	S 1	N 1	1	9	.....
22	58.13	56.25	24	28.6	91	78	S 2	Calm	9	10	.....
23	57.48	55.49	22.5	29	96	75	Calm	N 1	10	10	.....
24	56.71	54.82	23.1	29.5	94	69	S 1	N 2	10	7	4.6
25	57.71	55.87	23.6	27.6	96	79	Calm	N 1	10	10	17.8
26	58.79	56.86	22.6	29.3	97	72	Calm	N 1	10	10	.....
27	58.48	56.73	21.7	29.5	90	70	S 1	N 2	7	4	.....
28	59.24	58.92	22.6	28.9	93	75	Calm	N 1	1	10	.....
29	59.89	58.50	21.4	29.1	91	69	Calm	N 1	4	10	.....
30	59.62	58.52	21.8	29.5	93	68	Calm	N 2	2	4	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.83	56.10	22.7	29.2	93.5	72.4	0.7	1.5	7.1	8.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	55.9

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.53	58.75	21.9	28.4	91	73	S 1	N 1	0	10	.....
2	59.48	58.21	21.6	28.2	94	77	Calm	N 1	0	10	19
3	59.38	58.18	21.4	27.9	95	84	Calm	Calm	10	10	1.3
4	58.21	57.84	19.9	28.6	90	73	Calm	Calm	0	10	.....
5	58.31	56.48	21.5	29	91	69	S 1	NNW 1	7	10	.....
6	56.89	55.83	21.3	24	90	95	SSE 1	Calm	4	10	8.4
7	56.66?	53.37	22	29	91	74	Calm	N 2	10	7	.....
8	55.15	53.30	22.4	29	95	69	Calm	NW 2	7	10	2.3
9	56.79	55.56	23.1	28.4	95	79	S 1	Calm	10	9	17.5
10	57.93	55.31	23.2	29	94	76	Calm	NNW 2	4	9	.....
11	57.15	55.35	22.4	28.5	91	77	S 1	N 2	10	9	9.7
12	57.35	56.15	22	28.8	96	76	S 1	NNW 1	4	8	3.6
13	57.57	56.33	21.5	29.4	95	68	S 2	NNE 2	4	5	.....
14	57.95	56.63	21.3	29.6	90	70	SSE 2	NNW 2	0	7	.....
15	58.23	56	20.5	29.5	88	73	S 1	N 2	0	7	.....
16	57.01	55.20	21.6	29.1	89	74	Calm	N 3	10	9	.....
17	56.90	56.04	22	27.6	89	79	Calm	Calm	7	10	.....
18	57.97	56.45	22.6	28.6	91	73	S 1	N 1	10	10	.....
19	57.91	56.22	21	29.9	91	68	S 1	NW 2	4	4	.....
20	57.48	55.67	22.2	30	93	65	S 1	NNW 1	10	8	.....
21	57.69	55.17	21.6	30.3	82	60	S 1	NNW 1	3	2	.....
22	57.62	55.25	22	30.1	91	67	Calm	NNW 2	10	7	.....
23	56.76	56.01	23.1	25.6	91	89	Calm	Calm	10	10	2.6
24	57.03	55.77	22.6	27	95	84	SSE 1	Calm	10	10	.8
25	56.55	54.66	21.8	29.2	96	71	S 1	NNW 1	10	10	4.1
26	56.13	54.38	22.1	29	96	71	S 1	N 2	10	4	1.5
27	55.97	54.79	22	28	95	80	SSE 1	N 1	7	10	1.5
28	56.44	55.04	22.5	29.2	96	73	Calm	N 1	8	9	3.6
29	57.32	55.78	21.6	29	95	72	S 1	NW 2	10	10	3.6
30	57.57	55.39	21.6	29.4	96	68	SSE 1	N 2	10	4	3.8
31	57.73	56.24	22.5	29.5	95	69	SE 1	N 1	10	10	7.6
Mean	57.44	55.85	21.9	28.7	92.5	74.1	0.7	1.2	6.7	8.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	90.9

BUTUAN.

[$\phi = 8°\ 56'$ N; $\lambda = 125°\ 32'$ E; barometer above sea, 2 meters; gravity correction not applied, —1.88 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.58	56.58	22.2	30.6	98	63	S 3	SSE 4	7	7	.....
2	58.72	56.93	21.2	31	98	62	SE 1	NNW 3	2	6	0.5
3	59.05	57.90	21.6	27	99	87	SE 1	NW 1	7	9	.8
4	60.21	58.78	21.9	28.6	97	81	ENE 1	W 1	7	8	4.6
5	61.45	60.71	22.5	29	100	62	SSE 1	WSW 1	10	10	.8
6	62.28	60.44	22.1	28.8	98	76	E 1	WNW 2	10	10	1.3
7	60.42	59.06	22.1	30.7	99	67	ESE 1	NW 2	9	8	25.7
8	61.93	61.62	22.2	24.8	99	90	ESE 1	NNE 1	10	10	16
9	62.29	60.54	22	28.8	96	70	NNE 1	NE 1	9	9	.5
10	61.70	61.19	22.6	23.1	99	97	ESE 1	Calm	10	10	32
11	60.36	58.76	22.1	27.4	99	81	SE 1	ENE 1	8	8	35.8
12	59.97	58.67	22.7	23.6	99	98	Calm	WSW 1	10	10	47
13	59.31	58.82	22.1	25.6	99	91	Calm	SE 1	9	9	14.2
14	58.53	57.70	22.2	27.5	98	82	SE 2	NNW 2	10	10	15
15	58.91	57.39	23.1	28.3	99	80	Calm	N 2	10	9	6.3
16	58.39	56.52	23.6	30.1	99	75	Calm	NNW 3	10	7	2.8
17	57.75	56.75	23.6	27.1	99	87	ENE 1	N 1	10	10	12.9
18	57.90	55.57	23	27.2	100	92	Calm	E 1	7	10	20.8
19	57.91	55.80	23.1	29.2	99	79	S 2	WNW 3	8	8	.3
20	57.71	56.39	23.5	26.1	97	88	SSE 2	ENE 1	6	10	3.3
21	57.81	56.32	22.5	28.5	96	74	S 1	NNE 2	5	9	5.3
22	57.96	56.98	22.6	24.5	99	96	S 1	SSW 1	3	10	4.6
23	58.66	56.15	22.1	30.8	99	67	S 1	NNW 3	9	8	16.3
24	58.30	56.63	23.6	25.6	99	95	ENE 1	E 1	10	10	57.1
25	58.22	57.11	23.1	31.6	97	48	S 2	NE 3	6	6	.....
26	58.80	57.61	22.4	26.5	96	86	S 3	W 1	7	9	1
27	58.98	57.26	22.5	25.1	96	94	S 2	WSW 1	9	6	2.5
28	58.25	56.91	23	25.8	97	85	S 2	S 2	8	8	9.1
29	58.45	57.60	23.2	24.8	99	93	E 1	SSW 2	8	10	6.3
30	59.30	57.48	21.5	28.4	100	73	ENE 1	WSW 1	2	9	1.8
31	58.83	56.63	21.1	30.9	99	67	SSE 1	S 2	5	8	11.4
Mean	59.26	57.83	22.5	27.6	98.3	80.2	1.2	1.6	7.8	8.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	356

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.02	56.47	22.5	28.9	96	69	SE 2	N 3	10	9	5.4
2	58.11	56.58	22.8	25.9	98	94	Calm	ENE 1	9	10	17.2
3	58.27	57.71	22.6	26.5	99	87	SE 2	NW 1	10	10	27.7
4	59.90	58.83	22.4	28	97	70	SE 1	S 2	10	8	.3
5	60.46	59.77	22.5	28.6	92	68	S 3	NNE 1	10	10	.....
6	61.34	60.62	22.1	24	96	94	ESE 2	E 1	10	10	15.3
7	60.48	59.26	22.6	29.6	96	70	SE 2	S 2	10	7	2.1
8	60.53	59.72	22.4	25.2	97	92	NE 1	WSW 1	8	10	16.8
9	60.67	59.11	22.7	26.1	98	92	Calm	WSW 2	9	9	1.3
10	60.49	59.33	22.5	26.7	97	85	ESE 1	S 1	8	9	12.5
11	59.96	58.16	22.1	30.2	96	68	S 4	S 5	2	9	6.4
12	60.40	58.66	21.6	31.4	99	65	ESE 2	ESE 1	9	9	.....
13	60.24	58.70	22	26.1	99	88	Calm	NNW 1	10	10	2.6
14	59.79	58.41	23.1	26	99	93	ESE 1	SE 1	10	9	14.4
15	60.38	58.66	22.8	24.5	97	96	S 2	NNW 1	9	10	41.2
16	59.96	58.04	22.5	29.5	97	71	S 3	S 3	10	8	.8
17	59.27	57.39	22.6	29.1	98	73	ESE 1	NNE 2	7	9	.....
18	58.02	55.72	23.1	32.5	98	58	ENE 1	SW 1	10	8	.5
19	57.69	56.29	23.5	26	96	92	S 1	ESE 1	9	9	2.8
20	58.51	56.75	22.5	33	99	61	S 1	NNE 2	9	8	.5
21	59.65	58.37	22.6	27	99	85	SSE 1	NE 2	8	9	2.3
22	59.80	58.28	22.1	28.6	99	75	Calm	NNW 3	5	7	1.6
23	58.18	57.34	22.6	26.6	98	92	SE 1	S 1	8	8	10.2
24	58.25	56.60	22.9	32.5	97	54	ESE 2	S 3	8	3	.3
25	58.15	55.96	21	32.2	95	61	SE 1	NNW 3	3	6	.3
26	57.72	56.49	22.5	26.1	97	91	S 5	S 2	4	9	1.5
27	57.22	55.57	21.9	32	97	54	ESE 2	E 4	3	3	.8
28	56.66	55.78	22.1	25.5	98	92	S 3	SW 2	1	7	8.4
Mean	59.25	57.81	22.4	28.2	97.3	78.2	1.6	1.9	7.8	8.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	193.2

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.74	56.11	23.1	29.6	96	68	SE 2	NNW 3	7	9	.....
2	57.61	55.85	22.7	29.	97	76	E 1	S 1	7	7	3.3
3	57.55	56.03	23.1	29.1	99	79	ESE 2	ESE 2	9	9	6.1
4	56.72	55.38	22.6	26.	98	92	SE 2	WSW 1	7	7	46.4
5	57.31	55.23	23	31.4	97	66	SSE 1	S 3	10	7	4.1
6	58.32	56.21	23.1	31.2	97	63	ESE 2	E 2	7	7	.6
7	58.01	56.15	23.4	31.4	94	65	SE 2	N 2	8	7	.....
8	57.25	55.60	22.5	29.1	93	74	E 1	N 3	6	7	2.8
9	57.10	55.77	22.5	30.6	96	68	E 1	NW 2	3	9	.....
10	58.36	56.41	22.5	29	96	76	SSE 2	N 1	10	9	6.4
11	57.40	56	22.6	31	99	67	S 1	SSW 2	5	8	.8
12	57.20	55.91	22.6	31	97	61	SE 1	ENE 2	10	8	.5
13	57.51	56.52	22.6	28.6	97	69	S 2	N 2	8	10	5.4
14	58.23	57.46	22	30.4	99	60	S 1	NNW 3	8	7	.....
15	60	58.87	23	25.9	96	93	S 2	SSE 2	7	10	18.3
16	59.68	57.27	21.6	30.5	100	68	SSE 1	S 2	10	9	2.1
17	59.49	57.56	22.6	32.3	96	56	SSE 1	N 3	3	7	.6
18	59.50	57.52	21.4	31.9	96	61	E 1	NNE 3	3	6	.3
19	59.05	57.48	23.1	28.5	97	70	SE 2	SSE 2	5	9	1.5
20	59.35	57.82	22	27.9	96	82	SE 1	SW 1	3	9	8.2
21	59.42	58.22	22.6	27.6	97	81	S 2	N 4	1	9	21.6
22	60.52	58.52	22.5	31.4	97	67	SE 1	NNW 3	7	4	.....
23	59.75	57.89	22.6	32.9	99	61	SSE 1	N 3	3	4	.5
24	59.07	57.57	22.6	32.3	98	56	SE 1	N 3	2	3	.....
25	59.43	57.85	22.1	32.1	96	55	S 3	N 3	7	3	.....
26	59.30	57.48	22.1	28	95	85	S 3	N 2	3	7	9.4
27	59.94	58.60	22.9	31.4	97	65	S 1	Var. 1	10	6	.3
28	60.13	59.79	23	24.5	96	96	S 3	SW 1	3	10	27.7
29	60.30	59.15	23.1	29	96	72	S 3	NE 2	6	9	4.8
30	60.28	57.68	22.5	32	97	63	S 2	WNW 2	7	7	.....
31	59.90	57.66	22.1	33	99	55	SE 2	ENE 2	7	4	.....
Mean	58.76	57.15	22.6	30	96.9	70	1.6	2.2	6.2	7.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	171.7

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.83	57.46	23.1	30.2	96	74	SE 1	SW 2	2	8	5.8
2	58.69	56.97	23.5	26.9	96	81	S 3	NNW 1	2	9	10.2
3	58.85	56.69	23	31.6	98	63	S 2	NNW 3	7	4	.....
4	58.92	57.37	21.5	25.8	95	89	ENE 1	SW 1	4	10	10
5	58.99	57.98	23.6	25.2	99	94	SSE 1	N 1	9	10	16
6	58.60	57.25	23.5	28.5	97	73	SE 2	NNE 1	9	10	14.3
7	58.06	55.87	23.4	31.6	97	66	SSE 2	S 2	10	7	2.8
8	58.04	55.66	23	27.5	97	76	S 1	NNW 2	7	9	11.9
9	57.80	57.03	23.6	25.2	97	94	S 3	E 2	2	9	14.2
10	58.22	56.88	23.3	26.2	97	94	S 3	S 2	3	9	6.9
11	57.67	55.67	23.5	28.5	98	80	SSE 3	Var. 1	5	9	7.2
12	57.66	55.55	23	30.7	97	63	SE 2	S 3	8	8	.....
13	58.13	56.61	23	32.5	96	56	S 3	S 3	8	7	.....
14	59.01	57.10	22.5	31	96	65	SSE 1	N 3	7	9	.....
15	59.19	56.14	23.5	32.8	96	58	SSE 1	S 2	8	5	.....
16	58.49	55.65	23.6	33.5	96	54	SSE 2	SE 3	3	6	.....
17	58.41	56.19	23.6	33.7	96	51	SSE 2	S 2	7	7	.5
18	58.70	57.11	23.6	27.1	97	81	ESE 1	E 1	5	8	.....
19	58.61	56.78	23.5	28.5	94	85	ENE 1	SSE 2	7	9	19.3
20	58.44	55.90	23.5	30.6	97	71	S 3	SSE 1	7	7	2.1
21	57.46	55.43	24	30.4	97	72	E 1	S 2	7	8	12.2
22	57.91	57.37	23.5	24.7	97	90	SE 1	SSE 3	10	10	2.8
23	57.28	55.93	22.3	27.7	97	90	S 3	NNW 1	7	9	21.4
24	58.01	55.85	24	33	96	64	ESE 2	S 3	6	6	.....
25	58.29	56.78	23.7	29.5	96	72	S 2	SSE 3	0	8	.5
26	57.80	56.20	23.1	31.4	96	63	SE 3	NNW 2	7	8	.....
27	57.45	55.97	22.5	31.6	96	54	SE 2	NNW 2	10	7	.....
28	58.01	55.54	22.5	32.9	96	52	SE 3	N 3	8	10	.....
29	57.65	54.93	23.5	33	96	53	SE 2	NNW 3	10	8	.....
30	57.07	55.39	23.6	31	96	66	SSE 3	E 3	7	9	.....
Mean	58.24	56.38	23.2	29.8	96.5	71.5	2	2.1	6.4	8.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	158.1

BUTUAN.

[ϕ=8° 56′ N; λ=125° 32′ E; barometer above sea, 2 meters; gravity correction not applied, —1.88 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.90	56.10	24	32	97	60	SSE 1	NNW 3	7	8	4.6
2	57.52	56.11	24.3	29.4	97	86	SSE 3	E 1	7	10	7.7
3	57.84	55.04	24.1	32.1	98	63	S 2	S 3	9	7	.....
4	57.90	56.55	23.1	31.4	96	63	S 2	NNW 3	9	8	.....
5	58.20	56.36	24.1	32.5	97	63	SSE 2	S 4	6	4	30.7
6	59.12	56.89	24	28.1	97	81	SE 2	SSE 3	10	9	1.8
7	58.25	56.82	24.6	26.5	97	91	E 1	SSE 1	7	10	6.3
8	58.76	56.50	23.5	30	96	79	S 2	ENE 2	3	7	4.8
9	59.14	56.45	23.6	31.6	99	68	ESE 2	NNW 3	4	6	.8
10	59.29	56.83	24.5	30	96	75	ESE 1	N 3	6	5	.5
11	58.18	55.91	24.7	31.6	98	63	ESE 2	NNW 3	10	7	3
12	58.99	57.55	23.7	29.7	99	72	S 1	N 2	10	10	.....
13	59.77	57.72	24.5	31.6	96	66	S 2	SW 2	9	9	.3
14	59.78	58.07	24	26.7	97	79	S 2	NNE 1	2	10	.....
15	60.64	58.17	23.5	29.5	96	73	E 1	NNW 2	8	8	.....
16	59.83	57.16	23.5	32.6	97	59	S 3	S 3	7	7	.....
17	59.34	57.66	23.9	29.5	97	75	S 2	ENE 2	4	10	.....
18	60.06	58.12	25	30.6	92	71	ESE 1	S 3	9	9	.....
19	58.62	57.90	24.4	25.3	94	94	S 2	ENE 2	6	10	38.8
20	57.64	56	23.6	30.7	97	74	SE 1	SSE 2	7	9	1
21	57.61	56.35	23.7	29	97	77	S 3	ENE 1	5	8	.5
22	57.96	57.41	23.7	24.7	98	96	S 3	Calm	7	10	29.2
23	58.97	57.71	23	28.1	97	85	SE 2	NE 1	7	7	8.7
24	59.39	57.52	23	30	97	71	ESE 2	N 3	8	9	.....
25	58.60	56.82	23.7	30.1	98	71	SE 1	N 4	5	8	11.7
26	58.67	56.40	23.7	31	99	69	SSE 1	NNE 2	10	6	3
27	59.05	58.12	23.5	25.2	96	94	S 1	S 1	2	10	12.9
28	58.81	57.11	24	29.5	96	78	ESE 2	W 1	10	9	11.5
29	58.21	55.56	24.1	30.6	99	63	E 1	N 2	10	2	8.6
30	58.77	56.66	24.2	31.1	98	69	S 1	E 1	10	8	12.4
31	58.42	56.96	23.1	32.1	97	66	S 3	S 3	10	7	2
Mean	58.75	56.92	23.9	29.8	96.9	74	1.8	2.2	7.2	8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	200.8

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and fosce (0-12). 6 a. m.	Wind, direction and fosce (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.10	56.92	24	32.5	96	63	S 2	ESE 2	2	6	2
2	58.15	56.34	24.5	27.6	95	85	S 2	WNW 1	6	8	.3
3	57.51	55.41	23.1	32.5	97	60	NE 1	W 2	4	6	.5
4	56.99	55.66	24.6	28.6	95	85	S 3	ESE 1	9	7	10.4
5	58.01	56.77	24	29.6	97	80	S 2	NNW 3	2	8	26.2
6	59.23	58	23.6	25.9	99	93	S 1	S 3	10	8	19.5
7	58.65	57.13	23.5	25.9	99	89	S 3	SE 2	9	10	6.4
8	58.90	57.72	24	28.7	97	75	SSE 2	NE 2	8	9	1.8
9	59.43	57.78	23.3	29.6	97	74	ESE 1	NNW 4	8	8	5.1
10	58.73	57.12	22.9	29.5	97	75	S 1	E 2	10	9	.3
11	58.36	56.89	23.9	24.2	97	94	E 1	ENE 1	9	10	33.6
12	57.87	56.02	23.6	27.6	98	85	S 2	E 1	6	7	6.1
13	58.21	55.51	23.4	31.3	97	66	S 3	S 2	5	7	14.2
14	58.70	56.87	23.1	27	97	86	S 2	ESE 2	8	10	3.9
15	58.71	57.29	22.9	28.7	97	87	Calm	E 1	9	9	2.6
16	58.70	56.28	23.1	29.6	99	75	S 1	S 3	8	8	.....
17	57.86	55.79	23.6	29.3	99	81	S 1	ESE 1	8	9	1.3
18	58.19	57.21	24	24	95	98	S 2	SW 1	5	10	34
19	60.03	58.57	22.9	29.5	97	76	S 3	SSE 2	10	9	.....
20	60.08	57.87	23.6	31.6	97	70	SSE 2	S 3	8	4	.5
21	58.66	57.03	23.5	29.5	96	81	ESE 2	ENE 2	9	9	1.3
22	58.16	56.43	23.5	30.1	97	74	S 2	NNW 3	7	9	.....
23	58.02	55.97	23.8	31	97	67	E 1	NNW 4	10	8	.....
24	58.45	57.18	23.1	27.1	97	83	SSE 1	N 1	10	10	3
25	57.71	56.34	23.2	28.1	98	77	SSE 1	N 2	10	9	3.6
26	57.73	56	23	30.3	97	67	S 1	NNW 3	8	7	1.5
27	58.57	56.77	23.7	30.6	98	68	SSE 2	S 4	7	8	.....
28	59.25	57.30	24.3	32.5	97	63	S 2	S 3	3	7	.....
29	59.88	57.45	23.4	27.4	96	78	ESE 1	NNE 5	1	7	9.9
30	58.10	56.74	23.5	26.2	97	87	E 1	ENE 1	7	9	2.5
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.53	56.81	23.6	28.9	97.1	78.1	1.6	2.2	7.2	8.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	187.8

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.83	56.67	22.6	25.5	98	92	SSE 2	SW 1	2	9	46
2	58.37	56.76	22.4	30	97	73	SSE 1	NNW 3	7	7	.....
3	58.10	56.22	23	31.6	97	72	SSE 1	N 3	8	10	.3
4	57.43	56.06	23	30.5	96	75	S 2	N 3	7	7	.....
5	56.84	55.46	23	30.6	94	73	S 2	NNW 2	10	9	.....
6	56.74	55.46	23.5	31.4	96	66	S 2	NNW 4	7	9	.....
7	57.05	55.90	23	31.2	97	74	S 2	SE 2	7	10	.....
8	57.17	55.21	24.2	29	97	78	S 2	SE 1	3	8	1.8
9	57.21	54.84	23.3	32.5	97	61	S 1	NNW 3	7	7	.....
10	56.91	55.35	24	30.6	95	74	S 2	WNW 3	7	9	21.8
11	57.76	55.40	23.6	30.5	99	68	SE 1	SE 3	10	9	.....
12	57.01	54.91	23.9	32.8	97	58	S 1	S 3	6	7	.....
13	57.95	55.71	24	29.5	97	75	Calm	S 1	10	9	.3
14	56.34	54.87	23.7	28.7	98	84	SSE 1	ENE 1	6	10	1
15	55.96	54.81	23.5	28.5	99	77	S 1	NNW 2	10	10	4.3
16	56.75	55.28	22.5	31	99	67	S 2	S 2	9	9	12.7
17	57.61	56.41	23.2	29	98	76	S 2	S 1	10	10	.....
18	57.34	55.40	24.6	30.5	97	74	S 1	S 1	8	9	.5
19	57.42	56.65	23.4	28.5	95	78	S 2	NNE 3	9	10	5.8
20	58.97	57.87	23.4	25.9	97	92	S 1	Calm	10	10	6.3
21	57.56	57.02	23.5	28	98	84	SSW 1	WNW 1	9	10	1.8
22	59.59	58.33	23.4	28	97	77	S 1	NNW 3	9	9	.....
23	59.85	58.25	22.9	31.6	97	62	ESE 1	N 3	3	5	7.1
24	59.82	57.88	23.5	29	96	74	S 1	N 3	10	8	.....
25	58.94	57.41	24.1	28.9	97	73	Var. 1	WNW 1	10	10	.5
26	58.09	56.47	23.2	31.5	99	63	S 1	NNW 3	8	7	13.7
27	57.31	55.70	23.5	30.9	97	65	S 1	NNW 3	7	2	.....
28	57.24	56.15	23.6	29.6	97	70	S 1	NNW 3	7	8	.3
29	57.87	55.55	24	32.6	96	64	S 1	S 3	7	3	.....
30	58.66	57.05	23.1	31	95	63	S 2	NNW 3	5	8	1.3
31	58.96	56.57	22.6	31.5	97	66	E 1	ESE 1	7	7	28.2
Mean	57.76	56.18	23.4	30	97	72.5	1.3	2.2	7.6	8.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	153.7

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59	56.71	22.5	32.1	96	63	S 2	S 2	1	3	.....
2	58.53	56.42	22.6	32.5	97	58	S 3	S 2	4	7	.....
3	57.85	56.76	22.7	28.7	97	77	S 2	WNW 2	4	10	0.5
4	58.56	57.01	23.1	30	96	72	Calm	NNW 2	10	9	5.9
5	58.93	56.95	22.4	30.1	97	71	SSE 1	NNW 1	9	9	.....
6	59.14	56.59	23.6	29.6	97	75	ESE 1	N 2	7	8	1
7	57.57	55.05	23.4	32.6	97	60	SSE 1	NNW 3	7	4	.....
8	56.91	54.71	23	32.5	97	63	S 3	S 3	7	8	7.4
9	57.53	56.37	22.8	32.3	97	66	S 2	W 2	7	7	.8
10	57.83	56.96	22.2	32.2	98	56	SSE 1	S 2	4	7	.3
11	58.17	56.48	23.4	31.6	97	63	S 3	S 3	10	8	2.8
12	58.15	56.04	24.3	33.9	96	55	S 3	S 2	4	5	8.9
13	58.61	56.13	23.9	28.6	97	81	S 3	SW 1	3	6	.5
14	57.31	55.14	24	32.5	96	56	S 1	NNW 3	1	2	.....
15	56.90	54.76	23.5	31.7	96	64	S 3	NNW 4	7	7	.....
16	56.02	53.45	24.1	33	95	56	SSE 2	Var. 1	7	8	2.8
17	55.95	54.46	23.6	33	97	56	S 2	SSE 2	8	9	.....
18	57.04	55.38	24.5	33.7	92	55	S 2	SE 3	10	8	.....
19	57.72	56.56	24.5	33.3	94	52	S 2	SSE 3	9	9	.3
20	58.48	56.61	23	32.5	96	60	S 4	S 3	9	8	.....
21	59.45	57.45	22.7	33.1	97	55	S 1	S 3	2	8	.3
22	59.67	57.72	23.1	29.1	95	76	ENE 1	S 1	4	7	23.4
23	59.07	57.86	22.9	33.1	97	48	ESE 1	E 1	2	8	.....
24	60.24	58.41	23.6	31.5	97	65	S 2	WSW 1	9	8	39.9
25	60.33	58.01	22.9	30.5	97	66	Calm	NNW 4	7	7	2.8
26	59.14	56.91	22.7	28.3	98	83	S 1	Calm	7	9	.3
27	58.34	56.52	23.6	30.4	97	71	S 1	NNE 1	3	8	.....
28	58.89	56.96	24.1	30	95	72	E 1	NNW 2	10	9	22.9
29	58.07	56.05	23	31.3	97	67	S 1	NNW 3	7	9	18.5
30	56.19	54.63	23.2	29.5	98	75	S 1	NNW 2	7	7	30.2
31	55.82	55.36	22.6	28.1	98	81	Calm	NNW 4	7	10	.3
Mean	58.11	56.27	23.3	31.3	96.5	65.1	1.6	2.2	6.2	7.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	169.8

BUTUAN.

[$\phi = 8°\ 56'$ N; $\lambda = 125°\ 32'$ E; barometer above sea, 2 meters; gravity correction not applied, —1.88 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain in 24 hours beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.62	56.20	23.1	30	96	69	S 2	NNW 3	10	8	1.5
2	59.34	57.30	22.9	24.6	93	87	S 2	S 3	10	10	.5
3	57.91	56.12	23.1	31.8	96	58	S 2	N 1	10	9	2.5
4	57.37	56.24	23.9	25.6	97	88	Var. 1	Var. 1	10	10	12.4
5	57.78	55.58	22.7	32	97	49	SE 3	NNW 2	10	6	.....
6	58.40	56.75	23.5	31.5	96	61	S 3	NNW 3	10	7	1
7	58.41	56.20	22.7	29	98	68	S 3	NNW 3	7	7	7.9
8	57.38	56.20	22.2	26.8	98	82	SE 2	S 2	9	10	.3
9	57.91	55.95	23.5	31	96	69	S 2	W 3	7	8	22.6
10	58.20	56.75	23.1	30.6	97	65	S 2	N 3	7	9	1.3
11	58.71	56.61	22.6	30	99	69	S 1	S 2	10	9	.....
12	58.39	57.44	24	24	96	95	SE 1	WSW 1	9	10	14.2
13	59.35	57.06	23.4	29.4	94	75	S 1	N 3	9	8	4.6
14	58.90	57	23	32.4	97	56	S 3	S 3	5	6	.3
15	59.15	57.27	22.1	31.9	99	61	Calm	S 2	10	9	2
16	57.97	56.52	22.5	26.6	96	83	ENE 1	ENE 2	6	9	.6
17	57.69	55.73	23.5	33.8	96	57	S 2	WSW 2	7	5	.....
18	58.92	58.18	22.6	25.5	99	93	Calm	Var. 1	8	10	29.8
19	59.19	56.38	23.4	30.6	97	62	S 2	N 3	10	7	.3
20	58.42	56.46	23.7	25.6	95	90	S 2	E 3	9	10	25.4
21	58.87	56.70	23.6	31.2	97	64	S 2	WNW 1	9	7	13.7
22	60.27	57.56	22.3	30.6	98	72	Calm	N 2	9	8	.....
23	59.08	55.80?	23.4	33.1	97	58	S 1	S 2	7	5	16
24	58.77	55.90	23.1	31.5	97	65	SSE 1	NNW 4	3	7	.....
25	57.19	55.29	23.7	32	98	63	SSE 1	NNW 3	2	8	.....
26	56.82	55.44	23.7	31.8	95	64	S 2	NNW 3	7	6	.....
27	58.12	56.26	23.5	32	94	60	S 2	NNW 2	2	7	26.4
28	57.72	55.87	23.2	32.6	97	64	SSE 1	W 1	9	7	.....
29	58.40	56.68	22.7	31.1	96	72	S 1	SSW 1	10	10	.....
30	58.51	55.91	24	33.5	96	59	S 2	SSW 1	5	7	4.4
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.36	56.44	23.2	30.1	96.6	69.3	1.6	2.2	7.9	8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	187.7

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain in 24 hours beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.19	57.55	22.9	25	97	93	S 1	S 1	7	10	13.5
2	59.08	56.70	23	28.5	100	78	S 1	NNW 2	10	10	4.3
3	58.36	56.28	23.2	28.6	98	75	Calm	NNW 2	10	9	21.6
4	58.01	55.10	23	30	97	68	S 1	NW 5	8	8	1.3
5	56.34	55.21	23.5	27.6	97	84	S 1	ESE 1	10	10	4.9
6	55.67	54.65	23.5	29.7	97	65	WSW 1	N 1	9	10	.....
7	56.50	54.67	23.6	31.4	88	61	S 2	N 3	10	7	.....
8	57.21	56.57	23.4	30	90	71	S 2	W 1	8	10	.5
9	58.66	56.99	23.3	32.3	95	54	SE 2	NNW 3	9	6	.....
10	59.35	56.90	22.9	32.1	97	66	S 3	NE 1	9	7	1.3
11	59.19	56.63	23	27.3	97	87	Calm	Calm	5	8	12.1
12	59.19	57.59	23.6	25.5	97	93	S 3	S 1	10	10	6.1
13	59.85	57.85	23.7	30.6	98	71	S 2	S 1	10	8	1.3
14	59.60	57.37	22.9	28.1	97	87	SSE 3	SE 1	9	9	3.6
15	58.95	56.86	23	27.5	97	81	ENE 1	NE 2	4	9	.3
16	58.35	55.32	22.6	31.6	99	65	S 1	NNW 2	7	5	.....
17	56.37	54.74	23.6	26.1	99	87	S 1	Calm	3	9	.3
18	56.55	54.17	22.5	31.1	97	65	SE 1	NW 2	3	9	9.9
19	56.89	54.87	23	31.7	97	65	SSE 1	NNW 3	7	7	40.4
20	57.74	55.32	22.9	32.2	98	64	SE 2	S 3	7	8	8.9
21	57.81	55.26	24	31.1	97	69	S 2	S 1	7	8	18.8
22	58.52	56.13	23.5	29.6	97	75	Calm	S 2	9	8	13.2
23	58.55	56.16	23.4	26.8	97	85	SSE 1	Var. 1	5	9	10.4
24	58.54	56.69	23.5	27.4	97	85	E 1	S 2	10	10	.....
25	58.22	55.56	22.9	31.1	97	62	Calm	NNW 3	9	8	.3
26	57.60	54.84	23.1	31.9	99	56	S 1	NNW 2	9	3	.....
27	57.41	54.66	23.2	27.9	98	81	S 1	E 1	4	4	3.6
28	58.14	56.75	23.2	30.6	99	76	S 1	SSE 2	7	7	.8
29	58.60	57.21	23.5	27.7	97	85	S 1	ENE 1	7	10	2.3
30	57.81	56.17	22.6	26.2	99	93	S 1	SSE 2	6	10	3.3
31	57.27	55.66	22.5	27.1	98	82	S 1	S 1	10	10	11.7
Mean	58.05	56.01	23.2	29.2	97	75.1	1.3	1.7	7.7	8.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	194.7

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain in 24 hours beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	56.75	54.73	21.7	29.2	98	76	S 2	S 2	6	7	6.9
2	56.97	55.65	23.5	26.5	97	90	Calm	E 1	10	10	6.9
3	57.13	56.03	22.5	27.5	96	84	SSE 2	SSE 3	6	9	3.8
4	57.97	56.35	23.3	29.8	97	77	Calm	S 3	10	10	1.3
5	58.05	55.91	23.3	25.5	97	93	Calm	S 3	10	10	7.4
6	58.03	57.41	23.4	25.5	97	93	SSE 3	S 3	10	10	7.6
7	58.62	57.10	23.5	25.9	97	93	S 3	S 1	9	10	10
8	58.77	56.52	22.6	29.7	99	74	Calm	NNW 3	7	8	.8
9	57.26	54.56	23	30.6	99	68	SSE 2	SSE 1	7	7	.....
10	57	55.70	23.2	25.5	98	94	S 2	ESE 1	2	9	14.5
11	57.35	55.78	23.4	28.6	97	77	S 1	NNW 3	4	7	.....
12	58.14	56.12	23.6	31	98	69	Var. 1	NW 4	8	7	6.4
13	58.26	56.37	24.1	29.7	97	76	Calm	NNW 4	7	9	10.7
14	56.48	54.28	24.5	28	98	80	Calm	S 1	8	10	5.6
15	56.11	53.96	23.6	31	99	60	ESE 2	NNW 3	10	7	.....
16	56.78	55.92	24.1	27.9	96	82	S 1	NNW 2	8	10	.3
17	57.67	56	23.6	29.9	98	69	Calm	NNW 4	9	8	.....
18	58.01	55.74	24	31.3	99	64	S 2	NNW 3	8	6	.....
19	57.98	56.21	24.1	31	98	76	S 2	WNW 1	6	7	10.4
20	58.87	56.50	24	30.2	98	71	S 1	WNW 2	7	7	.....
21	59.02	57.48	23.5	25.5	100	93	Calm	S 1	6	10	20.6
22	58.42	56.83	23.3	26	98	90	WNW 1	S 2	7	10	4.1
23	58.02	56.01	22.9	26.7	98	90	ENE 1	NNE 1	10	10	1.5
24	56.86	54.81	23.3	31.7	94	62	SE 3	Var. 1	8	7	2.5
25	57.37	56.91	23.6	26.1	97	91	S 1	ENE 1	10	10	.8
26	58.77	56.98	23.3	27.6	97	81	S 1	NW 2	10	10	.....
27	58.51	56.45	22.5	29.7	97	68	SSE 2	NNW 2	7	7	.....
28	59.32	58.18	22.6	27	99	88	E 1	ENE 1	4	8	8.2
29	59.88	58.48	23.3	26.3	97	93	SE 1	SSW 1	3	7	14.8
30	59.69	58.09	23.6	26	97	93	ESE 2	E 1	7	4	31
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.94	56.24	23.4	28.2	97.6	80.5	1.2	2	7.5	8.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	176.1

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain in 24 hours beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.89	57.58	22.7	28.4	99	77	SE 1	NNW 2	7	7	..2.8
2	59.59	58.04	22.5	25.8	100	93	E 1	ESE 1	9	10	6.4
3	59.54	58.70	22.9	25.5	97	94	SE 1	ENE 1	7	10	4.6
4	59.51	57.37	22	31.4	98	63	W 1	S 1	6	7	16.3
5	58.77	56.68	22.1	30	99	72	S 1	S 2	6	10	2.1
6	56.91	55.11	22.1	24	98	95	SSW 1	S 1	10	10	9.4
7	55.47	53.66	23	27.2	99	87	Calm	WNW 2	10	9	9.9
8	55.22	53.47	22.6	26.6	99	84	SSE 1	S 3	7	7	.8
9	57.03	55.22	23.1	32.8	97	62	S 3	S 3	6	3	50.3
10	58.22	55.27	22.5	30.1	97	68	SSE 1	S 2	7	7	4.8
11	57.11	55.24	23.3	25.6	97	92	SE 2	ENE 1	10	10	13.7
12	57.35	55.82	22	31.8	99	67	Calm	S 2	7	6	14.5
13	58.02	56.02	22.5	32.1	96	63	E 1	SSE 2	5	7	.....
14	58.12	56.82	22.7	30.6	98	64	SSE 1	NW 2	2	7	.....
15	58.30	56.18	21.7	30.5	99	63	SSE 1	NNW 3	8	4	.3
16	57.10	55.03	23.1	31.6	99	66	SSE 1	NNW 2	9	8	.....
17	57	55.61	23.5	25.1	93	88	SSE 1	S 2	6	8	9.7
18	58.44	56.46	23	29	97	78	SSE 1	S 1	10	10	.....
19	58.26	56.31	22.9	29.8	97	70	SSE 1	WSW 1	9	8	17.3
20	57.78	56.03	22.5	30.3	96	70	ENE 1	S 3	7	7	.....
21	58.31	56.29	22.6	25.9	97	93	SE 1	SSE 1	2	10	4.8
22	58.07	56.17	22.9	28.1	97	77	ESE 1	NE 1	8	10	5.1
23	57.30	56.40	23.1	24.5	99	96	ESE 1	Var. 1	10	10	20
24	57.23	55.54	22.6	27.5	99	81	ESE 1	NNW 1	10	10	5.1
25	56.48	54.58	22.7	29.1	99	73	E 1	NNW 2	10	9	5.4
26	55.81	54.43	22.6	30.3	99	70	Calm	NNW 2	10	7	1
27	56.15	54.41	23.1	30.6	97	70	E 1	NNW 3	4	5	14
28	56.29	54.78	23.6	29.7	98	71	SSE 1	NNW 4	7	8	.8
29	57.20	55.58	23.6	29.7	98	71	ESE 1	NW 2	9	9	.....
30	57.10	55.59	23.5	31.9	96	61	SE 2	NNW 3	7	5	.5
31	57.50	56.25	23	31.1	96	62	SSE 1	NNW 2	5	9	.5
Mean	57.58	55.83	22.8	28.9	97.7	75.5	1	1.9	7.4	8	....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	220.1

MAMBAJAO.[a]

[$\phi = 9°\ 14'$ N; $\lambda = 124°\ 43'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.87 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
Mean											
Total											

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1											
2											
3											
4											
5	59.86	59.64	24.1	28.2	86	69	E 2	E 1	2	3	.....
6	60.36	60	25	26	84	82	E 2	E 2	5	9	2
7	59.83	59.14	24.3	27.5	93	78	Calm	E 2	8	8	.....
8	59.87	59.24	24.1	27.7	91	79	E 2	NE 2	3	6	.....
9	60.23	58.80	23.9	27.5	97	77	Calm	E 1	3	9	1
10	59.75	58.98	24.5	27.4	92	81	E 2	E 2	9	7	.....
11	59.27	58.18	24.1	29	82	57	E 1	E 1	2	2	.....
12	59.40	58.75	24.1	28.8	86	75	E 1	NE 2	4	5	.....
13	59.72	58.51	24.5	27.6	92	81	Calm	E 1	6	8	5.6
14	58.88	57.92	25.4	26.6	85	84	E 2	E 1	4	10	5.6
15	59.62	58.25	24.2	28.6	91	71	Calm	E 1	4	4	.....
16	59.25	57.86	25	29	92	72	NE 1	NE 1	7	5	.....
17	58.78	57.44	23.4	28.4	91	72	Calm	E 1	1	7	.....
18	57.41	56.31	24.8	27	91	81	Calm	Calm	9	8	.....
19	57.04	56.16	22.4	28.6	93	76	Calm	NE 1	2	3	.....
20	57.62	56.98	22.6	29	95	74	Calm	E 1	3	3	10.2
21	59.12	58.01	23.2	28.5	96	77	Calm	ENE 2	3	3	9.9
22	59.21	58.10	24.5	27.4	92	78	ENE 1	NE 1	4	3	.8
23	58.43	56.95	25	28.7	88	76	NE 1	NE 1	5	4	.....
24	57.66	56.45	25.6	30	87	70	E 1	ENE 1	5	1	.....
25	57.43	56.18	24.8	29	81	76	ENE 1	NNE 1	1	4	.....
26	56.68	55.70	25	27.8	88	77	ENE 1	NE 1	2	6	.....
27	57.62	55.61	25	29.4	88	72	ENE 1	ENE 1	2	2	.....
28	56.03	55.35	24.5	29.6	87	67	ENE 1	ENE 1	2	2	.....
29											
30											
31											
Mean	58.71	57.69	24.3	28.2	89.5	75.1	0.8	1.2	4	5.1	.....
Total											[b]35.1

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	56.86	55.96	24.7	27.6	92	79	Calm	NNE 1	6	7	.....
2	56.76	55.61	25.9	28.7	85	75	ENE 1	NNE 1	9	5	.....
3	56.46	55.76	25.5	27.4	88	78	ENE 1	NNE 1	8	7	.....
4	56.14	54.96	24.9	28.6	92	77	Calm	NE 1	7	2	.....
5	56.25	55.35	24.5	28.3	76	77	ENE 1	E 1	10	7	0.8
6	57.52	56.15	25	29.4	88	75	E 1	NE 1	5	5	.....
7	57.11	56.25	25.7	29.7	89	71	NE 1	NE 1	4	3	.....
8	56.63	55.19	24.4	30.2	84	65	E 1	NE 2	4	2	.....
9	56.43	55.88	23.4	29.5	91	72	Calm	ENE 1	2	4	11.4
10	57.81	56 64	26	27.3	88	79	NE 2	NE 1	9	9	.8
11	56.89	55.95	25.3	30	85	65	NE 1	NE 1	5	4	.....
12	56.68	55.93	25.9	30.1	85	63	NE 1	NE 1	5	6	.....
13	57.06	56.59	24.6	28.6	92	74	Calm	NE 1	5	6	4.6
14	57.72	57.64	25.4	28.7	84	74	NE 1	NE 1	8	3	2
15	59.36	58.66	25	27.8	90	78	Calm	NNE 2	9	7	.....
16	58.89	57.30	25	28.2	88	77	NNE 1	NE 1	2	6	.....
17	58.93	57.40	25.5	29.4	86	72	Calm	NNE 1	5	3	.....
18	58.71	57.68	24.7	29.2	87	72	NE 1	NNE 1	3	2	8.4
19	58.21	57.09	24.8	29.3	88	72	Calm	NE 2	2	3	.....
20	58.74	57.47	24	29.7	90	71	Calm	NNE 1	2	2	2.3
21	58.88	57.94	23.6	29.6	95	69	Calm	NE 2	2	2	14.5
22	59.02	58.84	23.8	29	95	74	Calm	NNE 1	9	3	.....
23	59.08	58.34	24.6	29.4	90	72	Calm	NE 2	6	6	.....
24	58.41	57.62	25.4	29.8	85	70	Calm	NNE 2	2	2	.....
25	58.89	57.84	25.6	29.4	82	68	NE 2	NNE 2	5	3	.....
26	59.51	57.07	25	29.6	80	66	NE 1	NNE 1	2	3	.....
27	59.07	58.75	24.4	28.8	87	67	Calm	NE 1	3	6	.....
28	59.47	58.24	25.4	29.4	85	71	E 1	NNE 1	4	3	.....
29	59.71	58.83	25.2	29.4	80	68	NNE 1	NNE 1	2	2	.....
30	59.88	57.87	24	29.5	88	68	Calm	NNE 1	3	3	.....
31	59.07	57.64	23.5	30	83	62	Calm	Calm	2	2	.....
Mean	58.07	57.05	24.9	29.1	87	71.6	0.6	1.2	4.8	4.1	.....
Total											44.8

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.30	57.36	24	29.5	91	75	Calm	NNE 2	2	3	.....
2	57.96	56.82	26	30	84	69	Calm	NE 1	2	6	.....
3	58.13	56.90	25	29.2	88	70	NE 1	NNE 1	4	5	.....
4	58.26	57.04	24.8	29.8	85	69	Calm	NE 1	5	2	.....
5	58.49	57.29	25	28.7	92	80	Calm	E 1	8	8	5.8
6	57.77	57.16	23.8	28.8	97	76	Calm	NE 2	5	9	.....
7	57.66	56.04	25.8	28.8	85	71	Calm	NNE 2	8	4	.....
8	57.03	55.57	24.9	29.5	87	70	Calm	NE 2	9	5	.....
9	56.62	56.12	26.4	31	76	68	NNE 1	NNE 1	2	2	.....
10	57.28	56.39	26.3	30.4	86	68	NE 2	NNE 2	3	3	1.5
11	56.82	55.39	26.2	30.2	89	65	NE 1	NNE 1	4	3	.....
12	56.69	55.63	25.6	30.1	81	67	Calm	NE 1	5	2	.....
13	57.21	56.83	24.2	29.9	86	63	Calm	NNE 1	4	2	.....
14	58.31	57.23	25.4	29.5	79	64	Calm	NE 1	5	6	.....
15	58.52	56.32	23.7	29.6	94	70	Calm	NNE 1	5	2	.....
16	57.55	56.08	22.8	30.2	93	71	Calm	NNE 1	2	5	.....
17	57.73	56.46	24	30.4	88	70	Calm	NNE 1	6	5	.....
18	58.01	56.26	24.3	30.3	87	63	Calm	NNE 1	3	2	.....
19	57.76	56.40	26	28.8	82	71	Calm	NE 1	5	6	.....
20	57.53	55.92	26.7	30.1	80	71	NE 2	E 2	3	2	.....
21	56.73	55.37	25.6	29.5	87	75	Calm	ENE 1	4	3	4.6
22	56.97	56.30	25.1	29.4	88	68	Calm	NE 2	5	6	.....
23	56.13	55.78	25.7	31	78	63	NE 2	NE 1	2	4	.....
24	57.02	55.93	26.8	30.7	78	71	NE 2	NE 2	4	2	.....
25	57.36	56.63	25.6	30.7	87	66	Calm	NE 1	6	7	.....
26	56.92	56.26	25.3	30.6	89	64	Calm	NNE 2	9	7	.....
27	56.82	55.99	23.4	30.2	90	61	Calm	E 1	4	3	.....
28	57.18	55.61	23.6	30.2	90	66	Calm	NNE 2	3	3	.....
29	56.86	55.03	24.6	30.4	92	66	Calm	NNE 1	4	2	.....
30	56.38	55.16	26.4	30.6	73	67	Calm	NNE 2	2	3	.....
31											
Mean	57.43	56.24	25.1	29.9	86.1	68.6	0.4	1.4	4.4	4.1	.....
Total											11.9

[a] This station was opened on February 5, 1917.

[b] 24 days of observation.

Note: The barometric readings of this station seem to be too low by about 0.50 mm.

MAMBAJAO.

[$\phi = 9°\ 14'$ N; $\lambda = 124°\ 43'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.87 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain in 24 hours beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.21	55.70	25	30.5	88	71	Calm	NE 2	6	4	.....
2..	56.89	55.87	26.3	31.7	88	68	Calm	N 1	3	6	0.5
3..	56.73	55.22	25.9	30.5	91	70	Calm	NE 2	4	6	.....
4..	57.33	56.11	24	31.5	91	68	Calm	NW 1	6	7	.....
5..	57.38	56.32	26.6	31.5	81	62	NE 1	NE 1	3	2	26.2
6..	57.91	56.46	24.2	28.2	95	79	Calm	NE 2	8	6	.....
7..	57.43	56.08	23.8	30.3	93	74	Calm	NNW 1	4	3	.....
8..	57.89	56.24	24.7	29.6	94	72	Calm	N 1	3	3	.....
9..	58.51	56.31	24.3	30.3	92	71	Calm	NE 2	2	3	7.1
10..	58.73	56.49	24.1	31.3	96	73	Calm	NW 2	2	3	.....
11..	57.46	55.66	24.8	32.8	92	65	Calm	NW 1	3	3	5.1
12..	58.38	56.89	24.5	29.6	87	72	Calm	Calm	4	8	.....
13..	58.84	57.75	25	29	88	76	Calm	NNE 2	6	4	.....
14..	59.11	57.59	24.5	30	92	73	Calm	NNE 2	2	3	.....
15..	59.92	58.02	24.5	30	91	74	Calm	NE 1	5	3	.....
16..	58.91	57.21	25.6	30.4	82	65	NE 1	N 2	3	2	.....
17..	58.78	57.47	26.2	30.5	85	72	Calm	NE 2	3	4	.....
18..	59.14	57.56	26.8	30.9	77	71	NE 1	NE 2	4	4	.....
19..	58.05	56.86	26.5	30.4	85	77	Calm	NNE 2	2	4	8.1
20..	56.89	55.87	25.7	29	88	78	Calm	NNE 1	5	7	.....
21..	56.78	56.14	25.7	29.8	89	67	Calm	NNE 1	8	5	5.8
22..	57.43	56.73	24	28.6	97	78	Calm	NNE 1	3	6	.....
23..	58.33	57.68	23.7	29.5	97	72	Calm	N 2	6	4	7.6
24..	58.48	57.21	24.4	29.5	93	73	Calm	N 1	4	5	.....
25..	57.89	56.35	25.4	30.5	93	74	Calm	N 1	9	4	9.4
26..	58.04	56.53	24.3	30.4	96	72	Calm	NE 2	4	2	4.6
27..	58.48	57.54	23.4	29.8	96	74	Calm	NE 2	5	5	17.7
28..	57.95	56.60	23.7	30.1	96	68	Calm	NW 1	7	4	.....
29..	57.71	55.70	24.4	29.7	95	76	Calm	NE 2	8	2	40.1
30..	57.92	57.07	24.3	26.6	94	89	Calm	Calm	9	9	10.4
31..	57.70	56.94	23.5	31.1	94	64	Calm	NW 2	2	3	.....
Mean	58.01	56.65	24.8	30.1	90.8	72.2	0.1	1.5	4.6	4.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	142.6

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain in 24 hours beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.24	56.81	24	31.4	95	67	Calm	NE 2	2	3	.....
2..	57.52	55.99	26.5	30	80	74	Calm	NE 1	2	3	6.1
3..	56.77	55.73	24.7	30	92	73	E 1	N 2	2	3	.....
4..	56.47	55.54	24.9	30.2	94	70	Calm	E 2	4	3	.....
5..	57.28	56.47	24.6	30.4	91	70	Calm	NNE 2	3	4	49.8
6..	58.49	57.32	24.6	30	97	75	Calm	NE 2	5	5	.....
7..	57.77	56.56	25.5	30.5	93	75	Calm	NE 2	4	7	.....
8..	58.03	57.27	24.5	30	94	69	Calm	N 1	3	5	51
9..	58.83	57.56	24.6	27.7	87	82	SE 1	NNW 1	6	8	1.8
10..	58.30	57.03	24.3	23.8	87	98	Calm	NW 1	6	5	35.3
11..	57.75	56.26	22.8	29.4	98	75	Calm	Calm	5	4	.....
12..	57.11	55.56	24.4	29.8	88	70	Calm	NE 2	3	4	.....
13..	57.56	55.62	24.2	29	93	76	Calm	NE 1	4	6	.....
14..	57.79	56.40	24.4	29.7	90	72	Calm	NE 2	7	5	.....
15..	57.85	56.68	24	29.6	95	77	Calm	NE 2	4	6	5.1
16..	57.99	56.24	23.8	29.5	97	77	Calm	NNE 2	4	4	.....
17..	57.23	55.72	24.5	30.2	96	71	Calm	NE 1	5	5	.....
18..	57.33	56.68	25.1	30	92	75	Calm	NW 1	6	8	25.9
19..	59.08	58.30	24.4	28.7	87	78	Calm	N 1	7	9	.....
20..	59.38	57.63	23.3	30.2	93	70	Calm	E 2	3	2	.....
21..	58.19	56.82	24.8	30	92	73	Calm	N 1	6	4	.8
22..	57.68	56.19	24.5	29.5	94	76	Calm	W 2	6	5	.....
23..	57.65	55.47	24	32.3	91	63	Calm	SW 2	7	4	.....
24..	57.31	56.52	25	26	87	87	Calm	SW 1	5	9	1
25..	57.12	56.19	25.5	27.7	78	73	SW 2	SW 2	9	9	.....
26..	56.98	56.16	24.5	29.8	92	67	Calm	SW 2	6	4	.....
27..	58	56.81	22.8	30.2	93	71	Calm	NE 1	2	4	1.3
28..	58.89	57.21	23.9	31	96	73	Calm	NE 1	2	4	.....
29..	59.17	57.04	26.5	30.5	73	63	Calm	NE 1	3	3	2.5
30..	57.47	55.97	23.5	30.4	94	70	Calm	NNE 1	4	5	17
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.84	56.52	24.5	29.6	91	73.7	0.1	1.5	4.5	5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	197.6

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain in 24 hours beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.12	56.60	23.7	29.8	94	74	Calm	NNE 1	3	6	5.8
2..	57.55	56.44	24.1	31.2	94	71	SW 1	WSW 2	4	4	.....
3..	57.13	56.08	24.7	31.7	89	59	Calm	SW 2	6	6	.....
4..	56.57	55.77	26.6	30.5	77	65	WSW 1	SW 1	5	4	.....
5..	56.38	55.27	27	31.7	70	55	SSW 1	SW 2	4	6	.....
6..	56.22	55.18	26.2	33.2	73	54	SW 1	W 2	5	4	.....
7..	56.56	55.61	24.2	31.6	90	66	Calm	NE 1	7	4	.....
8..	56.68	54.94	24.1	31.8	94	70	Calm	W 2	2	4	.....
9..	56.43	54.41	24.5	32	94	67	Calm	W 1	5	3	.....
10..	56.34	54.77	24.7	32.5	89	63	Calm	W 1	4	4	8.4
11..	56.98	55.37	24.7	29.1	92	78	Calm	Calm	7	6	.....
12..	56.38	55.03	25	29.5	92	79	Calm	NW 1	4	8	1
13..	57.56	55.44	24	29.3	95	76	Calm	NW 1	5	7	.....
14..	55.78	54.38	24.2	29.7	93	75	Calm	NNW 1	4	4	2
15..	55.57	54.46	24.4	29.2	93	76	Calm	W 2	7	8	15.7
16..	55.82	55.21	23.7	27.5	95	88	Calm	SW 2	7	8	45
17..	56.64	56.04	24.3	28.8	86	75	Calm	N 1	7	6	.....
18..	56.85	55.29	23	31.2	95	71	Calm	W 1	3	4	.....
19..	57.07	55.91	24	29.7	95	77	Calm	NW 2	6	6	15.2
20..	57.90	57.61	24	27.7	96	79	Calm	NNW 1	8	8	.....
21..	57.19	56.35	24	28	95	81	Calm	Calm 4	4	7	11.4
22..	59.30	58.22	23.4	28.2	97	79	Calm	NW 1	9	7	.....
23..	59.35	58.13	23.5	31.3	93	74	Calm	W 2	4	4	8.1
24..	59.48	57.30	23.4	30	91	89	W 1	WSW 2	9	4	80
25..	58.62	56.84	23.6	29.1	97	74	Calm	Calm 10		6	2.5
26..	57.47	56.24	27?	32.3	72?	61	SSW 2	WSW 2	2	3	.....
27..	56.51	55.47	27	32.6	71	54	SW 2	SW 2	4	2	.....
28..	56.32	55.64	26.7	32	74	55	SW 1	SW 2	4	4	.....
29..	57.36	56.01	26.8	30.8	77	63	SW 2	WSW 1	4	4	.....
30..	57.90	56.68	26.5	32.5	76	53	WSW 1	SW 2	2	4	.....
31..	58.18	56.42	26.8	31.1	72	64	W 1	NNE 1	4	3	.....
Mean	57.13	55.91	24.8	30.5	87.5	69.8	0.5	1.4	51.	5.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	195.1

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain in 24 hours beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.32	56.79	27.3	30.5	63	67	SW 2	N 1	4	2	.....
2..	58.02	56.52	23.8	31.2	90	68	Calm	W 1	2	2	.....
3..	56.97	56.52	23.6	29.7	93	80	Calm	NW 2	2	5	6.9
4..	58.03	56.96	23	28.4	95	77	Calm	NW 1	10	6	3.3
5..	58.40	57.04	22.5	29.5	96	73	Calm	N 1	5	4	.....
6..	58.45	56.56	23.4	31	91	69	Calm	N 1	2	3	37.1
7..	56.95	55.03	23.8	31.5	97	72	Calm	NW 1	5	4	.....
8..	56.16	54.95	25.2	30.2	93	74	Calm	NW 2	9	5	.....
9..	56.88	56.22	24.7	30.5	91	72	Calm	W 1	5	5	3.8
10..	57.13	56.82	23.3	31	94	68	Calm	NNW 2	2	4	1.8
11..	57.49	56.62	23.7	30.2	94	74	Calm	NW 1	8	6	.....
12..	57.39	56.22	24	30.5	95	71	Calm	NNE 1	2	2	4.8
13..	58.07	56.07	23.4	30.7	95	71	Calm	NNE 1	2	3	.....
14..	56.74	55.17	24.4	31.6	95	71	Calm	N 1	1	1	.....
15..	56.11	54.50	25.7	33	83	52	SSW 1	SW 2	5	4	.....
16..	55.55	53.57	27.2	33	73	54	SSW 2	SW 2	4	3	.....
17..	55.25	54.43	27.7	32	69	59	SW 2	SW 1	5	6	.....
18..	55.99	55.39	27.6	31.7	76	65	Calm	NW 1	4	5	.....
19..	56.96	56.32	24.4	30.1	92	75	Calm	NW 1	6	4	4.6
20..	57.65	56.72	22.7	30.7	94	70	Calm	NW 1	5	4	2.5
21..	58.62	57.87	22.8	31	97	67	Calm	NW 2	3	4	.....
22..	58.93	57.29	24.2	31.2	86	64	Calm	N 2	2	2	.....
23..	58.29	57.94	22.7	30.7	87	62	Calm	N 1	1	5	6.1
24..	59.81	58.55	24.3	29.2	94	76	Calm	N 1	6	7	6.6
25..	59.76	57.93	22.8	30.2	97	69	Calm	Calm	3	4	.....
26..	58.58	56.86	23.8	30.3	95	71	Calm	Calm	7	7	.....
27..	57.68	56.23	24	31.4	94	70	Calm	WSW 1	4	2	31.2
28..	57.65	56.81	24.5	31.4	94	70	Calm	NW 1	8	4	2.5
29..	57.18	55.98	26	29.4	79	79	SSW 2	WSW 1	5	8	1.6
30..	55.44	54.27	24.1	29.4	93	79	Calm	Calm	4	3	.....
31..	54.96	54.82	26.3	28.6	79	77	WSW 1	WSW 1	9	7	14.8
Mean	57.40	56.22	24.4	30.6	89.2	69.9	0.3	1.1	4.5	4.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	127.6

MAMBAJAO.

[$\phi = 9°\ 14'$ N; $\lambda = 124°\ 43'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.87 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	56.60	55.89	26.6	29.8	72	62	Calm	WSW 1	7	6	6.4
2..	58.06	56.67	25.4	28	77	81	Calm	Calm	7	8	1.3
3..	57.03	55.84	27.3	31.3	63	64	Calm	WSW 1	6	7	1.3
4..	56.62	55.70	24.5	27.3	94	84	Calm	Calm	8	8	16.2
5..	57.14	55.27	24.9	31.1	92	62	Calm	W 2	7	5	.....
6..	57.63	56.54	25.6	31.2	85	69	Calm	WSW 2	4	4	.....
7..	57.82	55.67	24	32	91	65	Calm	Calm	3	4	.....
8..	56.65	55.89	23.2	28.8	91	73	Calm	Calm	7	6	.....
9..	57.28	56.10	24.6	29.9	90	75	Calm	Calm	7	6	.....
10..	57.75	56.49	24.2	30	94	71	Calm	NW 1	5	4	.....
11..	57.88	56.29	23.7	30.2	94	73	Calm	NW 2	3	2	.....
12..	58.25	56.69	24.5	31.1	92	71	Calm	W 1	6	3	2.3
13..	59.03	57.04	25.6	30.2	93	73	Calm	NE 2	6	4	3.8
14..	58.13	57.09	24	30.4	90	66	Calm	NW 1	2	3	.....
15..	58.88	57.17	22.7	30	92	70	Calm	NNE 1	2	5	.....
16..	57.48	55.77	23.8	30.8	85	60	Calm	NNE 2	4	3	.....
17..	57.36	55.87	25.3	30.3	85	74	Calm	WSW 2	4	5	.....
18..	58.58	56.99	24	30.8	97	71	Calm	W 1	6	4	5.1
19..	58.65	56.47	23.5	29.6	96	71	Calm	N 1	6	7	.....
20..	57.87	55.86	24.6	30.4	92	68	Calm	NNE 2	8	4	38.4
21..	58.25	57.05	23.9	28.6	96	78	Calm	N 1	5	7	33.8
22..	59.43	57.43	23.4	30.3	95	74	Calm	NNW 2	7	6	.....
23..	58.59	56.22	23.5	31	92	72	Calm	Calm	3	4	.....
24..	58.31	55.76	24.6	31.7	95	70	Calm	NW 2	3	6	6.1
25..	56.83	54.89	25.2	31.3	93	68	Calm	SW 2	7	4	.....
26..	56.54	55.19	24.6	32.4	88	60	Calm	SW 2	3	3	.....
27..	57.52	55.96	27.3	32	72	58	WSW 2	SW 2	4	4	49.5
28..	57.17	55.67	25.5	31.5	88	70	Calm	Calm	8	3	.....
29..	57.78	56.68	26	30	81	70	SW 1	NNE 2	8	6	.....
30..	58.03	56.07	24.6	31.8	93	71	Calm	NW 1	2	2	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.77	56.21	24.7	30.5	88.6	69.8	0.1	1.2	5.3	4.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	164.2

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.49	56.92	24	31.3	93	69	Calm	SW 2	3	3	58.4
2..	58.78	56.34	24	29.3	97	77	Calm	WSW 2	7	6	19
3..	57.95	56.13	24	30.6	97	69	Calm	SW 1	8	6	62.2
4..	57.59	55.40	23.8	29.3	95	74	Calm	SW 2	9	6	23.9
5..	56.50	54.76	24.5	27.4	89	70	SW 2	SW 4	9	6	21.1
6..	54.88	54.29	26	28	70	66	SW 5	SW 4	9	8	3.8
7..	55.44	54.83	27.4	28.4	64	64	SW 3	SW 4	7	8	8.9
8..	56.55	55.96	27.5	30.8	66	62	SSW 3	SSW 2	6	7	.....
9..	58.03	56.51	27	31.6	72	55	SW 2	SW 2	6	3	.....
10..	58.18	56.64	25.8	31.1	75	70	Calm	SW 2	4	4	.....
11..	58.60	56.46	23.7	30.3	89	71	Calm	N 1	3	2	13.2
12..	58.59	56.79	24	29.2	96	74	Calm	ENE 2	5	7	.....
13..	58.90	58.01	24	30.2	96	71	Calm	WNW 2	5	4	5.8
14..	59.37	57.29	23.8	29.4	95	70	Calm	NNE 2	5	3	.....
15..	58.63	56.64	23.7	29.7	94	71	Calm	NNE 1	2	2	.....
16..	57.71	55.57	24.8	29.6	89	72	Calm	NNE 1	2	3	.....
17..	55.85	54.04	26.7	30.2	84	71	NE 1	NNE 2	4	3	.....
18..	55.97	54.12	24.5	30	92	74	Calm	ENE 1	2	3	.....
19..	56.18	54.84	24.6	31	92	71	Calm	WSW 1	5	6	.....
20..	57.08	55.44	23.6	31.3	95	68	Calm	NE 2	2	2	.....
21..	57.41	55.33	24.8	30.3	92	71	Calm	NE 1	2	3	8.1
22..	57.78	55.86	23.5	28.5	96	78	Calm	NE 1	5	6	.....
23..	57.95	56.01	24	30.2	95	70	Calm	W 2	6	3	7.9
24..	57.98	56	23.8	28.8	95	78	Calm	ESE 1	5	6	.....
25..	57.62	55.98	23.5	30	96	71	Calm	NNE 1	3	5	.....
26..	56.95	55.06	23.8	31.6	95	65	Calm	NW 1	4	1	27.9
27..	56.55	54.75	23	31.2	95	68	Calm	NNE 1	1	1	19
28..	57.20	56.40	23.8	30.5	93	74	Calm	NE 1	2	2	9.9
29..	57.93	56.62	24.6	29.2	88	78	Calm	ENE 1	3	6	3.8
30..	56.91	55.94	24.8	28.5	95	75	Calm	ENE 1	4	6	.....
31..	56.47	55.51	24.5	26	94	84	Calm	ENE 1	8	6	11.7
Mean	57.42	55.82	24.6	29.8	89.5	71	0.5	1.7	4.7	4.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	304.6

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	55.93	54.50	23.2	29.5	93	76	Calm	NE 2	3	5	63.5
2..	56.33	55.06	23.8	27.7	97	79	Calm	NE 2	7	6	.....
3..	56.48	55.37	25.8	30.1	81	69	ESE 2	NE 2	3	4	4.6
4..	57.42	56.04	25.5	30	91	70	NE 2	NE 1	6	7	12.4
5..	57.70	55.28	23.8	26.2	97	89	Calm	E 2	9	8	5.4
6..	57.24	56.14	25.7	27.3	84	79	ENE 2	NE 2	6	6	.....
7..	58.09	56.56	25.2	28.7	88	78	Calm	NNE 1	6	5	.....
8..	58.48	56.37	24	29.4	92	74	Calm	Calm	3	3	.....
9..	56.68	54.59	23.2	29	94	75	Calm	Calm	3	3	.....
10..	56.58	55.18	23.2	30.1	95	71	Calm	NE 1	2	2	.....
11..	56.92	55.74	23.5	30.6	96	74	Calm	Calm	2	2	.....
12..	57.80	56.13	24.7	29.4	94	76	Calm	NW 1	4	5	.....
13..	57.89	55.72	25.2	30.6	88	73	Calm	NW 1	4	4	2.5
14..	56.52	53.61	24.5	28.8	96	79	Calm	Calm	7	5	14
15..	55.75	54.17	25.3	29.5	93	77	Calm	NNE 2	6	5	10.2
16..	56.19	55.91	24.4	25.1	95	95	Calm	Calm	7	9	20.3
17..	57.07	55.67	23.6	31.7	95	57	Calm	SSW 1	5	4	.....
18..	57.48	55.68	23.3	30.5	95	72	Calm	NNE 1	2	2	.....
19..	57.37	56.17	23.7	31.3	92	63	Calm	NE 1	3	4	8.6
20..	58.11	56.59	24.6	30.8	95	75	Calm	NNW 1	7	3	.....
21..	58.65	57.14	24	30	90	73	Calm	Calm	4	4	.....
22..	57.78	56.47	26.4	26.7	87	85	NNE 2	NE 2	6	5	4.1
23..	57.24	55.54	25.3	27	88	83	NE 2	NE 2	4	4	.....
24..	55.99	54.85	25	28.3	88	77	Calm	N 2	5	3	13.5
25..	57.03	56.83	24.2	23.8	97	97	Calm	Calm	7	10	96.5
26..	58.20	56.76	23.5	28.3	92	80	Calm	NE 2	5	4	.....
27..	57.87	56.56	23.2	29	95	76	Calm	NNE 1	2	2	.....
28..	58.87	57.43	23	29	96	74	Calm	ENE 1	2	2	.....
29..	59.29	58.41	25.3	29.4	92	73	Calm	NE 2	2	3	.....
30..	59.19	57.74	25.4	27.6	90	81	Calm	NNE 2	5	6	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.41	55.94	24.4	28.8	92.2	76.7	0.3	1.2	4.6	4.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	255.6

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.09	57.29	23.8	28.7	95	78	Calm	NNE 2	4	3	4.6
2..	59.20	57.94	23.7	28.4	96	79	Calm	Calm	6	4	1.5
3..	59.02	57.82	24.7	29.3	97	77	Calm	NE 2	6	4	.....
4..	58.87	57.57	26.7	29.5	74	75	ENE 2	NE 1	4	2	13
5..	58.09	56.79	26.2	26.5	82	85	ENE 2	NE 1	3	8	15.7
6..	56.65	54.71	24.5	28.2	94	82	Calm	NNW 2	8	5	61.2
7..	55.30	52.99	23.5	28.5	98	78	Calm	NE 1	4	4	2.5
8..	54.70	53.01	23.5	27.7	97	82	Calm	NNE 1	5	7	.....
9..	56.45	55.22	24.3	30.3	94	73	Calm	WNW 2	4	3	11.9
10..	57.50	55.20	23	28.8	97	76	Calm	NW 1	1	3	6.6
11..	56.55	55.11	24	28.5	96	78	Calm	N 1	4	4	4.1
12..	57.05	55.80	23.3	29.2	96	78	Calm	NE 2	2	5	.....
13..	57.18	56.28	25.1	29.3	88	70	Calm	NE 2	3	3	1.3
14..	57.38	56.93	25.7	29.2	91	74	ENE 2	NNE 2	4	5	.....
15..	57.78	56.27	26.6	29.2	84	74	NE 2	ENE 2	5	3	.....
16..	56.66	55.33	26.5	28.2	85	79	NE 1	NE 1	4	3	16
17..	56.56	55.42	24.2	29	86	74	Calm	N 1	2	3	.....
18..	57.43	56.39	25.8	28.4	87	77	Calm	E 1	5	3	6.6
19..	57.77	56.46	25.5	27.4	88	84	Calm	NE 2	4	7	.....
20..	57.33	55.90	23.8	29.8	90	69	Calm	NNE 2	3	4	.....
21..	57.68	55.83	24.6	28.7	87	77	Calm	NNE 2	2	3	19
22..	57.75	55.89	23.8	29	93	76	Calm	NNE 2	7	6	.....
23..	56.82	55.88	24.8	25.1	90	92	Calm	NE 1	7	8	12.5
24..	57.02	55.21	24	27	96	82	Calm	NE 1	8	7	16.5
25..	56.33	54.51	24	29	96	74	Calm	N 2	4	3	42.2
26..	55.42	54.11	23.5	30	97	75	Calm	NW 1	3	3	.....
27..	55.80	54.51	23.8	29	95	74	Calm	NNE 2	4	3	.....
28..	56.13	54.85	24.5	28	94	83	Calm	NNW 2	4	4	.....
29..	57.02	55.57	23.6	28	96	81	Calm	Calm	3	6	.....
30..	56.98	55.48	23.5	28.4	96	77	Calm	NE 2	3	3	.....
31..	57.38	56.14	24.4	29.7	87	71	Calm	WSW 2	3	2	.....
Mean	57.13	55.69	24.5	28.6	91.7	77.5	0.3	1.5	4.2	4.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	235.2

DUMAGUETE.

[$\phi = 9°\ 18'$ N; $\lambda = 123°\ 19'$ E; barometer above sea, 7.7 meters; gravity correction not applied, —1.87 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.18	57.11	24.7	29	92	74	NbyE 2	NE 3	10	3	.....
2	58.60	58.12	24.7	28.3	78	77	WNW 1	ENE 2	7	4	.....
3	59.15	58.20	23.5	29.5	87	68	W 2	NE 2	7	8	9.9
4	59.73	59.50	25.3	28	89	78	NWbyN 2	NNE 4	6	7	8.4
5	61.50	61.13	25.7	27.5	84	78	NE 5	NbyE 5	10	10	4.8
6	62.26	61.03	24.3	27	76	73	NNE 2	NE 5	10	10	9.9
7	60.93	59.70	24	26.4	87	84	NNW 3	NNE 5	10	10	1.8
8	61.38	61.45	25	25.4	80	87	NNW 3	N 4	10	10	5.8
9	61.93	60.95	25.2	27.8	80	75	NW 3	NEbyN 4	10	7	.....
10	61.78	60.60	25.3	28	85	74	NWbyN 3	NE 6	6	8	13.5
11	61.16	59.81	25	25.4	92	95	NNE 4	NNE 4	10	9	22.3
12	60.23	58.84	25.4	26.8	84	84	NNE 4	NEbyN 4	7	10	4.3
13	59.10	58.91	26.2?	27.2	81?	81	NE 4	NNE 3	10	10	.....
14	59.54	58.56	26.2	27.1	86	79	NNE 3	NE 5	10	10	9.7
15	58.98	57.81	25	27.5	87	83	NWbyN 3	NNE 3	7	10	.5
16	58.35	57.56	25	26.3	83	90	NNW 3	NNE 3	10	10	1
17	58.20	57.48	25.2	26.9	88	85	WNW 3	NNW 3	10	10	2.8
18	57.80	56.42	25.7	27.6	94	81	NWbyN 3	NNE 4	10	7	1
19	57.42	56.56	24.8	27.2	92	83	NW 2	N 3	7	8	1.8
20	57.18	56.27	23.6	27.9	95	80	WNW 2	NE 2	9	3	.....
21	57.45	57	24	27.6	94	84	WNW 1	NE 2	5	6	.....
22	57.78	56.38	24	28	92	79	W 1	NNE 3	7	7	10.2
23	58.60	56.76	24	27.5	94	80	WNW 1	NE 3	9	6	.....
24	57.99	56.95	24.5	28.4	88	78	NW 2	NbyE 3	7	8	12.4
25	58.19	57.77	26.4	27.8	82	73	NNE 4	NNE 3	8	7	.....
26	59.02	57.45	23.6	28	89	73	NW 1	NEbyE 3	7	3	.....
27	58.77	57.45	26	27.3	82	78	NWbyN 2	NbyW 3	6	10	.....
28	57.98	57.47	26	27	86	84	NEbyE 4	NE 3	8	5	1.9
29	58.12	58.04	26.7	27.7	81	78	NE 4	NE 4	9	7	.....
30	59.14	57.58	25	28	83	71	NNW 2	NNE 2	5	5	.....
31	58.57	57.52	23	27.7	91	72	WNW 2	N 2	6	7	.....
Mean	59.19	58.27	24.9	27.5	86.5	79.3	2.6	3.4	8.2	7.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	122

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.07	56.98	23	28	89	74	WbyN 1	NE 3	2	2	10.2
2	57.79	57.24	25.9	26.4	81	85	NNE 4	NE 4	9	9	15.8
3	58.44	58.54	24	27	96	76	NW 2	NEbyN 4	10	8	16.2
4	59.75	59.55	23.7	27.5	90	76	NW 1	NE 2	9	8	.....
5	60.38	60.62	25.7	27.5	82	77	NNE 3	NE 2	4	9	.....
6	60.92	60.87?	25.7	26.4	84	84	NNE 4	NE 4	8	9	1
7	60.53	59.81	25.8	27.7	81	78	NE 2	NNE 3	9	8	.....
8	60.56	59.81	24.5	28	87	77	WNW 2	NNE 4	8	7	.....
9	60.23	59.52	25	27.5	88	78	Calm	NNE 3	7	7	21.1
10	60.28	59.52	24.5	26.8	87	82	NNW 2	NEbyE 3	10	9	.....
11	59.93	59.27	25	28	84	67	NNE 3	N 3	8	3	.....
12	60.46	59.50	23.6	28.6	86	60	NWbyW 1	NbyE 3	4	8	3.3
13	60.06	59.30	24.8	27.3	90	78	WNW 1	NNE 4	9	7	.....
14	59.59	59.12	25.8	26	85	89	N 4	NNE 4	10	9	1
15	60.40	59.58	25.6	27.1	83	77	NNE 4	NE 2	9	9	.....
16	60.05	58.96	24	28	85	75	NWbyN 1	NbyE 3	3	5	.....
17	59.33	57.86	26	27.7	78	70	N 3	NNE 2	8	7	3.3
18	58.18	56.66	24.8	26.6	90	83	NW 1	NE 2	9	9	.....
19	57.59	56.83	22.9	27.6	92	81	W 1	ESE 1	9	9	.....
20	58.33	58	22.4	28.6	88	76	WNW 1	NE 2	5	5	6.1
21	59.40	58.72	24.2	28.4	94	74	NNW 3	N 3	10	9	.....
22	59.88	59.06	24.5	27.6	87	79	NW 2	NNE 5	7	5	.....
23	58.92	57.89	24.8	28.3	85	77	NWbyW 3	NNE 3	7	9	3.3
24	58.13	57.52	24	27.6	96	79	NW 1	NE 3	9	3	.....
25	57.92	57.12	24	28.5	83	74	W 2	NE 3	3	5	.....
26	57.69	56.42	26	27.6	80	80	NNE 4	NE 4	4	6	.....
27	57.22	56.37	25	27	88	77	NW 2	NE 4	3	10	.....
28	56.58	56.30	25.2	28.7	82	69	N 1	NE 3	9	6	.....
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.16	58.46	24.7	27.6	86.5	76.9	2.1	3.1	7.2	7.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	81.3

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.37	56.51	26.6	27.8	83	80	NbyE 3	NNE 3	6	6	.....
2	57.49	56.44	26.4	27	81	81	NEbyN 4	NE 3	7	4	1.8
3	57.17	56.80	25.6	28.5	83	76	N 2	NNE 3	10	5	.....
4	56.51	55.90	25	28.5	83	74	W 1	NE 2	4	1	.....
5	57.43	56.28	26.5	28.7	84	59	NNE 4	NE 1	10	9	.....
6	57.94	57.15	25.6	29.2	83	70	NW 2	NE 2	6	9	.....
7	57.54	57.17	25.7	27.8	86	77	N 3	NNE 3	7	9	.....
8	57.38	56.31	25.6	28.7	83	73	NNW 3	NE 3	7	3	.....
9	56.72	56.95	26.2	28	79	76	NNW 2	NE 3	4	5	.....
10	58.04	57.12	25.6	27.8	78	78	NWbyN 2	NE 4	7	9	.....
11	57.37	56.73	26.4	27.7	77	79	NNE 3	NE 3	9	8	.....
12	56.96	56.83	26.3	27.6	86	71	NNE 5	NNE 2	4	6	.....
13	57.53	57.53?	25.4	27.2	80	79	NW 1	NNE 3	10	9	.....
14	57.88	58.52?	24.6	27.5	82	78	NWbyN 2	NNE 2	9	3	.....
15	59.47	58.96	25.2	27.2	81	79	NWbyN 3	NEbyN 5	10	8	.....
16	59.36	58.42	26.2	28.6	79	66	NNE 4	NNE 3	10	4	.....
17	59.32	57.97	26.7	29.8	79	71	NE 2	NNE 2	7	3	.....
18	59.09	58.50	24.8	27.9	81	74	NW 2	NE 3	4	3	.....
19	58.71	58.20	26.5	28.2	80	74	NNE 3	NE 2	8	3	.....
20	58.99	58.45	25	27.7	81	79	NNW 1	NE 2	4	3	.....
21	59.23	58.79	25.9	29.2	81	68	NW 2	NNE 1	6	3	.....
22	60.40	59.52	25.7	29.5	84	67	W 1	N 3	7	3	.....
23	59.48	59	26.7	28	78	75	NWbyN 4	NE 2	7	3	.....
24	58.98	58.50	25	28.5	80	73	W 1	NNE 2	7	4	.....
25	59.46	58.75	24	27.7	83	72	NW 1	NNE 2	7	2	.....
26	59.49	58.09	24.8	28	81	74	NW 1	NE 2	1	4	.....
27	59.45	59.57	27	27.7	80	74	NE 3	NEbyN 2	8	3	.....
28	59.95	59.80	26.8	28.5	78	70	NE 4	NNE 2	7	3	.....
29	60.42	59.60	26.6	27.8	78	71	N 3	NNE 3	3	5	.....
30	60.28	59.47	25.5	28.3	84	72	WNW 1	NEbyE 2	7	4	.....
31	59.81	58.46	24	27.8	77	75	W 2	NE 2	3	1	35.6
Mean	58.56	57.94	25.7	28.1	81.1	74	2.4	2.5	6.6	4.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37.4

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.27	58.25	24	28	91	76	WNW 1	NEbyN 3	7	7	.....
2	58.39	57.51	27.2	29	81	70	NE 4	NNE 2	9	2	.....
3	58.53	57.79	27.2	28.2	79	74	NNE 3	NEbyN 2	9	5	.....
4	58.71	57.75	23.9	28	77	72	W 1	NEbyN 2	4	4	.....
5	59.07	57.51	27	28	78	79	W 1	NE 2	9	6	.....
6	58.02	57.83	27	27.7	84	78	NNE 4	NE 2	8	7	44.4
7	58.64	56.85	23.5	27.9	96	77	W 1	NNE 2	10	7	1.3
8	57.37	56.21	25	28	88	81	WNW 1	NE 2	7	4	.....
9	57.31	56.76	27.1	29	82	68	NE 3	NEbyN 2	8	3	.....
10	57.84	57.10	25.5	28.4	87	76	WbyN 1	ENE 2	8	7	.....
11	57.16	56.26	27.3	28.7	79	76	NE 3	NNE 2	8	3	.....
12	57.07	56.57	27.3	28.5	81	70	NNE 4	NEbyN 2	7	7	.....
13	57.59	57.49	25	28	92	74	WbyS 1	NE 2	6	4	.....
14	58.88	57.61	24	28.5	85	72	WNW 1	NE 2	6	7	.....
15	58.83	56.80	24.3	28.4	85	75	WSW 1	NE 2	5	6	.....
16	57.92	56.46	24	29.1	83	72	W 1	ENE 2	4	3	4.3
17	58.26	57.21	24	29.8	91	73	WNW 1	SSE 3	7	7	.....
18	58.23	56.97	25	28.5	82	79	W 1	E 3	7	3	.....
19	58.28	57.02	27.7	29	79	71	NEbyN 3	ENE 2	7	7	.....
20	57.75	56.51	28	28.9	76	71	NE 3	ENE 3	7	4	.....
21	57.25	55.72	27.2	28.9	81	74	NbyW 3	NE 2	9	5	2.8
22	57.61	57.02	24.8	28.2	92	76	W 1	NEbyN 2	9	9	.....
23	56.61	56.44	27.2	29.8	75	68	NNW 3	N 1	7	2	.....
24	57.87	56.66	25.6	28.8	92	72	WNW 2	NE 2	7	4	.....
25	57.74	57.36	25	28.7	83	78	W 1	NEbyE 3	4	7	.....
26	57.63	56.84	27	29.4	79	62	NE 2	NE 1	9	8	.....
27	56.93	56.71	24.8	29	83	71	W 1	NE 2	8	7	.....
28	57.68	56.16	24.2	29.7	83	73	WbyS 1	ESE 2	6	4	.....
29	57.18	55.61	25.5	29	84	76	W 1	ENE 2	9	5	14
30	56.60	55.95	25	28.8	83	78	WSW 1	NE 3	8	7	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.87	56.90	25.7	28.7	83.7	73.7	1.8	2.1	7.3	5.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66.8

DUMAGUETE.

[ϕ=9° 18′ N; λ=123° 19′ E; barometer above sea, 7.7 meters; gravity correction not applied, —1.87 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	57.76	56.83	25.5	29.6	82	76	W	1	NE	3	7	7	.....
2	57.62	56.35	26	29.6	84	74	NW	1	NE	3	8	5	44.4
3	56.99	55.89	24.5	29.2	96	81	W	1	NEbyE	2	8	7	6.1
4	57.73	56.90	24.5	28.7	84	78	WNW	1	S	3	7	8	.....
5	57.89	57.27	24.8	29	89	77	WbyN	1	NE	2	7	4	9.5
6	58.08	57.20	24.2	28.4	90	75	W	1	E	2	10	9	.....
7	57.90	57.19	24.2	28.6	82	77	W	1	E	2	7	7	.....
8	58.15	57.24	25.4	28.3	84	85	WNW	1	ESE	3	9	7	.....
9	59.12	57.39	24.5	29.8	87	75	W	1	S	2	4	7	24.4
10	59.08	57.21	24.	29.3	95	77	NWbyW	1	SSE	3	9	5	.....
11	57.94	56.35	24	30.6	87	70	WNW	1	SSW	4	5	7	.....
12	58.49	57.29	24.6	29.7	87	77	W	1	SbyE	2	7	7	.....
13	58.72	58.30	24	28.3	84	78	W	1	NE	1	8	10	.....
14	59.77	58.35	24.8	28.8	75	78	NNE	5	NNE	2	10	7	.....
15	59.98	58.51	24.9	28.7	87	74	WSW	1	NE	2	7	7	16.9
16	59.46	58.34	26.7	29.4	83	72	N	2	NE	2	9	2	.....
17	58.95	58.04	27	28.8	81	76	NNW	2	NEbyE	2	9	6	37.3
18	59.39	58.40	25	29.2	94	78	NW	1	NNE	2	8	4	.....
19	58.46	57.04	27.8	29.3	79	74	NNE	2	NE	2	7	7	.....
20	57.41	57.12	26.1	28.4	87	76	NW	1	Calm		7	10	3.3
21	57.37	56.79	24	28.5	87	80	WNW	2	NEbyN	3	6	10	.....
22	57.74	57.33	24.5	28.2	92	77	WbyS	1	NNE	2	8	9	55.4
23	58.39	58.50	23	28.2	93	79	SWbyW	1	NE	1	8	9	.....
24	58.95	57.79	23	28.6	90	77	NW	1	SSE	2	7	8	.....
25	58.19	57.07	23.6	30.2	81	64	WbyN	1	S	1	4	8	11.9
26	58.38	57.40	24.7	29.5	93	71	NW	1	NE	2	9	7	.....
27	58.94	57.92	25.7	29	86	71	Calm		ENE	2	8	4	24.9
28	58.71	56.97	24.2	29	97	69	WSW	1	NE	1	10	7	3.3
29	58.13	56.40	24.5	29.4	88	70	NWbyW	1	S	2	9	7	8.9
30	58.52	57.32	24	27.5	92	77	W	1	S	1	10	9	15.2
31	58.84	57.90	23	29	94	78	WSW	1	SE	2	8	6	.....
Mean	58.42	57.37	24.7	29	87.4	75.5	1.2		2		7.7	7	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	261.5

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	58.72	57.81	24.9	29.4	90	75	WNW	1	NEbyN	2	7	4	0.3
2	57.82	56.57	28.5?	29.3	77?	72	NEbyN	3	NEbyN	2	4	8	1.8
3	57.28	56.15	24.8	29.4	93	72	WSW	1	NE	2	8	1	.....
4	57.13	56.46	24	28.7	81	76	WSW	1	ENE	2	7	8	36.8
5	57.43	57.27	24.1	29.4	93	79	W	1	ENE	1	4	4	24.1
6	59.11	57.85	24.3	29.3	94	72	W	1	E	1	8	8	.....
7	58.10	57.69	27.5	28.4	81	77	NNW	2	N	2	9	9	6.4
8	58.44	57.55	24.2	28.6	95	76	WNW	1	ENE	2	5	8	40.6
9	58.97	58.05	23.5	28.4	91	72	WNW	1	NE	1	7	9	26.2
10	59.14	57.70	23.2	28.2	95	73	WbyN	1	NE	1	8	7	.....
11	58.04	56.66	24.5	28.5	84	77	NW	1	NE	2	8	4	.8
12	57.58	56.46	25.3	28.5	86	74	NNW	2	NEbyN	3	9	5	29.5
13	58.03	56.46	22.7	27.8	95	76	NW	1	ENE	3	6	9	4.1
14	58.39	56.97	24.2	28.2	93	76	NW	1	NE	2	10	4	.....
15	58.04	57.57	25.4	29.5	88	70	WNW	1	NE	2	8	4	.....
16	57.99	56.46	26.5	29.5	88	74	NW	1	NE	2	6	2	.....
17	57.33	56.37	24.2	29.	87	76	WSW	1	ENE	2	4	6	2
18	57.79	57.02	24.6	29.6	95	74	WbyS	1	S	3	10	9	19.2
19	58.72	58.82	24.5	28.2	83	74	SW	3	SE	2	7	7	.....
20	59.64	58.42	24.1	28.6	91	78	W	1	NE	1	9	2	.....
21	58.94	57.65	25	28.7	85	74	WNW	1	NE	2	7	9	.....
22	57.87	56.80	24	27	87	77	WNW	1	NW	1	8	9	.....
23	58.04	56.39	23.5	29.2	87	71	Calm		SSE	3	7	4	14.5
24	57.93	57.60	22.6	29.1	95	71	W	1	N	1	7	10	.....
25	57.02	56.52	23	27.6	91	79	WNW	1	SSW	1	7	10	1.6
26	57.24	56.57	23	27.4	91	77	SW	1	SSE	3	10	10	.....
27	58.12	57.52	23.1	29.1	88	70	W	1	E	1	5	4	.....
28	59.37	58.18	24.2	29.8	83	69	WNW	1	ESE	2	7	4	16.5
29	59.86	57.70	23.4	29.5	88	68	W	1	NE	1	9	9	28.2
30	57.82	56.69	23.3	28.5	93	81	W	1	SEbyS	2	10	9	40.6
31	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	58.20	57.20	24.3	28.8	88.9	74.3	1.2		1.8		7.4	6.5	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	293.2

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	57.17	56.79	22.8	28.1	92	80	WSW	1	NWbyW	1	7	9	.....
2	57.75	56.75	23.9	30	89	69	W	1	NNE	3	7	4	.....
3	57.89	56.51	23.6	29.2	86	81	W	1	SSW	3	8	7	.....
4	57.04	56.36	24	29.5	89	71	WSW	1	ENE	2	7	7	.....
5	56.74	55.68	24.2	29.2	90	71	W	1	SE	2	9	7	.....
6	56.63	55.71	23.3	29.6	86	72	WNW	1	ENE	2	8	9	.....
7	56.66	56.05	23.5	29.5	94	71	W	1	SSE	2	7	8	.....
8	56.64	55.66	24.5	30.2	83	74	NWbyW	1	SE	2	7	9	11.4
9	56.59	55.51	23.4	29.2	88	77	WNW	1	SSE	2	4	9	.....
10	56.03	55.10	24.6	30.4	84	72	NW	1	S	2	8	7	.....
11	56.94	55.92	25	30	92	73	NWbyW	1	SSE	2	10	7	.....
12	56.43	55.48	24.7	29.8	86	71	WNW	1	NE	2	9	10	.....
13	57.04	55.59	24.3	29.5	81	73	WNW	1	ENE	2	10	9	.....
14	55.96	55.17	24.5	29.3	79	78	W	1	ESE	2	9	9	3.8
15	55.49	54.92	24.1	29.5	95	71	NW	1	S	3	10	7	11.7
16	55.91	55.89	23.7	25.4	95	90	W	1	Calm		10	10	16
17	56.54	56.84	23	27.9	96	83	WSW	1	WNW	1	10	10	2
18	57.15	56.16	22.9	28.9	84	76	WNW	1	SSE	2	7	7	.....
19	57.57	56.27	23.8	29.2	85	75	W	1	S	2	8	9	3
20	58.48	57.92	23.7	28	95	76	WbyN	1	SEbyS	2	10	10	.....
21	58.14	56.72	24	28.3	88	79	W	1	E	2	8	7	30
22	59.37	58.11	23	28.5	93	74	NW	1	ESE	1	10	7	1
23	59.95	58.46	23.1	29.7	91	73	W	1	S	3	5	5	2
24	59.76	58.35	23.8	28.1	90	78	WSW	1	SSE	2	10	10	.....
25	58.62	57.24	22.6	29.1	91	70	WSW	1	SW	3	8	7	.....
26	58.08	56.94	22.5	29.8	87	73	W	1	S	4	2	8	6.4
27	57.43	56.23	22.6	30	93	69	WNW	1	SSE	3	7	8	.....
28	56.76	56.20	24.4	31	88	70	WSW	1	SSW	3	10	7	.....
29	57.87	56.43	24.6	31.6	87	66	NNW	2	S	3	7	5	6.6
30	58.59	57.40	23.5	30.8	91	65	W	1	ENE	2	5	7	.....
31	58.49	57.09	24.5	29.8	88	69	W	1	NbyE	3	9	7	.....
Mean	57.41	56.43	23.7	29.3	88.9	73.9		1		2.2	7.9	7.8	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	93.9

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	58.67	57.17	23.7	29.6	93	78	Calm		S	4	7	8	.....
2	58.44	57.49	23.5	28.7	85	77	W	1	SE	1	4	9	.....
3	57.91	57.20	23.8	29.3	90	74	W	1	E	1	8	10	.....
4	57.83	57.71	24.3	28.2	91	74	W	1	SW	1	10	10	.....
5	58.63	57.75	23.4	28.5	90	74	NW	1	E	1	7	7	.....
6	58.58	57.17	23.8	29	81	74	WSW	1	ENE	2	7	6	.....
7	57.41	56.04	24	30	86	70	WbyN	1	E	2	4	8	.....
8	56.53	55.85	23.4	28.3	85	76	WNW	1	SE	1	9	9	.....
9	57.19	56.44	24.3	31.7	89	65	W	1	S	3	9	10	.....
10	57.67	56.88	23.6	29	86	68	WSW	1	W	2	4	10	.....
11	57.64	56.77	23.8	29.9	83	73	W	1	S	2	9	9	.....
12	57.86	56.60	24.5	30.5	79	70	WSW	1	SE	2	4	3	26.7
13	58.54	56.29	23.5	29.8	95	75	SW	1	SEbyE	2	10	4	.....
14	57.07	55.85	25.4	30.5	86	70	NW	1	SSE	2	8	3	.....
15	56.74	55.61	25.7	31.1	86	66	SSW	2	SSE	1	9	8	.....
16	56.12	54.42	24.1	30	91	68	NWbyW	1	S	2	8	7	.....
17	55.62	55.16	24.5	27.3	92	81	SW	2	N	2	10	10	13
18	56.43	55.85	24.6	30.7	92	67	SSW	2	SW	4	10	10	.....
19	57.27	56.28	24.5	31.2	89	68	WSW	1	swbyS	4	10	4	6.6
20	58.08	57.34	22.5	28.5	89	78	W	1	swbyS	1	7	10	.....
21	59.03	58.32	23.6	28.8	86	76	SW	1	NNE	2	4	5	.....
22	58.96	57.94	24.4	29.4	87	73	WNW	1	NE	2	4	3	.....
23	58.77	58.30	24	30	83	65	WSW	1	ENE	2	3	4	23.9
24	60.22	58.96	23.7	29.8	96	69	W	1	ESE	2	10	4	13
25	60	58.35	23.5	30.1	96	68	W	1	ENE	1	9	7	5.8
26	58.79	57.24	23	29.6	94	70	W	1	ESE	2	7	4	.....
27	57.84	57.09	24.4	29.7	86	71	WSW	1	S	2	8	5	.....
28	58.54	57.81	24	29.9	90	77	NW	1	SSW	2	8	8	.....
29	57.82	56.45	23.3	30	89	78	swbyS	1	S	3	8	10	.....
30	56.02	54.96	23.5	30.5	89	68	W	1	S	3	7	9	16.1
31	55.46	54.87	24	29.2	91	73	NbyE	1	NE	3	8	9	7.1
Mean	57.80	56.78	23.9	29.6	88.5	72.1	1.1		2.1		7.4	7.2	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	112.2

DUMAGUETE.

[$\phi = 9°\ 18'$ N; $\lambda = 123°\ 19'$ E; barometer above sea, 7.7 meters; gravity correction not applied, —1.87 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	56.86	57.01	25.3	27.8	95	71	NNE 2	SSW 3	10	10	3
2	58.82	57.48	25.5	27.8	80	79	NNW 2	NNE 1	10	10	9.2
3	57.62	56.34	24.4	28.4	82	75	W 1	N 2	8	8	.....
4	57.06	56.57	24.6	24.3	85	87	Calm	E 2	9	10	29.1
5	57.41	56.15	24	28.5	93	77	W 1	WSW 2	10	10	.....
6	57.82	57.32	23.4	29.6	85	74	W 1	S 3	7	10	.....
7	58.35	56.52	23.5	29.4	88	75	W 1	S 2	5	10	.....
8	57.09	56.29	23.9	28.9	87	76	W 1	SSW 1	7	10	.....
9	57.09	56.68	23.7	26.1	89	83	W 1	WSW 1	5	10	3
10	57.72	57	23	29.7	88	71	SW 1	NE 1	6	9	5.3
11	58.58	57.55	23	29.3	89	72	W 1	SSE 3	5	4	.....
12	58.54	57.37	23.5	29.3	87	78	WSW 1	sbyE 2	5	9	7.1
13	59.01	57.55	24.1	28.3	95	73	Calm	NE 3	10	6	8.1
14	58.61	57.76	24.7	29	94	76	NWbyW 1	SSE 2	9	5	.....
15	58.89	57.92	23.9	28.8	96	75	W 1	NNE 3	4	4	.....
16	58.16	56.46	25	29.1	83	79	NW 1	E 2	7	7	24.1
17	57.44	56.04	26.3	29	84	78	WNW 1	S 3	10	6	7.4
18	58.94	57.99	24	28.8	95	75	WSW 1	SSE 1	10	10	22.6
19	59.03	56.80	24	28.5	93	74	wbyS 1	ENE 2	10	7	27.4
20	58.36	56.62	24	28.6	96	73	N 1	NE 2	10	7	38.9
21	58.28	57.22	22.7	28.3	95	75	WNW 1	SSE 3	7	7	26.7
22	60.10	57.80	23.5	28.3	96	77	Calm	sbyE 2	10	7	.....
23	58.95	56.95	23.5	30.3	85	75	wbyS 1	S 2	9	7	8.6
24	58.43	56.51	24.5	30	80	71	W 1	SSW 2	8	7	.....
25	56.78	55.87	24	29.7	83	71	WNW 1	N 1	8	10	.....
26	56.43	55.77	23	29.7	88	71	wbyS 1	N 2	4	9	.....
27	57.68	56.80	24.1	29.7	90	67	WSW 1	N 2	7	7	.....
28	58.07	56.03	24.4	32.4	88	52	wbyS 1	SSW 3	9	7	.....
29	58.18	57.11	24	30	87	71	NW 1	S 3	10	9	.....
30	58.27	56.95	24.5	30.2	84	73	W 1	ENE 1	7	7	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.09	56.88	24.1	28.9	88.7	74.1	1	2.1	7.9	8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	220.5

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.04	57.25	23.7	29	90	73	WNW 1	ENE 1	6	9	25
2	59.01	56.86	23.7	29.7	95	71	SW 1	S 2	10	9	2.5
3	58.34	57.05	23.8	29	93	73	W 1	SSW 2	10	10	1.5
4	57.57	56.20	24.3	28	90	77	NNW 1	S 2	10	10	1
5	56.83	55.94	24.9	25.5	88	88	N 1	SEbyS 2	10	10	67.6
6	55.92	55.33	25.3	25.5	91	85	N 2	ESE 2	10	10	39.7
7	55.69	55.45	24	24.6	88	91	SE 2	NNE 2	10	10	4.6
8	56.62	56.30	26.8	29.6	74	66	NW 2	N 2	10	9	9.9
9	58.22	57.09	23.8	28.8	94	76	S 1	NNE 4	8	9	6.9
10	58.64	57.50	23.5	27.3	96	87	WNW 1	SW 2	10	10	1.3
11	58.79	57.04	24.5	29.2	92	74	WNW 1	NE 2	4	4	10.2
12	58.67	57.55	24	28.7	96	76	NWbyW 1	NEbyN 2	10	7	.....
13	59.47	58.66	24.5	27.4	91	81	W 1	NE 2	9	10	18.5
14	59.72	58.27	24.2	27.9	95	82	NW 1	ENE 2	10	9	.....
15	58.94	57.05	23.9	28.6	90	73	WNW 1	NbyE 2	4	4	4 1
16	57.98	56.31	24	29	91	71	W 1	NNE 1	4	3	.....
17	56.34	54.37	25	29.4	91	72	NWbyW 1	NE 2	4	3	1.3
18	56.29	54.92	25	28.7	92	76	NW 1	NEbyN 2	9	4	12.7
19	56.69	55.74	24.5	29	93	76	W 1	ENE 2	9	7	1
20	57.76	56.06	24.5	28.5	92	78	WNW 1	NE 2	10	8	4.1
21	57.62	55.97	23.5	29.8	93	69	wbyN 1	NE 2	10	6	18.5
22	57.79	56.56	24	28.5	91	78	W 1	S 1	10	10	41
23	58.67	56.82	23.5	27.8	96	84	W 1	SE 2	10	10	41.4
24	58.33	56.35	23	28.3	94	77	NW 1	NE 2	10	7	1.3
25	57.93	56.21	24.7	28.9	90	71	NW 1	NEbyN 2	10	7	.5
26	57.67	55.29	24.5	29	96	72	wbyN 1	NNE 1	10	3	3.8
27	56.74	55.07	24	29	91	77	NW 1	ENE 2	4	4	5.7
28	57.63	56.67	23	30	93	69	NW 1	ENE 2	7	3	12.4
29	58.54	57.31	24.2	29	95	75	NW 1	NNE 2	10	9	6.9
30	57.21	56.60	24.5	28.5	92	76	WNW 1	NE 3	10	10	.....
31	56.48	56.23	25.9	27.5	85	77	NNW 3	NNE 3	9	10	16.5
Mean	57.78	56.45	24.3	28.4	91.4	76.5	1.2	2	8.6	7.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	359.9

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	56.22	55.15	24	28.7	89	73	NWbyW 2	NE 2	5	6	36.1
2	56.79	55.73	23.9	26.9	95	80	WNW 2	NNW 3	10	10	8.1
3	56.69	56.16	27.5	29.4	74	74	NNE 4	NEbyN 2	6	7	14.5
4	57.65	56.87	24.2	28.5	93	80	WNW 1	ENE 1	10	10	38.6
5	57.88	56.65	25.1	25.5	89	96	NW 2	N 3	10	10	14.7
6	57.37	56.61	27.2	28.5	83	81	NNE 4	NEbyN 3	9	7	.....
7	58.31	57.05	25.5	28.6	83	78	WNW 1	NNE 3	9	9	.....
8	59.08	57.04	23.9	29	94	73	NWbyW 1	NNE 3	7	4	.....
9	57.07	55.09	24.7	28.5	91	73	W 1	NNE 2	4	10	15.5
10	56.83	55.82	24.3	29	86	71	W 1	SSE 2	4	5	2.8
11	57.08	56.29	24	29.5	93	72	WNW 1	E 2	8	7	.....
12	57.92	56.76	24.5	29.2	87	70	W 1	S 2	8	8	.....
13	58.62	56.80	24	29.7	88	69	WNW 1	N 3	9	9	.....
14	56.74	54.74	24.7	28.3	89	80	NW 1	S 3	7	10	34..
15	55.94	54.91	27	28.4	86	75	ENE 4	NNE 4	10	10	20.6
16	56.88	56.15	25	27.5	92	78	NbyW 3	NEbyN 3	10	10	32..
17	57.78	55.89	25.4	30.7	80	62	S 3	S 2	7	7	.....
18	57.78	55.86	23	30.3	84	65	W 1	SSE 3	6	3	.....
19	57.79	56.07	24	29.7	87	72	W 1	S 3	10	4	.....
20	58.67	56.84	23.5	29.7	85	71	WNW 1	sbyE 2	4	4	.....
21	58.84	57.55	24	28.5	87	77	WNW 1	ENE 2	9	4	7.8
22	58.19	57.18	24.8	25	92	92	NW 1	NNW 2	8	10	4.9
23	57.61	55.96	27.2	28	79	77	NNE 3	NNE 5	10	10	1.5
24	56.69	55.59	24.8	26	85	89	WNW 1	NNE 5	6	7	3.8
25	57.03	56.88	24	28	94	77	wbyN 1	SE 3	10	10	22.4
26	58.58	56.92	24	27.8	94	79	W 1	NE 2	10	6	1
27	58.57	57.21	24.3	28.4	93	77	Calm	SE 2	10	6	.....
28	59.23	58.12	23.4	28.5	90	72	NW 1	NE 2	7	3	.....
29	59.59	58.80	24.9	29	88	71	NW 1	ENE 2	5	6	.....
30	59.77	58.40	24.5	28.5	87	76	W 1	NNE 2	8	5	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.77	56.50	24.7	28.4	87.9	76	1.6	2.6	7.9	7.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	258.3

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.48	57.88	26	27.7	82	73	WNW 1	NE 2	9	7	5.8
2	59.39	58.15	24.3	28.5	92	74	NW 1	NNE 2	7	4	1.8
3	59.16	58.60	24.7	29.5	91	74	NW 1	NNE 2	7	7	.....
4	59.14	58.42	27.5	28.5	80	66	NE 5	NE 3	4	10	11.9
5	58.78	57.26	26.6	28.6	80	73	NNE 4	NNE 3	10	8	13
6	57.17	55.47	25	29	84	74	WSW 2	NW 3	8	9	4.1
7	55.39	54.11	24.5	28.5	92	75	NNW 1	N 3	6	10	9.5
8	55.26	53.93	24.5	28	92	79	Calm	N 2	10	7	5.3
9	56.62	55.87	24.3	30.5	93	63	NW 1	SEbyS 3	8	4	9.1
10	57.74	55.85	24.7	28.7	94	73	WNW 1	ENE 1	10	5	43.4
11	57.74	55.99	22.5	26	96	82	W 1	N 2	10	10	29.4
12	57.39	56.75	22.5	28.3	91	68	NWbyW 1	ENE 1	8	8	4.6
13	57.61	56.95	27.5	29.5	77	66	NE 4	ENE 2	7	4	.....
14	57.87	57.40	25.3	29.1	85	70	W 1	N 2	7	4	.....
15	58.27	57	24	28.5	91	76	W 1	NE 1	4	8	.....
16	57.09	55.95	25	29	88	74	N 1	NNE 2	8	7	.....
17	56.67	56	24.5	28.5	87	74	NW 1	NE 2	8	7	.....
18	57.97	56.95	24.5	28.5	87	74	W 1	NNE 2	7	6	.....
19	58.16	57.11	25	28.5	88	73	NWbyW 1	NE 2	10	7	1.5
20	57.92	56.56	27	28.5	83	76	NNE 2	NE 3	10	7	.....
21	58.10	56.31	27	28.5	85	73	NE 3	NEbyN 3	7	5	.....
22	57.77	56.50	23.5	28.7	85	76	WNW 1	NNE 3	6	7	6.6
23	56.76	56.72	25	25.9	83	83	NW 1	NNE 4	7	10	.8
24	57.12	56	25	27	88	84	WNW 1	NE 5	10	8	21.3
25	56.69	55.28	24	28	96	74	W 1	NE 1	10	9	.....
26	55.87	54.88	24.3	28.5	93	74	NW 1	NE 2	9	8	3.3
27	55.94	55.34	24.3	26.7	94	83	W 1	NE 4	10	9	31.7
28	56.23	55.92	24.4	27.7	92	79	W 1	NNE 2	9	8	.....
29	57.44	56.20	24	28	85	79	WNW 1	NE 1	9	10	6.9
30	57.42	56.37	23.5	28.3	93	75	W 1	S 2	9	7	.....
31	58	57.33	23.5	27.9	91	74	W 1	N 1	10	10	.....
Mean	57.49	56.42	24.8	28.3	88.3	74.5	1.4	2.3	8.2	7.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	210

YAP (WESTERN CAROLINES).

[$\phi = 9°\ 29'$ N; $\lambda = 138°\ 08'$ E; barometer above sea, 31.85 meters; gravity correction not applied, —1.87 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.14	57.64	25.6	31.2	78	64	E 2	E 2	8	3	2.8
2..	57.42	56.47	25	31.5	95	73	E 2	ENE 2	10	10	4.6
3..	57.81	56.98	24.5	31	96	69	Calm	EbyN 1	5	7	.3
4..	59.09	57.96	24.5	31	92	72	Calm	NEbyE 2	6	9	.....
5..	60.16	59.07	25.5	31.7	83	66	NE 2	NE 2	10	8	1
6..	59.38	58.81	24.6	30.9	95	70	ENE 2	NNE 2	7	9	1
7..	58.91	58.32	25.6	25	91	96	NE 3	NE 2	10	10	59.9
8..	60.14	58.74	24.5	30	92	73	NE 2	NE 3	10	7	1.3
9..	60.44	59.86	24.5	26.5	96	86	NE 1	NE 2	10	10	5.1
10..	60.51	58.96	25.3	29.5	91	79	E 2	NE 3	10	10	.8
11..	59.67	58.61	25	30.7	96	74	NE 2	NE 2	10	9	13
12..	58.68	57.20	25.5	29.7	88	75	NE 3	NEbyE 3	10	10	27.7
13..	58.14	57.34	26	30.2	84	77	NE 4	NE 2	10	8	.6
14..	57.44	56.17	25.8	30.5	89	75	NE 2	ENE 3	8	9	.3
15..	57.41	56.39	26	27	85	86	E 2	ENE 2	9	10	14.2
16..	57.65	56.45	25	26	93	85	E 3	E 3	10	10	38.9
17..	58.88	57.14	24.1	30.5	97	75	E 2	E 3	10	9	6.3
18..	58.13	57.09	25.5	31.5	92	73	E 2	E 2	10	7	.3
19..	58.46	56.56	25.6	30.1	88	77	Calm	ENE 2	9	9	.....
20..	57.34	56.02	25.2	30	92	71	E 2	E 3	10	3	.....
21..	57.12	56.37	25	31.2	92	68	NE 2	E 2	10	8	.3
22..	57.67	56.59	25.6	29.8	87	70	E 2	E 2	10	10	.....
23..	58.21	56.55	24.9	30.5	87	75	NE 2	ENE 2	9	5	23.6
24..	58.13	57.29	23.3	26.1	90	88	NEbyE 3	ENE 2	10	10	14.2
25..	57.80	57.29	24.2	29.5	91	75	NEbyE 2	NE 2	9	9	5.1
26..	58.39	57.05	24.5	30	96	73	NE 2	ENE 3	10	8	.3
27..	58.21	57.04	24.5	30.5	87	69	NE 2	NE 2	8	7	.....
28..	57.67	56.77	24.7	30.5	87	70	NE 3	E 2	9	9	.....
29..	57.78	56.91	23	30.6	90	72	Calm	E 1	9	4	.....
30..	57.98	56.81	23	30.8	91	63	Calm	NE 2	2	6	.....
31..	57.41	56.43	25.1	28.6	87	74	NE 1	ENE 2	10	10	.....
Mean	58.39	57.32	24.9	29.8	90.3	74.6	1.8	2.2	9	8.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	221.6

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.56	56.33	24.5	30.5	87	65	Calm	E 2	7	8	.....
2..	57.04	56.56	24.7	29	86	71	ENE 2	ENE 3	8	9	0.8
3..	57.84	57.22	25	31	88	62	NE 3	NE 2	9	6	2.3
4..	59.20	58.44	24	28.5	97	70	ENE 2	NE 3	8	10	10.7
5..	59.65	58.96	24.4	29.8	97	69	NE 2	E 2	10	10	6.6
6..	60.72	60.15	25.8	30.2	81	69	NE 3	NE 4	10	9	.....
7..	60.61	59.21	25.6	29	83	71	NE 4	NE 3	10	10	12.4
8..	59.92	58.64	24.5	31	92	62	Calm	ENE 2	10	8	2.5
9..	59.89	58.35	21.9	30.5	83	62	Calm	Calm 3		9	.....
10..	59.24	58.76	23	30	91	68	Calm	NE 2	6	10	.....
11..	59.52	57.61	24.9	28.7	84	73	NE 2	NE 2	10	10	10.2
12..	59.66	58.95	25.2	24.4	92	95	NE 2	ENE 2	10	10	16
13..	59.49	58.89	25.5	31	93	69	EbyN 2	ENE 2	10	9	4.1
14..	60.17	59.06	23.6	29.4	94	74	NE 1	ENE 2	7	9	1.5
15..	59.67	58.25	25.2	30.2	80	68	NE 2	NE 2	8	8	15
16..	59.52	58.24	24.5	31	96	70	E 2	ENE 2	10	7	1.1
17..	59.06	57.81	24.5	31	96	72	Calm	E 1	8	9	.3
18..	58.24	56.51	25.2	29.6	90	74	E 2	NE 2	7	9	.....
19..	57.48	56.48	23.5	30	91	71	Calm	Calm 6		8	2.5
20..	58.52	57.41	24	31.5	96	66	Calm	ENE 2	9	8	1
21..	59.06	58.11	24.9	30.5	92	68	Calm	NE 2	9	8	.....
22..	59.26	58.27	25.4	31.5	78	63	E 2	E 2	8	7	5.6
23..	59.37	57.18	24	28.2	97	79	NNE 1	ENE 2	10	10	.....
24..	58.52	57.21	24.5	26	92	76	NE 2	ENE 2	8	9	.....
25..	58.26	57	25.4	31.6	84	63	E 2	E 2	9	7	1.3
26..	58.06	56.59	25.2	31.3	84	64	ENE 2	E 3	6	4	3.8
27..	56.78	55.55	25.5	31.5	90	67	E 2	E 2	7	3	6.6
28..	56.07	55.62	25.6	31.1	90	72	ENE 3	E 3	10	8	3
29..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.87	57.76	24.6	29.9	89.4	69.8	1.5	2.1	8.3	8.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	107.3

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.11	56.60	25.2	22.6	94	96	NE 1	SE 1	10	10	30.8
2..	57.79	56.33	23.5	30	96	76	Calm	NE 2	6	9	22.9
3..	57.44	56.08	23.5	31	93	73	E 5	ENE 3	10	10	8.1
4..	56.60	56.23	25.5	27.5	84	88	ENE 2	E 2	8	10	1
5..	56.93	56.25	25.1	29.1	92	82	NE 2	ENE 2	10	10	5.8
6..	57.71	56.50	25.3	31.5	83	65	ENE 2	NE 3	4	5	.....
7..	56.92	56.42	25.7	30.2	82	71	ENE 3	ENE 2	9	8	.....
8..	56.71	55.42	26	31	84	71	E 2	E 2	10	7	2.3
9..	56.29	55.45	25.5	31.5	84	66	EbyN 3	ENE 3	7	4	.....
10..	57.56	57	25	30	88	71	NEbyE 1	E 2	10	10	.....
11..	57.54	56.54	25.5	30.2	83	71	ENE 2	E 3	9	8	.....
12..	56.50	55.29	25.6	30.7	82	70	E 2	ENE 3	9	9	.....
13..	56.77	55.91	25.5	30	88	69	ENE 3	ENE 3	7	10	.....
14..	57.66	56.72	25	30.5	80	64	ENE 2	ENE 3	9	8	.3
15..	58.77	57.95	25.5	31.2	84	70	ENE 2	E 2	9	8	.....
16..	58.94	57.04	25.1	30.5	87	69	NE 1	ENE 2	5	9	.....
17..	57.89	57.15	25.9	32	78	63	E 2	E 2	7	6	4.1
18..	58.56	57.52	24.5	29	92	84	NE 2	Calm 1	5	9	7.9
19..	58.01	57.19	24.5	32	92	67	NEbyE 1	ENE 2	10	6	2.8
20..	58.51	56.89	24.5	31.6	92	63	Calm	ENE 2	7	6	.....
21..	58.26	57.01	25.4	32	87	63	Calm	ENE 2	6	5	.5
22..	58.82	57.46	23.9	31	92	72	Calm	Calm	4	7	4
23..	57.79	56.45	23.7	28.4	97	82	NE 1	EbyN 1	7	8	.5
24..	57.36	56.31	25.1	30	90	71	NE 1	E 2	10	7	.8
25..	57.93	57.05	25.5	30.2	84	78	ENE 2	E 2	5	10	50.6
26..	58.68	57.41	23.4	29.5	98	68	Calm	ENE 2	10	7	5.8
27..	59.32	58.44	24.5	31.5	87	63	ENE 1	E 2	4	8	.....
28..	60.12	58.79	25	31.1	92	66	NNE 1	ENE 2	4	9	.....
29..	59.88	58.74	25.4	31	86	75	NE 2	ENE 2	10	7	13.5
30..	59.98	58.78	23.7	26.1	93	93	ESE 2	E 1	10	10	11.4
31..	59.38	58.69	25.8	31.7	89	68	E 2	E 2	8	4	.....
Mean	57.99	56.96	24.9	30.1	88.2	72.5	1.6	2	7.7	7.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	173.1

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.81	58.26	24.7	31.7	83	65	NE 1	EbyN 2	9	7	.....
2..	58.69	57.39	26	30.1	84	68	ENE 2	E 2	10	8	3.6
3..	58.11	57.46	26.1	30	83	75	E 2	E 2	5	8	2.3
4..	58.72	57.69	25.3	32.5	93	70	Calm	E 2	10	9	14.2
5..	58.56	57.81	25	28.5	92	81	E 2	Calm	10	10	6.1
6..	57.84	57.39	24.3	30	97	75	Calm	E 2	4	10	2.8
7..	58.53	57.22	25.5	31.6	83	65	E 2	E 2	8	7	.....
8..	58.07	57.24	26	32	84	67	E 2	E 2	8	8	.3
9..	58.66	57.49	26	31.6	81	68	E 2	E 2	4	8	.....
10..	58.93	56.87	24.5	31.2	92	65	Calm	E 2	2	5	.....
11..	57.86	56.45	24.8	31.6	87	65	Calm	E 2	3	4	3.8
12..	57.64	56.40	25	31	92	71	E 2	E 2	4	7	.5
13..	58.02	57.23	25.8	31.6	82	68	E 2	E 2	3	7	3
14..	58.83	57.41	24.1	31.2	97	68	ENE 1	E 2	8	8	.....
15..	58.94	57.50	23.6	30.6	95	65	Calm	E 1	9	9	.....
16..	58.57	56.99	24.6	30.5	93	72	Calm	E 2	10	10	.....
17..	58.64	57.30	25	31.8	92	67	Calm	ENE 2	7	7	.....
18..	58.99	57.34	25.5	30.3	92	71	NE 1	ENE 2	8	9	9.1
19..	58.51	56.61	24.8	31	95	72	NE 1	ENE 3	7	8	5.1
20..	58.17	57.53	26.6	30.5	84	72	E 2	NEbyE 2	8	10	.....
21..	57.56	56.15	25.5	32	85	61	NE 2	E 2	8	6	.....
22..	57.48	56.66	26.1	31.2	83	68	NEbyE 2	E 2	9	10	.....
23..	57.79	56.95	25.6	32.1	87	64	NE 1	EbyN 2	5	9	.....
24..	57.62	56.60	26.6	30.7	85	70	EbyN 2	E 2	10	10	.....
25..	57.66	56.48	26.8	31	90	69	Calm	E 2	10	10	5.3
26..	57.58	56.39	24	28.3	96	82	Calm	Calm 6		10	11.4
27..	57.29	56.23	24.5	31	96	69	Calm	SE 1	10	9	.3
28..	57.96	56.46	25.7	30.6	93	69	Calm	Calm 4		9	.....
29..	57.92	56.84	26.4	27.1	89	88	Calm	E 2	8	10	.8
30..	57.97	56.49	26.7	32.6	90	63	E 2	E 2	7	7	1.5
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.23	57.03	25.4	30.9	89.2	69.8	1	1.8	7.1	8.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	70.1

YAP (WESTERN CAROLINES).

[$\phi = 9°\ 29'$ N; $\lambda = 138°\ 08'$ E; barometer above sea, 31.85 meters; gravity correction not applied, —1.87 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	58.22	57.26	26	31.7	92	65	E	2	E	2	6	5	.....
2	58.11	56.49	25.8	32.4	92	64	ENE	2	Ebyn	2	9	4	0.8
3	57.63	56.21	26.5	32.8	82	62	ENE	2	E	2	5	4	47.5
4	57.89	57.11	24.6	26.8	96	94	NE	1	E	2	10	10	25.6
5	58.96	57.90	25.7	31.1	88	69	E	1	E	2	10	6	14.7
6	58.73	57.36	26	30.1	92	77	E	2	E	2	10	10	.3
7	59.16	58.26	24.8	29.7	93	80	Calm		NE	2	10	10	26.2
8	58.18	57.83	26.6	32	83	69	E	2	E	2	9	8	1.8
9	59.21	58.34	25.5	28.7	92	80	Calm		Calm		10	10	50.3
10	59.19	57.94	25	31.2	92	74	Calm		E	2	10	9	.....
11	58.42	56.94	25.5	31	88	65	E	2	E	2	2	5	.....
12	58.73	58.40	24.8	31.6	92	68	Calm		ESE	1	1	9	.3
13	60.01	58.66	24.3	30.1	97	71	Calm		Ebyn	2	2	9	.....
14	59.83	58.46	26	30.5	89	69	NE	1	ENE	1	7	8	25.4
15	60.13	59.06	26.5	30.5	88	71	Ebys	2	SE	2	9	9	.....
16	60.39	59.19	25.5	30.5	93	68	E	2	E	2	8	8	.....
17	60.61	58.68	25	31.6	93	72	Calm		E	2	9	9	.....
18	60.38	58.59	26	30.6	92	72	NE	1	E	2	5	8	54.1
19	58.89	57.01	23.6	26.6	96	90	NE	1	E	2	10	10	25.6
20	57.54	56.59	25.1	30.5	93	75	ENE	1	ENE	2	7	9	.....
21	58.01	57.11	25.5	30.6	84	72	Calm		ENE	2	2	8	9.4
22	58.33	57.11	24	26.5	94	93	E	2	Calm		10	10	4.8
23	58.36	57.23	24.8	32	96	70	Calm		E	2	10	7	.3
24	58.12	57.76	26	25.5	94	89	Calm		Calm		10	10	7.2
25	58.33	57.64	24.5	31.3	97	73	Calm		E	2	10	7	2.5
26	58.68	57.81	25.7	31.6	90	72	E	1	E	2	9	6	.....
27	59.03	58.35	25.6	31	94	71	Calm		E	2	10	10	.....
28	58.79	57.36	24.9	28.3	97	82	Calm		E	2	10	10	1.3
29	58.89	58.02	26	27.6	87	80	SE	2	Calm		7	10	13
30	60.12	59.19	25.5	30.5	88	74	Calm		ESE	1	10	8	.....
31	60.63	59.36	26.3	30.6	90	71	Calm		E	2	8	6	.....
Mean	58.95	57.85	25.4	30.2	91.4	74.3	0.9		1.6		7.9	8.1	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	311.1

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	59.38	57.80	26.5	31.1	88	71	Ebyn	2	ENE	3	7	8	14
2	58.81	57.29	24.5	30.5	95	76	ENE	1	E	3	10	8	13
3	57.78	56.79	26.5	30.2	85	78	ESE	3	E	3	5	8	.5
4	57.58	57.19	25.9	29.7	92	71	NE	2	ENE	3	2	8	2.3
5	57.73	56.93	26	31	84	72	E	2	E	2	7	10	44.4
6	58.66	58.53	24.3	24	97	94	Calm		E	3	10	10	6.3
7	59.38	58.19	24.5	31	96	72	Calm		Ebyn	2	10	9	.3
8	59.02	58.19	26.1	29.3	88	76	E	2	ENE	2	7	8	3
9	58.41	57.74	26.5	29	85	81	E	2	ESE	2	5	8	5.9
10	58.58	57.41	26.4	30.5	80	75	E	2	E	2	7	7	.....
11	58.74	57.51	25.5	30.5	92	72	Calm		ENE	2	3	8	.....
12	58.19	57.63	25.5	28.5	90	80	Calm		Calm		9	10	5.3
13	57.82	57.44	26.2	28	90	82	E	1	E	2	7	10	.8
14	58.06	57.21	26.1	26.1	91	93	NE	2	NE	2	10	10	12.4
15	57.78	56.88	25.2	28.1	95	84	Calm		Calm		10	10	3.8
16	58.47	57.79	25.1	26.1	96	88	Calm		Calm		8	10	1.3
17	59.02	57.63	24.9	30	92	71	Calm		Calm		10	7	7.6
18	59.32	58.30	24.9	28.1	97	85	Calm		Calm		8	10	42.6
19	60.07	59.12	24.7	29.2	87	79	S	2	E	1	10	10	10.2
20	60.38	58.76	25	31.9	96	67	Calm		Calm		10	9	.3
21	58.26	56.86	26.7	30.5	92	76	ENE	1	E	2	7	9	16.5
22	57.48	55.92	25	29.6	96	74	Calm		Calm		10	7	.3
23	57.32	56.79	26	30.3	84	76	Calm		Calm		7	8	.....
24	58.48	58	26.6	30	83	71	Calm		Calm		10	9	.....
25	58.81	57.73	25.1	30.7	95	70	Calm		SE	1	8	7	.3
26	58.91	57.40	24.9	30.1	93	71	Calm		Calm		9	6	.....
27	59.18	58.43	26.8	30.7	86	72	Calm		Calm		5	7	.....
28	59.88	58.60	25.3	29.4	93	76	Calm		Calm		10	10	1.5
29	59.42	57.76	24.5	29	96	75	Calm		Calm		10	8	1.6
30	58.01	56.93	26.1	28.6	85	81	Calm		Calm		10	10	6.4
31	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	58.63	57.62	25.6	29.4	90.6	77	0.7		1.2		8	8.6	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	200.6

JULY.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	58.21	57.14	25.7	29.5	86	71	Calm		Calm		10	10	.....
2	57.86	57.15	26	30.1	84	68	Calm		Calm		6	10	18.3
3	58.18	56.61	25.1	28.8	95	77	Calm		Calm		10	10	3.8
4	57.52	55.66	24.5	30.5	96	70	Calm		WSW	1	10	10	19.1
5	58.02	56.55	23.2	26.5	95	88	Calm		Calm		10	10	39.1
6	57.60	56.39	23.5	28.5	98	80	Calm		NNE	2	10	10	19.9
7	58.44	55.89	23.3	27.9	97	86	Calm		ENE	2	10	10	3.1
8	57.61	56.78	25	26.5	92	86	Calm		SE	2	10	10	11.9
9	57.67	56.61	25	27	92	86	Calm		Ebys	1	10	10	19.8
10	58.27	56.11	24.1	28.5	95	82	Calm		ENE	2	10	9	1.6
11	57.29	56.69	25	30.8	96	74	Calm		E	2	7	9	.5
12	57.31	56.21	24.9	28.6	95	84	Calm		Calm		10	10	.5
13	56.54	55.57	26.6	27.5	88	81	ESE	2	S	2	7	10	55.6
14	56.41	55.27	24.4	29.5	97	79	Calm		Calm		10	8	54.6
15	57.72	55.96	23.5	27.7	96	79	Calm		E	2	10	10	.5
16	57.09	56.73	25.7	29.6	94	78	Calm		E	2	9	10	5.9
17	57.57	56.82	25.4	28.4	93	85	Calm		ENE	2	10	10	12.2
18	57.92	56.93	25	29.6	96	77	Calm		ebys	2	10	9	39.7
19	57.88	56.63	24.1	29	99	81	Calm		E	2	10	10	29.2
20	58.75	57.60	25	27.6	92	81	Calm		Calm		10	10	.5
21	58.73	57.94	25.6	29.4	87	72	Calm		Calm		9	7	.....
22	59.21	58.53	26	31	88	72	ESE	2	SE	2	8	6	.....
23	59.80	58.93	26	30.5	85	68	Calm		WSW	2	3	8	.....
24	58.96	57.54	25	29.7	89	70	Calm		S	1	9	7	2.5
25	58.81	56.51	25.1	29.4	95	68	Calm		SSW	2	10	9	6.9
26	57.96	57.20	25.5	28.6	88	73	Calm		S	2	10	9	2.8
27	57.77	57.24	25.9	29	90	77	S	1	SSE	2	7	10	2.3
28	58.79	57.09	25.8	30.6	87	72	SSE	1	Calm		7	10	.....
29	59.33	57.59	25	30.6	94	71	Calm		Calm		10	10	2
30	59.29	58.23	26	31.2	86	68	SSE	1	ESE	1	10	10	.....
31	59.42	58.42	25.4	32	89	67	Calm		SE	1	7	5	.....
Mean	58.13	56.92	25	29.2	92.1	76.5	0.2		1.2		9	9.2	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	352.3

AUGUST.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	59.75	57.99	23.5	31.6	96	68	Calm		SE	1	5	7	.....
2	58.86	57.83	24.1	27.1	95	81	Calm		NE	2	10	10	.....
3	57.93	57.69	25.6	25.1	84	93	E	2	Calm		10	10	4.1
4	58.26	58.51	25.6	29.2	87	70	Calm		Calm		7	10	.8
5	58.92	57.84	25.6	29.3	88	79	Calm		NNE	2	10	8	1
6	57.62	56.53	25	29.6	96	77	Calm		Calm		9	9	10.7
7	56.87	56.84	24.5	25.5	96	92	Calm		Calm		7	10	2.5
8	56.93	56.44	27	31.8	84	67	SE	1	Calm		7	7	.3
9	57.73	56.47	25.1	33	93	67	Calm		NE	2	9	7	2
10	58.29	57.17	25.8	29	89	75	Calm		Calm		10	10	.....
11	58.23	57.44	26	31.5	85	69	Calm		SE	1	1	7	.....
12	58.44	57.20	25	29.7	88	69	Calm		Calm		10	10	.....
13	57.69	56.26	25.6	31	95	69	Calm		WSW	1	10	10	21.6
14	57.01	55.71	25.7	29	86	78	Calm		S	2	10	9	7.1
15	56.60	55.66	25.4	28.6	86	77	Calm		SSE	1	10	10	6.1
16	57.23	56.40	26.9	31.1	85	69	SE	2	SE	1	9	7	16
17	57.77	56.54	26.5	30.4	88	78	Calm		E	1	9	10	3
18	58.06	57.20	26.5	31.6	92	75	Calm		Calm		8	8	.8
19	58.51	56.77	24.6	26.6	95	91	Calm		Calm		6	10	8.4
20	58.52	57.30	25.2	29.2	91	77	Calm		Calm		5	7	5.6
21	58.38	57.34	26	32	85	63	Calm		WNW	1	8	9	2.8
22	58.42	57.69	24.5	28.5	93	75	Calm		S	2	10	9	12.4
23	59.03	58.84	26	29	87	74	Calm		SSE	2	9	9	8.4
24	60.66	58.93	26.6	31	90	72	Calm		E	2	10	9	15
25	60.23	58.43	25.6	31	95	68	Calm		Calm		10	8	20.6
26	58.48	57.98	23.5	25	96	96	Calm		Calm		10	10	30.5
27	57.63	56.90	24.8	30	88	69	Calm		Calm		10	10	.....
28	58.26	57.35	25.6	27.5	87	81	Calm		SW	1	8	10	32.8
29	58.65	57.19	24.2	27.1	96	83	SW	2	Calm		10	10	4.3
30	56.74	56.64	25	25	92	92	Calm		Calm		10	10	8.9
31	57.43	56.02	24.6	31.1	96	69	Calm		E	2	10	8	3.3
Mean	58.17	57.20	25.3	29.3	90.5	76.2	0.2		0.8		8.6	9	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	229

YAP (WESTERN CAROLINES).

[$\phi = 9°\ 29'$ N; $\lambda = 138°\ 08'$ E; barometer above sea, 31.85 meters; gravity correction not applied, —1.87 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.44	57.35	25.9	28	88	81	SE 2	SE 2	10	10	51.5
2	59.46	57.93	23	28.2	96	76	SSW 1	WSW 1	10	10	1.5
3	58.34	57.30	25	29.6	92	64	SSW 2	SSW 2	10	10	.....
4	56.97	56.36	27	30.5	81	69	SSE 2	SSE 2	9	10	.....
5	58.17	57.26	27.2	31.6	83	71	SE 2	SE 2	8	6	.8
6	59.02	58.20	25.4	30.1	93	75	E 2	SE 2	9	8	.....
7	58.68	57.69	25.3	26.4	89	94	Calm	Calm	10	10	20.3
8	58.04	56.88	25.8	32.1	90	69	Calm	E 2	9	8	9.4
9	58.26	57.41	25	28	96	82	Calm	Calm	9	10	15.3
10	57.96	56.68	24.6	28.6	95	79	Calm	NW 2	5	9	8.6
11	58.42	57.16	25	29	88	74	Calm	WSW 1	10	10	9.1
12	58.98	58	25.5	30.5	88	66	Calm	Calm	9	5	.....
13	59.81	58.44	24	32.2	91	61	Calm	NNE 1	4	5	1.3
14	58.83	57.28	24.9	32.1	85	68	Calm	ENE 2	4	8	15.5
15	59.13	57.05	25.5	29	88	69	SE 3	Calm	10	10	.3
16	58.11	57.13	25	26	93	78	Calm	Calm	10	10	22.7
17	56.74	56.09	25.1	30.5	95	70	Calm	ENE 2	7	7	8.9
18	58.16	57.14	23.8	29.1	93	76	Calm	NE 1	10	10	19.6
19	58.78	58.60	24.6	24	95	95	Calm	SEbyE 1	10	10	40.6
20	58.64	57.06	24.1	31.3	94	64	Calm	E 1	10	4	.....
21	59.33	58.41	25.4	31.4	88	69	E 2	Calm	8	6	15
22	59.41	57.86	23.9	27.6	93	84	Calm	Calm	7	10	1.3
23	58.31	56.69	24.6	29	88	74	Calm	SE 2	10	9	36.3
24	57.67	56.98	24.1	24	96	97	SSW 2	S 2	10	10	47.5
25	57.44	56.73	24.3	24.5	93	92	SW 2	S 2	10	10	6.9
26	57.52	56.90	25.9	30.8	89	71	SSE 1	SE 1	10	8	.....
27	59.18	57	26.4	30	90	70	Calm	Calm	10	10	48.8
28	58.62	58.08	24	25	97	92	Calm	SE 2	10	10	24.9
29	58.55	57.57	24.5	31.1	94	71	Calm	E 2	10	9	7.1
30	57.97	58.43	26	25.5	88	92	Calm	Calm	10	10	32.5
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.43	57.39	25	28.9	91	76.4	0.7	1.2	8.9	8.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	445.7

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.68	57.14	24	29.1	96	77	Calm	SE 2	10	10	15.2
2	58.83	58.01	24.7	26.3	90	86	E 2	SE 2	10	10	3
3	58.63	57.79	24.5	29.6	96	74	Calm	Calm	10	9	4.1
4	58.78	57.06	24	31	92	69	Calm	Calm	8	7	.8
5	57.68	56.72	24.1	29	95	71	Calm	Calm	9	10	.8
6	58.23	57.58	24.1	28.5	97	78	Calm	ESE 1	10	10	6.3
7	59.07	57.96	24	28.6	96	78	Calm	Calm	10	10	1.6
8	59.51	58.40	24.5	26	92	90	Calm	Calm	10	10	1.1
9	59.53	57.75	24.2	30.2	95	74	Calm	E 2	6	8	.5
10	58.97	57.90	26.5	24.2	88	95	E 2	NE 2	9	10	26.4
11	59.32	58.55	25.6	31.5	84	69	SSE 2	E 2	8	9	.....
12	59.79	58.48	24.9	32.7	84	69	Calm	E 2	7	6	19.3
13	59.49	58.39	25	29.5	92	85	Calm	Calm	8	9	48.5
14	59.20	57.60	23.2	29.7	95	77	Calm	E 1	10	10	3.3
15	58.04	56.44	25.5	30.5	96	75	Calm	Calm	9	10	3
16	56.34	55	26	32	93	69	E 1	ESE 1	9	7	6.1
17	55.93	54.59	25.5	29.5	93	73	E 2	Calm	10	10	8.9
18	56.33	56.09	25.5	31	88	69	S 1	Calm	6	7	.3
19	57.38	55.89	26.5	31	90	70	E 2	E 2	8	8	10.2
20	57.79	56.57	25.1	29.1	96	77	Calm	Calm	10	10	5.8
21	58.28	57.21	24.1	30.8	91	72	E 1	ESE 2	10	8	4.3
22	58.21	56.69	25	31.5	96	70	NE 2	ENE 2	9	7	1.3
23	57.74	56.20	25.1	31.7	95	71	Calm	NE 2	7	9	.....
24	57.56	55.90	25.1	33	95	67	Calm	E 2	6	6	1
25	57.48	55.50	24.9	30.6	97	72	Calm	Calm	4	8	3.3
26	56.96	55.56	24.2	29.4	98	79	Calm	Calm	5	8	4.3
27	56.52	55.41	25	30.5	96	75	Calm	E 1	4	7	2
28	57.22	56.89	26.1	29.5	84	78	Calm	SE 2	10	10	21.4
29	58.17	56.28	24.5	31	96	71	Calm	Calm	10	8	.5
30	57.33	56.14	24.5	24.5	96	95	Calm	Calm	10	10	6.4
31	55.35	54.31	25.8	31.7	93	71	ENE 2	E 3	8	7	.....
Mean	58.01	56.77	24.9	29.8	93.1	75.7	0.5	1	8.4	8.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	209.7

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	56.41	55.20	26	32.4	90	67	ENE 2	E 2	9	4	0.3
2	57.20	56.18	26.6	28.6	87	78	E 2	Ebys 2	10	10	7.4
3	58.11	56.38	24.7	30	94	78	Calm	Calm	10	10	5.8
4	58.03	56.96	24.9	26.5	97	88	Calm	E 2	10	10	3.3
5	58.36	56.55	25.1	29.4	98	79	NE 1	E 2	10	10	3.6
6	57.95	56.89	25.6	31.5	95	72	ENE 2	ENE 2	10	8	.8
7	57.67	56.20	25.7	31.2	91	72	ENE 1	E 2	10	7	2.3
8	57.24	56.26	25.1	29	95	78	Calm	Calm	10	10	3.5
9	56.71	55.21	25.2	31.3	94	73	NEbyE 2	E 2	10	10	13.5
10	57.16	56.08	24.9	29	97	79	SE 2	Calm	10	9	2.3
11	57.08	56.06	26	29.7	92	73	Calm	Calm	10	8	1.6
12	57.82	56.54	26	29.7	89	76	Calm	E 1	9	9	27.4
13	57.96	56.54	26.1	30.5	87	76	E 1	Calm	6	8	6.4
14	57.39	56.08	25.2	31.9	92	70	Calm	E 2	10	9	.6
15	56.45	55.82	24.9	27.6	92	91	Calm	Calm	10	10	16.8
16	58.22	56.67	24.5	30	96	73	Calm	Calm	10	6	.3
17	58.08	56.91	24.4	26.3	92	90	Calm	Calm	4	10	56.2
18	57.83	56.69	24	29	96	78	Calm	Calm	5	9	1.5
19	57.26	55.78	25	29.4	96	83	Calm	ENE 2	7	10	50.6
20	57.86	56.96	25.5	25.6	97	95	Calm	E 2	10	10	7.1
21	57.96	56.97	26.5	30	88	77	E 1	E 3	9	10	1.3
22	57.90	56.50	26	31.5	92	70	E 2	ENE 3	10	8	10.2
23	57.63	56.45	26.5	26.5	88	89	E 3	Calm	10	10	34.5
24	57.72	56.96	24.5	29.2	96	76	Calm	E 2	10	10	.3
25	57.88	56.70	26	32	92	67	ENE 2	ENE 2	5	7	13
26	58.23	57.48	26	32.5	88	69	Calm	Calm	8	6	5.6
27	58.69	56.87	24	31.3	96	73	Calm	ENE 2	7	8	.8
28	58.61	57.92	25.2	31.2	90	74	Calm	NE 2	6	7	.3
29	59.23	58.54	25.2	31.5	96	75	NE 1	NE 2	7	8	5.3
30	59.22	57.69	24.5	32.3	96	71	Calm	E 2	8	8	15
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.80	56.60	25.3	29.9	93	77	0.7	1.3	8.7	8.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	297.6

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.13	58.06	26.3	31	86	67	E 2	ENE 3	5	5	1.5
2	59.21	57.66	24.6	31	91	70	E 2	NE 2	9	6	35
3	59.05	57.55	24.1	30.5	99	72	NE 2	E 2	9	7	16.2
4	58.42	56.71	24	31.3	96	68	ENE 5	NE 3	10	9	11.2
5	57.02	55.40	25	30.1	92	80	Calm	ENE 2	10	10	9.4
6	55.99	54.54	24.5	27.6	96	84	E 1	ESE 1	10	10	19.8
7	54.88	54.07	26	30.6	91	72	E 2	E 2	10	10	2
8	56.89	56.31	25	26.2	92	90	Calm	E 1	10	10	41.2
9	57.27	56.18	24.6	28.9	97	79	Calm	E 2	8	10	1.5
10	57.32	56.25	25.5	31.5	96	72	NE 1	Calm	7	7	.....
11	56.86	55.32	24.2	29.5	94	79	Calm	NE 1	2	6	.3
12	56.43	55.94	25.1	32	94	67	Calm	NNE 1	7	8	4.6
13	57.14	56.18	24.6	31	95	65	Calm	E 2	9	8	.....
14	57.51	56.36	24	31.5	87	66	Calm	NE 2	10	9	3.3
15	57.13	55.94	25.2	29.6	94	78	NE 2	E 2	10	10	.5
16	56.63	55.51	24.7	31.5	94	70	Calm	E 2	7	9	.5
17	56.91	55.75	25	30.8	92	71	ENE 1	EbyN 2	9	8	.3
18	57.29	55.94	25.6	31	87	72	ENE 2	E 2	7	6	.....
19	57.71	56.90	25.6	31.6	91	70	ENE 1	NE 3	5	8	1.5
20	56.99	56.01	25.5	29.6	92	75	NE 3	E 2	9	10	2
21	57.17	56.82	25.2	29	90	78	E 3	E 3	10	10	1.3
22	56.88	55.62	25.6	29	84	74	E 3	ENE 3	10	10	5.8
23	56.19	55.13	25	27.6	96	81	E 3	E 4	10	10	49
24	57.94	57.18	24	24.6	92	95	Calm	Calm	10	10	11.9
25	57.15	56.47	23.5	29.5	96	72	Calm	Calm	10	10	.....
26	56.27	55.85	25.5	30.5	90	66	Calm	Calm	9	8	.....
27	56.44	55.80	24.1	30	95	75	Calm	Calm	10	8	.....
28	56.87	55.95	23.9	28.7	96	80	Calm	Calm	3	9	.....
29	57.02	56.38	23.9	32	94	66	Calm	ESE 1	3	7	.....
30	57.31	56.54	24.7	32	94	69	Calm	Ebys 1	9	2	.....
31	57.56	56.91	24.5	32	92	68	Calm	Calm	5	7	19.6
Mean	57.18	56.17	24.8	30.1	92.7	73.9	1.1	1.6	8.1	8.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	238.4

IWAHIG.

[$\phi = 9°\ 44'$ N; $\lambda = 118°\ 38'$ E; barometer above sea, 4.26 meters; gravity correction not applied, —1.86 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	56.76	56.29	22.5	29.6	96	70	SW 1	SE 1	8	10	3.8
2	57.99	58.20	23.4	27	99	84	SSW 2	W 2	10	8	10.4
3	58.88	57.15	19.5	31.7	99	57	Calm	NE 3	4	4	.....
4	59	58.50	22.2	28.7	96	77	SW 1	SE 1	7	6	21.3
5	60.47	60.18	22.3	29.2	97	67	Calm	E 4	8	8	10.4
6	60.92	59.81	24.3	27.9	86	67	NE 2	E 5	7	10	.....
7	60.58	60.11	21	29.3	91	66	SW 1	ESE 3	7	6	.....
8	60.91	60.16	20.8	30.2	96	64	SSW 2	E 4	5	7	.....
9	61.43	60.65	21.7	29.6	96	67	WSW 1	E 4	8	8	.....
10	61.31	60.39	21	29.8	96	66	SW 2	E 4	7	7	.....
11	60.37	59	21.8	29.9	95	64	S 1	E 5	6	6	.....
12	59.68	58.52	24.4	29.2	90	68	Calm	E 5	7	8	.....
13	58.74	58.13	22.3	29.5	94	65	SSW 1	E 5	6	7	.....
14	58.75	57.88	21.8	30.3	95	70	SSW 1	ESE 4	6	8	.....
15	58.86	57.54	22.2	29.9	93	69	SW 1	ESE 4	5	8	.....
16	58.02	56.96	21.7	30.2	94	66	SW 1	E 4	8	8	.....
17	58.10	56.93	22	29.8	95	65	SW 2	NE 2	9	8	.....
18	56.98	55.49	22.1	29.2	96	78	W 1	SSE 3	5	9	1.6
19	56.78	56.01	22.5	27.8	96	77	WNW 2	ENE 4	5	10	.....
20	56.53	55.71	24.1	29.1	96	74	Calm	E 4	9	9	1.5
21	56.52	56.84	24.5	27.5	97	84	W 2	WSW 1	10	10	49.7
22	57.14	56.30	22.8	29.1	97	76	SSW 2	ESE 4	8	7	1.5
23	57.83	56.40	23	29	97	74	SSW 2	ENE 3	5	7	12.7
24	57.23	56.74	22.5	30.3	97	64	SW 2	ESE 4	7	6	.....
25	57.20	57.07	23.2	27.7	95	82	S 2	ESE 3	6	9	.3
26	58.03	57.45	23.4	27.9	97	71	Calm	E 4	8	9	.....
27	57.90	56.96	21.4	29.4	95	68	SSW 2	ESE 3	5	9	.3
28	57.31	56.84	21.3	30.4	95	68	SW 2	ESE 4	3	6	.....
29	57.23	57.01	22.1	28.8	97	73	WSW 1	E 4	8	9	.....
30	57.79	57.22	24	27.6	95	76	Calm	NE 3	8	10	.....
31	58.10	56.80	21.5	29.5	97	69	SSW 2	ESE 4	4	5	2.3
Mean	58.49	57.72	22.4	29.2	95.3	70.5	1.3	3.5	6.7	7.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	115.8

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12.) 6 a. m.	Wind, direction and force (0-12.) 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.72	56.45	21	30	96	65	SW 1	ESE 4	6	5	1
2	56.95	56.52	21.6	28.3	96	75	W 1	ESE 3	8	9	4.8
3	57.40	57.69	23.5	28.8	97	73	Calm	E 4	8	9	.....
4	58.43	58.42	22.9	26.2	96	84	SW 2	W 2	9	10	4.4
5	59.40	59.40	21.5	29	97	71	Calm	E 3	7	8	.1
6	59.66	59.74	21.4	29.4	97	71	Calm	E 4	4	6	.....
7	60.08	59.25	22	30.3	95	61	SSW 2	ENE 3	6	7	.....
8	59.91	59.06	22.9	29.3	96	66	SSW 2	ESE 3	6	7	.....
9	59.96	58.85	21.4	28	96	76	WSW 2	NW 3	3	7	27.2
10	59.37	58.54	21	28	95	76	WSW 2	E 4	6	10	.5
11	59.05	58.65	23.1	29	97	72	Calm	E 4	7	7	.....
12	59.96	59.56	22.3	28.2	96	76	SW 2	ESE 4	6	9	.....
13	59.47	58.49	21.9	29.9	96	69	SW 2	ENE 5	6	7	.....
14	59.14	58.29	23.7	27.8	96	71	Calm	E 5	9	9	55.1
15	60.41	58.72	21.9	27.4	97	77	Calm	ENE 3	10	7	1.3
16	59.30	58.78	22	27.9	96	79	SW 2	SE 2	4	9	.....
17	58.86	57.59	20.5	30.3	95	62	SW 2	NE 2	6	7	32
18	57.21	56.09	20.9	30	97	65	WNW 1	ESE 3	4	6	9.4
19	56.38	56.32	20.6	27.6	96	77	SW 2	SSW 3	5	8	10.7
20	57.61	57.34	21.8	30	96	69	SW 2	ESE 4	5	4	.8
21	58.65	59.01	23.7	27.2	94	78	Calm	E 4	9	10	2.3
22	59.08	58.47	24.2	28	93	74	SW 2	E 4	9	8	9.9
23	58.48	57.82	22.5	29.5	97	68	SW 2	E 4	4	8	.....
24	57.28	56.70	22.6	30	97	67	SW 1	E 2	8	6	.....
25	56.89	56.23	23.2	30	97	67	SW 2	ENE 4	4	4	.....
26	56.74	56.16	21.8	30.3	97	66	Calm	E 4	5	5	.....
27	56.15	55.23	21.5	29.7	95	69	SW 2	E 4	3	6	.....
28	56.02	55.66	21.6	30.6	98	62	SW 2	ENE 3	4	4	.....
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.41	57.82	22.1	29	96.1	70.9	1.3	3.5	6.1	7.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	159.5

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	56.69	55.85	21.8	29	96	76	WSW 2	ENE 3	3	9	.....
2	56.35	55.61	23	29.4	97	70	SW 2	ENE 4	6	8	.....
3	56.63	55.61	22.2	30.8	96	68	WSW 1	E 4	5	6	.....
4	55.63	55.31	23.3	30	96	69	SW 2	ENE 3	6	9	2
5	56.10	56.08	24.4	28.5	97	77	Calm	NE 3	7	9	12.5
6	56.96	56.36	23.4	28.3	98	81	SW 2	Calm	9	8	.3
7	56.97	55.95	22	30.5	96	66	SW 2	E 4	8	6	.....
8	56.14	55.46	22.3	30.4	95	60	SW 2	NE 4	5	4	.....
9	56.20	55.89	21.2	30.8	95	57	SW 2	SE 3	4	7	.....
10	57.31	56.09	22	29.9	95	72	WSW 1	ESE 4	8	8	.....
11	56.69	56.05	21.6	30.9	96	56	SW 2	ESE 4	7	6	.....
12	56.49	55.76	21.9	30.1	96	65	WSW 2	ESE 3	6	8	5.8
13	56.51	56.49	22.6	28.1	97	79	WSW 1	E 4	8	10	2.3
14	57.01	57.46	21.9	30.5	97	65	W 1	ESE 4	6	6	.....
15	58.54	58.13	23.1	29.8	96	66	SW 2	ESE 4	7	8	.....
16	58.65	57.69	23.6	30	91	69	Calm	ESE 4	9	8	.1
17	58.57	57.30	21.3	30.3	95	67	SW 2	ESE 3	4	5	.....
18	58.18	58.31	22.2	26.8	95	75	WSW 2	NW 3	6	8	.....
19	57.95	57.39	21.5	29	95	70	W 1	ESE 4	4	8	.....
20	57.95	57.50	22.3	30.5	97	68	W 2	ESE 3	5	5	6.3
21	58.65	58.16	21.4	30.5	96	68	SW 2	SE 4	6	6	.....
22	59.38	58.89	22.6	30.6	95	70	WSW 2	ESE 4	3	8	.....
23	58.72	58.38	20.8	30.5	94	66	WSW 2	ESE 4	2	5	.5
24	58.40	57.38	21.5	31	95	61	SW 2	ESE 3	6	5	.....
25	58.59	58.03	21.3	31	95	62	SW 2	E 4	3	5	.....
26	58.50	57.51	20.9	30.7	97	61	WSW 1	ESE 4	3	5	.....
27	58.87	58.45	21	31.9	95	56	SW 2	ESE 3	2	3	.....
28	59.30	58.94	20.6	31.5	96	53	SW 2	ESE 3	3	3	3.3
29	59.97	59.08	21.7	30.5	96	68	SW 2	E 2	4	7	4.6
30	59.61	57.82	20.8	31.5	96	60	W 2	ESE 3	5	8	1.3
31	58.85	57.24	22.4	31.8	96	58	W 2	ESE 4	4	4	5.3
Mean	57.75	57.10	22	30.2	95.7	66.4	1.7	3.4	5.3	6.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44.3

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12.) 6 a. m.	Wind, direction and force (0-12.) 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.95	57.58	23.3	31.4	96	65	Calm	ESE 4	5	6	.....
2	57.98	57.06	22.3	29	96	74	SW 2	SSW 2	7	7	1
3	57.64	56.82	21.8	31.2	96	62	SW 2	E 3	8	8	.....
4	57.73	56.86	22.1	32.2	96	55	SW 2	ENE 3	4	5	.8
5	58	57.28	22.7	30.6	97	62	Calm	ESE 3	4	7	.....
6	57.35	56.76	22	30	96	66	Calm	ESE 4	6	9	.....
7	57.26	56.46	22.6	28.3	97	77	Calm	SSW 2	8	9	14.2
8	56.76	56.04	21.8	30	96	65	SW 2	ESE 3	8	8	.6
9	57.03	56.07	22.2	31.3	93	63	SW 2	E 4	4	4	.....
10	57.70	56.34	23	31.9	97	66	SW 2	ESE 4	5	5	.....
11	56.38	55.63	23.5	31.8	96	60	WSW 2	E 4	3	8	.....
12	56.45	55.28	22.4	31.2	96	64	SW 1	ENE 4	7	7	2
13	56.70	57.27	22.9	25.3	96	94	Calm	NNW 2	6	9	52.4
14	58.20	57.47	21.4	23.8	98	97	SSW 1	WNW 4	4	8	2.6
15	58.45	56.10	21.7	31.4	97	62	SW 1	E 2	7	8	.....
16	57.40	55.54	21.3	31.7	94	60	SSW 2	ESE 3	3	4	.....
17	57.32	56.32	21.5	32.2	95	58	WSW 2	ESE 3	7	6	.....
18	57.48	56.18	23	31.8	95	65	WSW 2	E 3	6	5	.....
19	57.37	55.89	21.3	31.7	95	64	SW 2	E 4	3	5	.....
20	56.76	55.72	23	32.3	96	61	Calm	ESE 3	8	6	3.6
21	56.24	55.26	22.5	32	96	63	SW 2	E 3	4	7	.....
22	56.20	55.60	23	32	95	63	SW 2	E 4	8	8	.....
23	55.48	55.67	23.4	31.7	97	62	SSE 2	E 4	6	7	.....
24	57.20	56.38	23	31.8	95	58	WSW 2	ESE 4	4	8	.....
25	57.10	56.33	22.4	31.9	96	63	WSW 1	E 4	7	6	.....
26	56.73	56.39	24	30.6	96	72	SW 1	ENE 3	6	8	.8
27	56.73	56.34	22.6	31.6	95	65	SW 3	ESE 4	6	7	.....
28	56.86	55.99	22.3	32.5	96	61	SW 2	E 4	5	4	.....
29	56.73	54.98	22.2	32.5	94	56	SW 2	E 4	3	4	.....
30	56.22	55.18	23.5	32.6	96	63	SW 2	ESE 4	4	5	.....
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.15	56.23	22.5	30.9	95.8	65.5	1.5	3.4	5.5	6.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	78

IWAHIG.

[ϕ=9° 44′ N; λ=118° 38′ E; barometer above sea, 4.26 meters; gravity correction not applied, —1.86 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	56.85	55.71	22 7	31.5	96	59	SSW	1	ESE	4	8	8	14.2
2..	56.90	56.31	23.4	29.8	95	70	WSW	2	NW	3	8	8	.....
3..	57.01	56.36	22.5	27.8	97	83	Calm		SE	2	9	10	.5
4..	57.11	56.52	23.2	28.1	95	77	Calm		SSW	4	9	10	.8
5..	57.30	57.83	22.7	25.8	97	88	SSW	2	SSE	2	9	10	2.8
6..	57.70	56.70	21.5	28	95	77	W	2	ESE	2	8	9	7.4
7..	57.08	56.59	22.3	27.6	94	89	WSW	2	SSE	2	4	7	44.7
8..	57.30	57.06	22.3	28.8	96	82	WSW	3	SSW	3	4	7	.....
9..	58.15	56.59	22.8	31.8	97	64	WSW	3	SSE	4	8	7	20.1
10..	58.05	57.25	22.7	29.4	97	75	SW	2	SSW	1	8	9	.5
11..	57.40	56.29	21.7	26.6	97	89	SE	2	NNW	4	8	8	7.9
12..	57.85	57.55	22.1	28.6	97	69	SW	1	S	5	9	9	12.8
13..	58.15	57.65	23	30	95	66	WNW	2	SE	4	9	8	.....
14..	58.84	58.99	22.1	26.5	95	80	SW	2	W	4	7	10	7.4
15..	59.43	58.11	21.6	30.7	96	62	WSW	3	SSE	4	8	5	4.3
16..	58.71	57.72	21.8	31	96	64	SW	2	E	4	4	8	.....
17..	58.54	57.78	23	31.7	97	64	WSW	1	ENE	4	5	4	.....
18..	58.61	57.86	22.3	32	96	55	SW	2	ESE	5	4	5	3.8
19..	58.49	56.77	23.7	31.7	97	64	SSE	2	ESE	4	8	5	.....
20..	56.74	58.28	23.3	24.7	96	94	W	2	SSE	2	4	10	13.2
21..	57.05	56.19	21.2	30.9	96	69	SW	3	E	4	5	6	1.3
22..	57.40	57.16	23	25.8	97	84	W	1	SW	4	9	9	39.4
23..	58.96	57.91	23.1	29.5	97	70	ESE	2	ENE	2	10	9	5.4
24..	57.96	57.89	22.1	26	96	92	Calm		NW	2	7	8	30.3
25..	57.81	56.97	23	28.5	97	76	ESE	2	SE	1	8	9	1.9
26..	57.80	57.63	22.1	24.7	96	94	S	3	N	2	8	9	26.7
27..	58.46	57.56	21.4	28.4	96	77	WSW	2	WNW	4	9	8	.5
28..	56.96	57.15	21.6	28.8	96	71	WSW	3	SE	2	5	9	.....
29..	57.80	56.01	21.5	30.5	97	65	WSW	2	ESE	3	6	8	13.2
30..	57.61	56.81	22.6	26.6	98	83	W	2	SSW	3	8	10	1.1
31..	57.85	56.80	23	30.2	97	66	SSW	2	SE	3	7	7	.8
Mean	57.80	57.16	22.4	28.8	96.3	74.8	1.9		3.1		7.2	8	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	261

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	57.88	56.84	23	29.3	97	76	SW	2	ESE	2	6	5	2.3
2..	57.40	55.83	23.1	32	96	63	S	2	ESE	4	5	4	.....
3..	56.65	55.69	23.2	31	95	63	WSW	2	ENE	3	8	8	.....
4..	56.18	55.74	22.7	31.8	97	60	SSE	2	E	4	6	5	.....
5..	57.24	56.91	22.5	30.2	96	73	SW	2	ESE	3	8	8	.....
6..	58.15	57.05	22.8	31.6	97	64	SW	2	E	3	7	8	.....
7..	57.45	56.53	22.5	32.5	96	61	WSW	3	E	4	3	5	13 7
8..	57.43	57.35	23.8	27.6	97	91	S	2	E	2	10	10	5.1
9..	58.13	57.33	22.4	27.9	96	81	S	2	ESE	1	9	9	19.8
10..	58.34	57.16	21.7	29.8	96	71	Calm		ESE	4	7	9	1.4
11..	57.13	56.31	22.9	28.5	96	77	W	2	NE	3	7	8	3
12..	56.26	56.61	23.4	26.2	95	90	Calm		ENE	3	9	10	4.6
13..	56.85	56.08	21.2	26.1	96	90	SW	2	E	3	7	10	2.4
14..	56.85	57.10	22.4	25	95	90	WSW	2	S	3	7	9	5.7
15..	58.25	57.86	21.3	30	97	61	SW	2	WNW	5	6	7	.....
16..	58.22	56.49	20.8	32.6	96	54	SW	2	SSW	3	3	6	.....
17..	56.90	55.65	21.6	31	95	62	SW	2	ENE	2	4	8	.3
18..	56.98	56.45	21.9	28.5	96	78	Calm		Calm		8	9	10.9
19..	59.22	57.99	23.5	29.9	97	71	Calm		ESE	4	10	7	9.4
20..	58.69	57.99	22.2	29.6	96	69	SW	2	ESE	3	5	7	3.8
21..	58.08	56.99	22.3	32.4	94	62	WSW	3	SSE	4	2	3	.....
22..	57.93	56.71	23.3	28.3	96	70	W	2	NW	4	9	9	4.2
23..	57.87	56.37	21.8	31.7	95	55	S	2	WNW	5	10	4	.1
24..	57.77	57.04	21.8	32	96	64	WSW	2	ESE	4	8	8	.....
25..	56.71	56.98	20.6	30.2	94	68	Calm		SSE	4	8	8	.3
26..	58.13	57.39	22.5	30.6	97	70	SSW	2	SSE	3	6	7	2
27..	58.54	56.83	22.5	32	97	60	SW	2	E	4	7	8	.....
28..	57.39	56.40	21.6	29.7	96	71	Calm		E	3	6	9	.....
29..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
30..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
31..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	57.51	56.72	22.3	29.9	96	69.9	1.6		3.2		7	7.5	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	103

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	57.30	56.54	21.8	29.5	96	69	Calm		E	4	9	9	14.7
2..	57.31	56.75	22.5	29.1	97	71	WSW	1	NW	4	9	9	3.8
3..	57.12	56.42	21.3	26.7	97	91	SW	2	NW	4	4	8	2.7
4..	57.31	55.41	21	30.6	96	65	SSE	2	SSW	4	7	8	13.7
5..	56.29	54.99	21.7	27.4	97	86	Calm		ENE	3	8	9	4.7
6..	56.39	55.16	21.9	26.9	96	87	SSW	2	SW	2	10	9	2.1
7..	56.06	56.07	22.6	24.5	97	91	W	1	SW	2	9	9	8
8..	56.34	55.71	21.8	27	96	90	SW	2	WNW	2	7	10	13.9
9..	56.46	54.66	22.5	31.6	96	63	W	3	SSW	3	8	8	.....
10..	56.26	55.04	22.2	30.7	95	65	W	2	SW	3	6	8	.....
11..	56.55	54.98	22.6	32.3	97	60	S	2	SSE	4	8	7	.....
12..	56.01	54.78	22.7	32	96	53	S	2	S	4	9	6	.....
13..	55.75	54.57	22.5	32.4	95	57	SSE	2	S	4	6	7	.....
14..	55.56	54.30	22.7	31	96	69	SW	2	SSE	3	8	9	.....
15..	55.63	55.83	22.4	24.2	96	97	WSW	2	WSW	4	8	10	62.7
16..	55.83	55.96	22.8	29.4	97	68	S	1	SSW	2	10	10	53.1
17..	55.77	55.24	24.9?	30.4	94?	69	WSW	3	E	3	10	8	.....
18..	56	54.90	21.5	29.8	95	67	SW	2	SSW	4	7	8	8.9
19..	56.43	55.38	22.5	32.1	96	67	SW	2	S	4	9	8	6.1
20..	56.91	57.02	23.2	28.8	95	79	WSW	2	ESE	2	9	9	2.3
21..	57.35	56.93	23	26.8	95	72	W	2	SSW	5	8	8	6.6
22..	58.25	57.39	23.5	29.8	97	75	W	2	ENE	3	10	8	.5
23..	59.27	59.74	23	22.2	95	98	S	3	WSW	4	6	10	74.4
24..	58.95	58.18	20.8	27.2	96	84	SW	3	ESE	2	8	9	14.5
25..	57.94	56.97	21.4	28.8	95	83	SW	3	ENE	4	3	9	3.6
26..	57.74	57.09	21.5	28.6	97	80	Calm		E	2	5	9	5.3
27..	56.96	56.12	22.1	29.5	96	65	W	1	SW	2	8	9	3.6
28..	56.74	55.70	21.9	31	96	62	SW	3	WNW	5	7	9	1.3
29..	56.95	56.24	23.4	31	95	59	WSW	1	W	4	10	9	.....
30..	57.89	56.97	23.8	29.1	97	80	SW	2	ESE	4	10	9	.....
31..	57.69	56.84	23	29.8	95	71	WSW	2	SW	3	9	9	36.8
Mean	56.87	56.06	22.4	29	95.9	74	1.8		3.3		7.9	8.6	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	343.3

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	57.61	56.76	22.2	26	96	92	SW	3	ESE	3	7	9	14
2..	57.85	56.53	22.8	31.7	95	64	SSW	3	S	4	4	7	5.8
3..	57.61	56.51	21.2	30	95	75	SSW	2	NE	4	2	8	4.2
4..	57.11	56.29	23	30.4	95	66	SSE	2	S	3	9	9	.....
5..	57.08	56.30	22.7	31.3	94	64	SW	2	SSE	4	8	7	.....
6..	57.84	56.40	22.7	31.7	96	63	SSE	1	SSE	4	3	4	.....
7..	57.05	55.64	22.3	31.8	96	61	SW	1	ESE	4	4	4	.....
8..	56.23	55.12	22.2	31.6	95	65	S	2	S	3	6	8	.3
9..	56.73	55.71	22.3	30.2	96	68	SW	1	SE	4	7	5	1.3
10..	57.53	56.32	21.8	32.6	96	61	WSW	1	ENE	4	3	5	.....
11..	57.10	55.94	21.6	32.6	96	57	WSW	1	S	4	6	5	.....
12..	57.11	57.06	23	29.8	95	71	SSW	2	WSW	2	8	9	.3
13..	57.83	56.26	22	29.8	96	74	SW	1	NE	4	6	7	.....
14..	57.30	55.77	21.7	32.4	96	55	SSW	2	E	3	3	4	.....
15..	56.69	56.28	22.1	26.1	94	91	SW	2	Calm		3	9	20.8
16..	55.97	54.27	21.6	33	98	57	Calm		W	3	7	6	.....
17..	55.31	54.60	23	29.8	95	69	Calm		WNW	3	8	10	2.3
18..	55.36	55.66	22.7	26.7	97	90	SW	1	SSW	2	9	10	13
19..	56.49	56.84	21.8	27.2	96	78	SW	2	WNW	5	8	10	21.6
20..	57.08	56.15	22.3	31	96	64	Calm		NE	4	9	9	.8
21..	58.14	57.20	22.9	30.4	97	70	WSW	2	ESE	3	9	8	.....
22..	58.79	57.79	21.3	31.6	94	57	S	2	E	3	2	2	.....
23..	58.42	57.69	21.5	32.4	95	56	SSW	2	ESE	4	6	7	.....
24..	59.19	59.08	22.9	29.4	97	76	S	1	ESE	3	10	9	.5
25..	59.61	58.06	21.8	28.4	96	80	SSW	3	NE	3	6	9	.....
26..	58.34	57	21.8	29.4	96	82	SW	2	E	3	7	7	19.9
27..	57.59	57.11	21.7	29	96	69	SSW	2	NW	2	8	8	.3
28..	58.55	57.97	22	25.2	95	90	WSW	2	SSW	3	4	10	12.7
29..	57.52	56.55	21.6	27.4	97	84	Calm		WNW	3	7	10	49.8
30..	55.20	55.06	21.2	24.4	98	93	Calm		WSW	4	9	9	25.2
31..	54.66	53.58	22.6	26.8	97	81	SW	2	SW	4	10	10	2.7
Mean	57.25	56.37	22.1	29.7	95.8	71.7	1.5		3.3		6.4	7.5	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	195.5

IWAHIG.

[$\phi = 9°\ 44'$ N; $\lambda = 118°\ 38'$ E; barometer above sea, 4.26 meters; gravity correction not applied, −1.86 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1.	55.30	54.69	22.7	26.6	97	83	SW	2	SSW	5	10	10	9.1
2.	55.29	56.09	22.8	26	97	81	E	1	SW	4	10	10	1.8
3.	56.25	55.18	23.8	26	95	89	W	2	SSW	2	10	9	5.9
4.	56.36	55.01	22.1	30.7	97	72	Calm		ESE	3	10	9	.....
5.	56.48	56.08	22.5	29.3	96	76	W	1	ENE	3	9	8	.....
6.	57.13	56.97	22.5	27.8	96	72	Calm		W	3	8	9	.8
7.	57.04	55.58	21.6	31.8	95	58	WSW	2	WNW	5	8	8	.....
8.	56.18	55.58	22.1	24.5	96	92	ENE	1	SW	4	7	10	27.2
9.	56.19	56.73	22.8	23.5	96	94	Calm		W	2	9	10	63.5
10.	57.14	57.29	21.3	23.9	97	92	SW	2	SSE	1	9	10	35.3
11.	57.47	56.96	20	27.4	96	84	SSW	3	S	2	3	8	.8
12.	57.70	56.30	21.2	32.1	95	61	SW	2	SE	4	6	4	.....
13.	57.54	56.62	22.3	31.8	96	56	SW	3	SE	4	7	4	3.3
14.	57.84	58.68	22.8	26.8	97	69	Calm		WSW	3	8	10	1.8
15.	58.82	57.15	20.7	30.7	97	61	SW	2	ESE	3	4	8	.....
16.	58.05	55.91	21.7	32.8	87	56	WSW	2	NW	4	8	5	.8
17.	56.91	56.02	23	31.5	97	60	WSW	2	ESE	4	9	8	.....
18.	57.85	57	22	30.3	96	66	SSW	2	E	4	4	8	.1
19.	58.35	56.64	22.6	31.5	97	59	S	2	ESE	4	7	7	.4
20.	57.30	56.30	21.6	29.4	96	71	S	2	E	3	9	9	13
21.	57.56	57.18	22.8	27.2	96	86	Calm		E	3	10	9	26.4
22.	58.61	57.87	21.5	28.4	97	79	SSW	3	SW	2	9	8	.1
23.	57.80	57.11	21.6	25	96	92	SW	2	SW	3	7	10	11.3
24.	58.34	56.57	21.4	26.3	96	93	WSW	2	WSW	4	7	9	17.1
25.	56.92	55.46	21.8	28.2	96	79	Calm		SSE	2	6	10	.....
26.	56.35	55.58	21.6	31	96	68	WSW	2	E	2	6	7	.....
27.	57.14	56.60	21.6	26.3	96	91	NNE	2	ENE	2	6	10	27.5
28.	57.02	56.29	22	28	96	73	WSW	3	WNW	4	7	10	12.2
29.	56.40	56.37	22	25.7	96	93	SW	2	ENE	2	4	10	12.5
30.	57.37	57.27	21.6	25.5	98	91	SW	2	Calm		3	10	17.7
31.	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	57.16	56.44	22	28.2	96	76.6	1.6		3		7.3	8.6	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	288.6

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1.	58.05	57.28	20.8	29.5	96	72	SSW	1	NE	4	4	9	.....
2.	57.96	57.53	22.7	23.5	94	92	SW	2	NNW	4	9	10	37.8
3.	57.73	56.45	22.5	27.9	96	82	WNW	3	NNE	2	9	9	7.5
4.	57.54	56.26	21.8	29	97	75	Calm		ESE	4	8	8	11.2
5.	56.31	55.48	26.3?	27.4	74?	74	W	5	WSW	5	10	10	50.6
6.	55.80	54.69	25	25.7	85	84	WSW	5	WSW	5	10	10	53.3
7.	55.82	54.92	24.4	26.1	88	80	WSW	5	WSW	5	10	10	18.8
8.	55.36	55.58	26.6?	28.2	72?	73	WSW	5	WSW	4	10	10	19
9.	57.19	56.94	23	24	96	95	SW	2	WSW	5	10	10	21.6
10.	57.34	56.93	22.8	25	97	93	Calm		SSW	2	10	9	12.5
11.	57.34	55.90	21.9	29.8	97	69	Calm		ESE	4	6	7	.3
12.	57.69	56.91	23.4	30.8	97	68	W	2	ESE	4	9	8	.....
13.	58.69	57.86	22.3	29.5	97	70	SSW	2	ENE	2	10	8	6.6
14.	58.70	57.14	22.8	30.6	97	65	SW	2	ESE	3	8	7	.....
15.	58.01	56.44	22.1	31	97	62	SW	2	ESE	4	5	6	.....
16.	57.44	55.50	21.7	31.4	97	60	SW	2	ESE	3	4	6	.....
17.	55.96	54.10	21.8	31.5	96	65	SSW	3	ESE	4	3	5	.....
18.	55.19	54.76	22.2	30	95	71	SW	2	E	4	3	9	.....
19.	56.38	55.18	22.1	30.1	96	72	SW	2	E	2	6	8	.....
20.	56.91	55.76	22	29.3	96	72	SW	2	ESE	3	2	7	8.1
21.	57.10	55.46	21.9	28.4	96	85	WSW	2	ESE	2	8	8	6.2
22.	56.65	56.27	22.6	26.2	98	92	Calm		S	2	9	9	15
23.	57.69	56.08	21.7	28.1	96	81	SSW	2	ENE	3	9	9	.....
24.	57.49	56.50	22.3	29.7	97	77	SSW	3	ESE	3	9	9	2.8
25.	57.29	55.61	21.5	30.9	97	66	WSW	2	ESE	4	10	8	.3
26.	56.86	54.90	21.4	30.4	96	64	SSW	2	WSW	4	8	8	.....
27.	56.38	54.87	22.2	32	98	52	SW	2	WSW	4	9	8	.....
28.	56.89	56.12	21.8	30.7	96	69	SW	2	ESE	4	7	6	4.6
29.	57.79	56.63	22.3	30.5	97	70	SSW	2	ESE	3	9	8	.....
30.	56.96	55.91	22.7	29.5	96	72	SSW	2	ESE	2	8	9	3.8
31.	56.36	55.25	22.7	31.2	97	63	SSE	2	ESE	3	3	4	.9
Mean	57.06	55.97	22.6	29	94.3	73.7	2.2		3.5		7.6	8.1	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	280.9

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1.	55.90	54.89	22.5	31.6	97	60	SW	3	E	4	2	4	0.5
2.	56.09	55.21	23.3	30.4	94	65	SW	2	E	4	10	7	10.1
3.	55.60	55.99	23	23.7	96	96	S	3	W	4	8	10	204.3
4.	55.85	56.44	24	26	96	94	ENE	2	ENE	2	10	10	58.6
5.	57.49	56.13	22.4	30.8	96	64	SW	3	ESE	3	7	8	38.4
6.	56.98	55.78	22.6	26	98	94	W	3	ENE	3	10	10	294.2
7.	56.73	56.11	23.7	26.5	97	86	ENE	2	Calm		10	10	46.5
8.	58.28	56.86	22.7	28.8	98	78	WSW	2	ENE	3	10	9	.....
9.	57.02	55.66	21.3	31.4	95	65	SW	3	E	3	2	8	8.1
10.	55.70	55	23.6	23.7	97	97	Calm		Calm		10	10	34.5
11.	56.29	55.76	22.3	28	97	82	SW	3	NNE	4	8	9	7.8
12.	57.81	57.28	21.5	25.8	97	90	SW	3	WNW	2	5	6	3.1
13.	59.26	57.28	21.2	30.3	97	62	SW	2	NW	4	7	8	.....
14.	57.31	56.18	23	30.6	97	64	SW	2	NW	5	7	8	.8
15.	55.44	54.28	26.5	26.5	77	83	NW	4	N	3	10	10	26.4
16.	54.37	54.47	24	26.2	97	90	NE	3	NE	2	10	10	61.8
17.	53.54	53.37	24.2	28.4	97	73	SW	4	W	3	10	9	.8
18.	54.49	53.70	23.4	29	93	68	W	3	SW	3	10	10	2.1
19.	55.51	55.19	23.3	29	97	64	Calm		W	5	8	8	.3
20.	56.86	56.07	22.2	27.3	95	81	WSW	3	S	3	7	10	28.4
21.	57.92	57.08	21.9	30.3	96	72	SSW	3	ENE	4	3	4	1
22.	58.36	56.99	21.6	29.3	96	71	SW	2	WNW	3	5	8	10.9
23.	57.20	56.04	22.5	24.5	97	93	WSW	2	Calm		9	10	14.1
24.	55.95	55.85	22.6	23.7	97	97	WSW	3	SW	2	10	10	107.7
25.	56.13	54.53	23.5	30.6	97	64	Calm		SSW	5	10	7	57.9
26.	57.01	56.42	23.5	27.3	97	84	SSW	2	ESE	3	9	10	.3
27.	57.08	56	22.4	30.7	97	67	SW	2	SE	3	5	7	.....
28.	58.06	57.40	23.3	29.8	96	67	SW	2	E	3	9	4	.....
29.	59.26	58.29	21.8	31.8	96	64	SW	2	ESE	3	4	3	17.3
30.	59.29	57.89	20.8	29.1	96	68	W	2	ESE	2	2	7	.....
31.	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	56.76	55.94	22.8	28.2	95.8	76.8	2.3		2.9		7.6	8.1	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	1,035.9

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1.	58.72	57.63	21.5	30.8	97	67	SW	3	ESE	3	3	4	0.8
2.	58.80	57.43	21.3	30.8	95	63	SW	3	ESE	4	2	3	.8
3.	58.51	57.53	21.7	30.7	97	69	SW	2	ESE	4	2	2	2.5
4.	58.47	57.72	22	29.2	96	76	W	3	SSW	2	5	9	1.1
5.	58.20	56.84	21.5	30.7	95	70	SW	2	ESE	4	2	4	.....
6.	56.96	55.46	21.1	30.6	95	66	WSW	3	E	3	4	7	.....
7.	54.71	54.08	21	25.4	96	94	SW	2	NE	4	8	9	32
8.	56.24	54.11	22.3	26.4	97	92	NE	4	Calm		10	10	36.4
9.	55.52	55.39	21.8	30	96	73	Calm		E	3	9	8	.....
10.	56.40	55.52	22.4	26.3	98	79	Calm		SSW	4	8	10	4.4
11.	55.89	55.26	23	28	97	86	W	1	ESE	3	8	8	6.1
12.	56.71	55.71	22.7	29.2	97	74	Calm		ESE	3	9	6	.3
13.	57.14	56.76	21.8	26.8	96	87	SSW	3	SSW	2	4	10	3.1
14.	57.55	56.73	21.5	31.3	97	60	SSW	3	E	3	4	3	.3
15.	57.82	55.94	20.2	32.3	96	59	SW	2	ENE	4	6	5	.....
16.	56.71	55.54	21	29.4	95	72	SW	3	ESE	3	6	8	.....
17.	56.49	55.65	20.7	31	95	63	SW	2	ESE	3	8	8	.....
18.	57.30	56.65	21.5	29.7	96	72	SW	2	ESE	2	5	5	.....
19.	57.39	56.71	22	31.3	96	66	S	2	E	4	6	6	.....
20.	56.86	55.46	22.7	30.3	97	66	S	2	ENE	4	9	8	.....
21.	56.83	55.44	22.9	29.5	97	64	ENE	2	ENE	5	9	7	.....
22.	56.96	55.85	21.6	30.3	96	66	SW	2	ESE	4	3	4	.....
23.	56.74	55.62	21.2	31.3	95	66	WSW	2	ESE	3	5	6	.3
24.	57.11	55.45	20.3	29.4	97	63	W	2	ENE	3	8	9	.1
25.	56.10	55.54	22.2	24.5	95	92	W	2	W	2	10	10	2.4
26.	55.45	55.15	21	24.2	96	95	Calm		SW	3	9	10	22.9
27.	54.81	54.83	22.1	24.9	97	96	W	2	W	2	10	10	3.8
28.	55.24	54.79	22.8	25.4	97	93	NE	4	NE	4	10	10	81.8
29.	56.04	55.99	22.6	24.5	98	92	SE	2	NNE	2	10	10	33.5
30.	55.82	55.98	24.2	23.5	98	96	NE	2	ENE	3	10	10	104.4
31.	56.98	56.88	22.9	24.3	97	94	SW	2	ESE	2	10	10	23.2
Mean	56.79	55.92	21.9	28.5	96.4	76.5	2.1		3		6.7	7.4	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	360.2

MAASIN.

[$\phi = 10°\ 08'$ N; $\lambda = 124°\ 50'$ E; barometer above sea, 7.3 meters; gravity correction not applied, —1.85 mm.]

JANUARY.

Day.	Pressure. 700 mm.+ 6 a. m.	Pressure. 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.94	57.19	25	30	87	77	N 1	E 2	10	8	.....
2..	59.03	57.63	23.6	30.1	93	79	N 1	S 1	10	8	.....
3..	59.19	57.70	24.2	29.5	93	76	N 1	S 1	10	10	6.4
4..	59.39	59.20	23.2	29.5	91	81	N 1	NE 2	10	10	12.2
5..	61.77	61.43	23.1	28.8	95	79	N 1	NE 1	10	10	24.6
6..	62.40	60.91	22.6	29	95	69	N 1	NE 2	10	10	8.4
7..	61.83	60.08	23	29	91	78	N 1	NE 1	10	10	.....
8..	61.65	61.01	22.8	28	95	80	N 1	SE 2	10	10	.....
9..	62.27	60.94	23.5	28.2	90	76	N 1	N 1	10	10	.....
10..	62.13	60.79	23.3	28.5	92	81	N 1	NE 1	10	10	18
11..	61.27	59.66	23.2	26.5	93	83	N 1	N 1	10	10	94.5
12..	60.46	59.26	23.5	28	91	85	N 1	N 1	10	10	11.4
13..	59.55	58.67	22.8	29	95	79	N 1	NE 1	10	10	.....
14..	59.47	58.29	24.4	29.2	93	76	N 1	NE 1	10	10	.....
15..	59.69	57.67	23.5	29	94	78	N 1	W 1	10	10	.....
16..	58.79	57.60	23.6	27.5	90	82	N 1	N 1	10	10	24.9
17..	58.95	56.95	23.5	28.8	92	78	N 1	W 1	10	10	11.9
18..	57.99	56.04	24	29	93	86	N 1	W 1	10	10	8.4
19..	57.82	56.48	23.5	29.5	90	75	N 1	S 1	10	10	.....
20..	58.04	56.20	23.5	30.5	96	72	N 1	NE 2	10	8	.....
21..	58.02	56.45	23.6	32	95	72	N 1	S 2	10	10	.....
22..	58.17	56.51	23.5	29	92	78	N 1	N 1	7	10	38.1
23..	58.62	56.58	23.5	29.9	89	75	N 1	S 1	10	10	.....
24..	58.25	56.91	23.3	30	94	77	N 1	W 1	10	10	.....
25..	58.58	57.70	23.5	30.6	94	68	N 1	E 3	8	10	.....
26..	58.64	57.90	23.5	30.3	92	71	N 1	E 3	10	10	.....
27..	59.25	57.60	23	30.5	91	75	N 1	NE 1	10	10	27.2
28..	58.58	57.01	24	30.8	93	67	N 1	NE 2	10	10	.....
29..	58.93	57.60	24	29.8	91	74	N 1	S 1	10	10	.....
30..	59.07	57.74	22	29.5	91	77	N 1	S 1	10	8	.....
31..	59.07	57.31	22	28.5	93	75	N 1	N 1	10	10	.....
Mean	59.45	58.16	23.4	29.3	92.4	76.7	1	1.4	9.8	9.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	286

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.37	56.68	22.5	30	96	71	N 1	NE 1	10	10	.....
2..	58.09	57.10	23	28.8	93	75	N 1	NE 3	10	10	.....
3..	58.07	57.62	23.5	28.5	94	74	N 1	NE 1	10	10	7.6
4..	59.72	59.16	24	30.5	86	72	N 1	NE 3	10	10	.....
5..	60.55	60.02	24.1	29.5	87	83	N 1	NE 3	10	10	.....
6..	61.16	60.24	24.5	29.5	87	71	NE 1	NE 4	10	10	10.9
7..	60.79	59.97	25	29.4	88	71	NE 2	NE 4	10	10	.....
8..	61.05	59.90	24.5	28.5	92	78	N 1	NE 1	10	10	.....
9..	60.77	59.10	23.5	29.8	93	73	N 1	S 1	10	10	.....
10..	60.22	59.24	23.8	28.8	93	76	N 1	E 3	10	10	.....
11..	60.37	58.71	24.4	29	93	76	N 1	SE 2	10	8	.....
12..	60.56	59.42	24	28.7	91	80	N 1	W 1	10	10	.....
13..	60.38	59.04	23	28.5	91	74	N 1	W 1	10	10	19.8
14..	60.12	58.72	24	28.8	93	76	N 1	NE 2	10	10	10.4
15..	60.27	58.85	24	28.5	91	80	NE 2	NE 1	10	8	14
16..	60.45	58.92	23.8	28.5	91	81	N 1	SE 1	10	10	.....
17..	59.94	57.95	23.1	29.5	94	76	N 1	E 2	7	8	.....
18..	58.54	57.46	24	29	91	78	N 1	NE 2	10	10	.....
19..	58.22	56.71	24	29.9	93	75	N 1	SE 2	10	9	.....
20..	58.52	57.88	24	31	90	72	N 1	S 1	10	8	8.9
21..	60.17	58.70	23.8	30	91	71	N 1	S 1	10	10	19
22..	59.95	59.04	22.1	28.6	92	75	N 1	W 1	10	10	.....
23..	59.41	57.54	23	29	95	78	N 1	S 1	10	10	.....
24..	58.64	57.73	23.4	28.5	93	75	N 1	S 1	10	8	.....
25..	58.67	57.50	21.6	29	95	71	N 1	S 1	7	8	.....
26..	57.94	57.27	24	28	91	80	N 1	S 1	10	10	.....
27..	57.59	56.11	23.6	30.3	90	74	N 1	NE 2	10	7	.....
28..	57.08	56.41	23	28	91	79	N 1	S 1	10	8	.....
Mean	59.49	58.32	23.6	29.1	91.6	75.5	1.1	1.7	9.8	9.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	90.6

MARCH.

Day.	Pressure. 700 mm.+ 6 a. m.	Pressure. 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.12	56.50	25	29.5	85	76	N 1	SSW 1	10	10	.....
2..	57.64	56.55	24.6	29.6	95	81	N 1	S 1	10	10	.....
3..	57.75	56.76	25	27.5	92	87	N 1	NE 1	10	10	5.6
4..	56.88	55.60	23	29.6	96	75	N 1	NE 2	10	8	22.9
5..	57.57	56.19	24.1	29.5	96	72	N 1	NE 1	10	10	.....
6..	57.99	56.65	24	29.8	91	73	N 1	NE 2	10	7	.....
7..	58.04	56.88	24.5	30	92	78	N 1	E 3	10	10	.....
8..	57.47	56.15	24.6	30	88	75	N 1	E 2	10	5	4.6
9..	57.22	56.07	22.8	30.3	93	75	N 1	S 1	10	6	.....
10..	58.59	57.06	22.5	29.6	91	81	N 1	W 1	10	10	.....
11..	57.82	56.28	24.2	30.8	91	77	N 1	E 3	10	8	.....
12..	57.52	56.30	23.5	30.4	96	76	N 1	E 2	8	7	.....
13..	57.81	56.75	23.2	30.1	90	80	N 1	S 2	10	10	.....
14..	58.34	57.05	25	29.1	92	81	N 1	NE 1	10	10	.....
15..	59.79	59.31	23.1	28	90	85	N 1	E 1	10	10	14.2
16..	59.86	57.77	22.5	31	92	68	N 1	E 2	10	7	.....
17..	59.72	58.74	23	30.2	91	74	N 1	E 2	10	10	.....
18..	59.62	58.23	23.2	30	90	74	N 1	SW 1	7	8	.....
19..	59.19	58.08	23.2	31.5	95	70	N 1	SE 1	8	10	.....
20..	59.39	58.33	23.5	29.8	96	73	N 1	NE 1	10	8	11.2
21..	59.69	59	23.5	29.2	92	76	N 1	W 1	7	10	11.9
22..	60.47	59.24	24	30.6	91	69	N 1	SSW 1	8	10	.....
23..	59.58	59.15	24.6	29.5	87	75	N 1	N 1	10	10	.....
24..	59.07	57.8[illegible]	22.5	30.5	92	75	N 1	E 2	7	5	.....
25..	59.57	58.28	23	32.2	91	76	N 1	S 1	10	6	.....
26..	59.37	58.15	24	32.5	90	71	N 1	S 1	8	5	.....
27..	59.94	59.25	22.1	31.8	91	71	N 1	W 2	10	10	.....
28..	60.19	59.47	24.6	32	83	70	N 1	W 1	8	8	5.6
29..	60.37	59.49	24.8	29.4	93	74	N 1	W 1	10	10	25.7
30..	60.44	58.03	22.8	30.6	93	72	N 1	E 3	10	8	.....
31..	60.25	58.13	24.2	31.5	91	75	N 1	S 2	10	6	.....
Mean	58.85	57.66	23.7	30.2	91.5	75.3	1	1.5	9.4	8.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	101.7

APRIL.

Day.	Pressure. 700 mm.+ 6 a. m.	Pressure. 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.94	58.08	24.6	32	93	72	N 1	E 3	7	8	.....
2..	58.90	57.93	25.2	30	93	74	N 1	N 1	10	10	.....
3..	58.83	57.08	24.8	30.8	93	73	N 1	E 2	10	7	.....
4..	59.16	57.58	24.6	31	92	76	N 1	E 2	10	10	9.7
5..	59.10	57.38	24	31	92	79	N 1	W 1	10	10	.....
6..	58.49	57.64	24.1	28	91	80	N 1	N 1	10	10	.....
7..	58.47	56.75	23.6	29.5	95	75	N 1	E 3	10	8	.....
8..	57.86	56.25	24.2	30.3	93	76	N 1	N 1	10	10	.....
9..	57.65	56.98	26.5	32	86	72	N 1	SE 2	10	8	.....
10..	58.38	56.99	26	32	92	74	E 2	S 1	10	10	.....
11..	57.50	56.55	26	31.2	92	75	N 1	SE 2	10	8	.....
12..	57.22	56.12	25.8	31.4	93	76	N 1	E 2	10	8	.....
13..	58.10	57.18	24	31	87	73	N 1	S 2	10	9	.....
14..	58.90	57.43	25	30.8	90	73	N 1	S 2	10	8	.....
15..	59.17	56.84	24.6	31.5	95	75	N 1	S 2	10	8	.....
16..	58.27	56.87	24.5	31.8	94	71	N 1	SE 2	10	7	.....
17..	58.65	57.17	25.2	30.8	90	72	N 1	S 1	10	10	.....
18..	58.87	56.88	25.4	31.6	92	72	E 3	E 3	10	9	.....
19..	58.89	56.75	24.6	32.2	93	74	N 1	S 1	10	8	.....
20..	58.38	56.45	25.5	32	94	72	N 1	E 2	10	10	.....
21..	57.85	55.90	25	30.8	92	73	N 1	E 2	8	10	.....
22..	57.36	56.79	25.1	30.2	91	77	N 1	SE 3	10	10	.....
23..	57.10	56.02	24.8	31.6	87	75	N 1	SE 2	10	10	.....
24..	58	56.73	25.2	32.5	93	73	N 1	E 1	10	5	.....
25..	58.11	57.25	25	32.8	92	69	N 1	W 1	10	9	.....
26..	57.61	56.78	24.6	32	92	72	N 1	S 1	10	10	.....
27..	57.60	56.55	25.6	31.8	95	69	N 1	SE 1	10	8	.....
28..	57.70	56.60	24.6	32	95	72	N 1	S 1	10	10	.....
29..	57.57	55.79	25.2	33	93	72	N 1	S 1	10	8	.....
30..	57.30	55.84	25.4	33.2	92	72	N 1	SE 2	10	8	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.21	56.84	25	31.4	92.1	73.6	1.1	1.7	9.8	8.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9.7

MAASIN.

[$\phi = 10°\ 08'$ N; $\lambda = 124°\ 50'$ E; barometer above sea, 7.3 meters; gravity correction not applied, —1.85 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.68	56.37	25.4	33.5	88	69	N 1	S 1	10	9	.....
2..	57.53	56.19	25.6	32.5	92	69	N 1	S 1	10	9	.....
3..	56.91	55.75	25.2	31.8	91	74	N 1	E 2	10	10	.....
4..	57.95	56.82	26.2	32.6	94	71	N 1	SE 2	10	10	.....
5..	57.82	57.03	26.4	33	92	67	N 1	E 3	10	6	.....
6..	58.82	57.30	26	30.2	90	80	N 1	N 1	10	10	.....
7..	58.05	56.45	24.6	33	92	69	N 1	SE 1	10	8	.....
8..	58.17	57.23	25.8	32	93	72	N 1	S 2	8	8	.....
9..	58.95	57.02	26.3	33.2	91	70	N 1	S 2	10	8	.....
10..	59.14	57.13	26.5	33	91	72	N 1	S 1	10	9	.....
11..	57.83	56.53	25.5	32.5	89	72	N 1	S 1	10	8	87.4
12..	59.07	57.49	24.2	31.8	95	74	N 1	SSW 1	10	10	.....
13..	59.12	58.43	25.8	31.5	93	75	N 1	S 1	10	10	.....
14..	59.85	57.94	24.8	32.4	93	75	N 1	SE 2	5	6	.....
15..	60.29	58.50	25.4	32.8	97	73	N 1	E 2	10	10	.....
16..	59.75	57.80	24.6	32	95	72	N 1	S 1	10	5	.....
17..	59.50	58.06	25.5	32.8	93	65	E 2	E 2	8	8	.....
18..	59.75	58.14	26	33	92	72	N 1	SE 2	10	9	.....
19..	59.53	58.08	26.2	32	89	72	N 1	S 1	10	6	.....
20..	58.15	56.50	25	31.6	92	79	N 1	S 1	10	10	10.2
21..	57.52	56.73	25.8	30.5	93	78	N 1	S 1	10	10	.....
22..	58.11	57.58	26	30.6	92	78	N 1	W 1	10	10	5.6
23..	58.87	58.30	24.5	31	92	73	N 1	S 1	10	8	14
24..	59.07	58.20	24.5	31.8	96	72	N 1	S 1	10	10	.....
25..	58.50	57.25	25	30	90	78	N 1	S 1	10	10	94.5
26..	58.63	57.18	24.8	30.6	93	76	N 1	SE 2	10	8	.....
27..	58.97	58.20	25	31.2	92	73	N 1	SW 2	10	10	.....
28..	58.77	56.88	25.1	32	92	78	N 1	S 1	10	9	.....
29..	58.15	56.05	25.2	32	93	76	N 1	S 1	10	8	55.1
30..	58.94	57.55	24	30.4	96	78	N 1	S 1	10	10	14.2
31..	58.77	57.54	24.2	31.5	93	78	N 1	SE 2	10	8	18.5
Mean	58.65	57.30	25.3	31.9	92.4	73.5	1	1.4	9.7	8.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	299.5

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12.) 6 a. m.	Wind, direction and force (0-12.) 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59	57.57	25.4	32.8	95	73	N 1	E 2	6	8	.....
2..	58.02	56.93	24.8	32.8	90	70	N 1	S 1	5	6	.....
3..	57.43	56.13	24.6	32.5	95	76	N 1	E 2	8	8	.....
4..	57.03	56.10	24.8	32	93	79	N 1	E 2	10	8	.....
5..	58.02	57.02	25.4	31.4	93	77	N 1	S 1	10	8	.....
6..	58.27	57.79	25	29.8	92	81	N 1	NE 2	10	10	.....
7..	58.65	57.62	25.2	28	92	85	N 1	N 1	10	10	10.2
8..	58.57	57.75	25	32.3	93	71	N 1	SE 2	10	10	.....
9..	59.29	58.17	24.2	28.5	93	85	N 1	SW 1	10	10	8.9
10..	59.02	57.84	24.5	30.5	96	79	N 1	SE 2	10	10	.....
11..	58.34	56.75	24.2	31.2	91	80	N 1	NE 1	10	10	.....
12..	58.30	56.99	25	31	90	79	E 2	S 1	10	10	.....
13..	58.47	56.30	24.4	29.8	93	79	N 1	E 2	10	10	.....
14..	58.55	56.65	25.6	32	92	69	N 1	E 2	10	10	.....
15..	58.99	57.42	24.4	32.2	95	71	N 1	SE 2	10	10	.....
16..	58.51	56.90	24.7	30.9	94	74	N 1	E 3	10	10	.....
17..	57.65	56.28	25.2	31.6	90	75	N 1	SE 2	10	10	17.3
18..	58.14	57.20	23.7	31	96	73	N 1	S 1	10	10	25.9
19..	59.55	58.93	25	31.2	92	71	SW 1	S 1	10	10	.....
20..	59.77	58.47	25.2	31	94	79	N 1	SE 2	10	6	.....
21..	59.15	57.67	25.4	31.2	92	78	N 1	SE 2	10	10	.....
22..	58.47	57.39	24.8	30.2	93	78	N 1	S 1	10	10	.....
23..	58.22	56.13	25	31	93	77	N 1	S 1	10	10	.....
24..	58.36	56.70	24.6	30.5	93	78	N 1	S 1	10	10	.....
25..	57.49	56.72	24.4	27.6	93	84	N 1	N 1	10	10	58.4
26..	57.88	56.66	25.3?	29.4	93?	79	SE 2	SW 2	10	10	.....
27..	58.64	57.63	24.4	30.4	93	79	N 1	W 1	10	10	.....
28..	59.55	58.05	24.8	31.8	95	75	N 1	S 1	10	8	.....
29..	59.82	57.67	25	32.6	95	71	N 1	W 1	8	10	.....
30..	58.27	56.61	24.6	30.5	95	76	N 1	W 1	10	10	14.7
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.51	57.20	24.8	30.9	93.1	76.7	1.1	1.5	9.6	9.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	135.4

JULY.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.72	57.08	25	30.5	93	82	N 1	S 2	10	10	.....
2..	58.20	56.97	25	32.2	92	78	SW 2	S 1	10	10	.....
3..	57.70	56.69	25.2	32	92	74	N 1	S 2	10	10	.....
4..	57.45	56.30	25.8	31	93	75	N 1	S 1	10	10	.....
5..	56.66	55.90	25.3	29.5	93	81	SW 1	SW 4	10	10	.....
6..	56.93	56.03	25.6	30	95	78	SW 1	S 1	10	10	.....
7..	57.37	56.09	25	31.4	93	76	N 1	SE 1	10	10	.....
8..	56.89	55.78	24	29.5	91	83	N 1	S 1	10	10	.....
9..	57.22	55.23	25	31	92	75	N 1	S 1	10	10	5.3
10..	56.92	55.68	25.4	31.4	92	77	SW 2	SE 1	10	10	10.2
11..	57.52	56.03	24.4	31.1	93	78	N 1	S 1	10	10	15.2
12..	56.85	56.10	25.2	30	93	78	N 1	S 1	10	10	.....
13..	57.30	56.25	25	31.6	92	76	N 1	SE 1	10	10	.....
14..	57.22	54.80	25	31.4	93	72	N 1	S 1	10	10	.....
15..	56.44	55.06	24.6	29.5	95	81	N 1	S 1	10	10	48.8
16..	56.62	55.97	24	27	95	89	SW 2	W 1	10	10	33
17..	57.30	56.71	26.6	29.2	89	83	SW 3	SW 2	10	10	.....
18..	57.37	55.89	24.1	31.5	94	75	N 1	S 2	10	9	.....
19..	57.51	56.79	25	30.4	92	77	N 1	SSW 1	10	10	.....
20..	58.67	58.20	25.2	27	90	84	N 1	E 1	10	10	59.9
21..	57.72	56.93	24.2	29.5	95	81	N 1	S 1	10	10	13.5
22..	59.54	58.52	23.4	29.8	97	78	N 1	N 1	10	10	.....
23..	59.89	58.74	24.7	31	94	79	N 1	S 1	10	8	.....
24..	59.80	58.17	25	30	92	77	N 1	S 1	10	10	37.6
25..	58.89	57.51	24.2	30.6	93	80	N 1	SW 3	10	10	.....
26..	57.92	56.68	24.5	32.2	94	76	N 1	SW 3	10	10	38.1
27..	57.49	56.31	24.6	31	95	79	N 1	SW 3	10	8	13.2
28..	57.55	56.48	25.2	32	92	79	SW 4	SW 3	10	10	.....
29..	58.27	56.50	26	31.6	92	76	SW 3	SW 3	10	10	.....
30..	58.63	57.56	26	31.2	94	80	SW 2	SW 4	10	10	.....
31..	58.80	57.23	26	31.5	92	79	SW 4	SE 2	10	10	.....
Mean	57.57	56.59	25	30.6	93	78.6	1.5	1.7	10	9.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	274.8

AUGUST.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.07	57.84	24.8	31.1	93	78	N 1	SE 2	10	8	.....
2..	58.50	57.60	25	32	93	75	N 1	SE 1	10	8	12.7
3..	58.06	57.40	24.8	26	95	92	N 1	N 1	10	10	53.6
4..	58.89	57.95	23.8	29	93	85	N 1	S 1	10	10	.....
5..	59.23	57.70	24	30.2	91	82	N 1	S 1	10	10	.....
6..	59.07	56.98	24.4	30.1	95	77	N 1	S 1	10	10	.....
7..	58.83	57.05	24.6	30.5	92	78	N 1	S 1	10	10	7.1
8..	57.49	55.38	24	30	93	82	N 1	SE 1	10	10	.....
9..	57.57	56.64	24.8	31.5	93	77	N 1	S 1	10	10	5.6
10..	57.80	57.20	25	29.2	92	85	N 1	SW 2	10	10	.....
11..	58.06	56.50	25.3	30	93	78	N 1	S 2	10	10	.....
12..	58.25	56.60	25.6	32	95	79	N 1	E 2	10	8	.....
13..	58.67	57.25	25.6	33	93	76	N 1	S 1	10	8	.....
14..	57.65	55.72	25.4	32.2	92	75	N 1	S 1	10	6	.....
15..	56.97	55.41	25	29	92	85	N 1	SW 2	10	10	11.2
16..	56.37	54.25	26.2	29.5	94	84	SW 2	SW 4	10	10	.....
17..	55.82	55.20	26.9	29.7	93	82	SW 4	SW 5	10	10	.....
18..	57	55.90	26.6	32.5	94	78	SW 4	SW 2	10	10	26.7
19..	57.57	56.97	25.5	31.5	94	77	N 1	S 1	10	10	.....
20..	58.50	57.20	25.2	31.2	95	77	N 1	S 1	10	10	.....
21..	59.08	58.38	25.6	31.2	92	78	N 1	S 1	10	7	.....
22..	59.21	57.85	25.8	32.5	93	78	N 1	SE 2	8	8	.....
23..	59.40	57.70	25.6	32	92	79	N 1	S 1	10	10	.....
24..	60.13	58.88	25.4	32	93	74	N 1	S 2	8	10	46.5
25..	60.37	58.42	23.6	32.6	95	78	N 1	S 1	10	8	.....
26..	59.13	57.56	24.5	30.9	94	75	N 1	E 1	10	10	.....
27..	58.33	56.64	25	32	92	72	N 1	S 1	6	8	.....
28..	58.96	57.50	25.1	29	94	85	N 1	N 1	10	10	.....
29..	58.07	56.30	25	30.1	92	79	N 1	N 1	10	10	5.1
30..	56.32	55.51	25.2	29.2	93	85	N 1	S 2	10	8	.....
31..	56.30	55.40	25.2	27.5	90	95	N 1	N 1	10	10	38.9
Mean	58.22	56.87	25.1	30.6	93.1	80	1.2	1.5	9.7	9.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	207.4

MAASIN.

[ϕ=10° 08′ N; λ=124° 50′ E; barometer above sea, 7.3 meters; gravity correction not applied, —1.85 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.86	57.14	25	29	92	81	SW 3	SW 2	10	10	7.6
2..	58.85	57.92	25.7	27.6	94	81	SW 3	SW 3	10	10	11.2
3..	58.01	56.64	25.2	31.2	95	77	N 1	S 1	10	10	.....
4..	57.24	55.92	25	29	93	81	N 1	E 1	10	10	40.6
5..	57.54	56.13	23.2	31	93	79	N 1	S 1	10	10	.....
6..	58.34	57.10	24.7	31.4	94	75	N 1	S 1	10	10	25.4
7..	58.29	56.68	23.6	32	95	74	N 1	SE 2	10	10	12.2
8..	57.64	56.32	23.8	29	93	83	N 1	E 1	10	10	.....
9..	57.73	56.55	25	29	95	85	N 1	SE 2	10	10	14
10..	58.04	57.13	24.8	29.2	93	85	N 1	N 1	10	10	50.8
11..	58.59	56.70	23.6	30.8	96	76	N 1	S 1	10	10	.....
12..	58.56	57.75	24.5	30	94	81	N 1	N 1	10	10	19.3
13..	59.74	57.75	24.1	31	96	75	N 1	SE 2	10	10	11.2
14..	58.91	57.93	24.5	32	92	75	N 1	E 2	10	8	.....
15..	59.47	57.75	24.8	31.6	93	79	N 1	S 2	10	10	.....
16..	58.18	56.49	24.5	30.5	94	82	N 1	S 1	10	10	.....
17..	57.49	56.58	24.5	31	92	79	N 1	E 2	8	7	.....
18..	58.86	57.70	25	32.6	93	73	N 1	S 1	10	10	14.5
19..	59.12	57.17	23.8	31	93	73	N 1	N 1	10	10	.....
20..	58.77	56.83	24.6	31.8	95	76	N 1	SE 2	10	8	.....
21..	58.62	57.58	25	31.2	92	77	N 1	S 1	10	10	58.4
22..	59.79	58	23.5	31.8	96	75	N 1	S 1	10	10	.....
23..	59.42	56.64	24.4	31.2	95	77	N 1	E 2	10	10	.....
24..	58.92	56.53	23.9	32.5	92	76	N 1	S 2	10	10	41.1
25..	57.53	55.83	24.8	31.8	93	76	N 1	S 2	10	8	.....
26..	56.57	55.98	25.2	31.5	95	77	N 1	SW 2	10	10	.....
27..	58.15	56.60	25.2	32.1	93	78	SW 2	SW 2	10	10	.....
28..	57.82	56.52	26.2	32	92	78	SW 2	SW 3	10	10	.....
29..	58.50	57.45	26	31.2	92	79	SW 2	SW 2	10	10	.....
30..	58.60	56.76	25	31	93	75	N 1	N 1	10	10	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.37	56.94	24.6	30.9	93.6	77.9	1.2	1.6	9.9	9.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	306.3

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.27	57.73	25.2	30.6	95	77	N 1	N 1	10	10	.....
2..	58.84	56.91	24.5	30.3	94	79	N 1	S 1	10	10	6.1
3..	58.57	56.84	24	31	91	79	N 1	NW 1	10	10	8.4
4..	57.87	55.94	24.8	29	93	81	SW 1	SW 1	10	10	78.7
5..	56.18	54.92	26	27.6	92	83	SW 3	SW 5	10	10	7.4
6..	55.82	54.87	26	28.8	94	82	SW 5	SW 5	10	10	10.2
7..	55.75	55.11	25.4	29	95	85	SW 5	SW 6	10	10	.....
8..	57.22	56.80	26.4	30.9	92	75	SW 5	SW 5	10	10	5.1
9..	58.05	57.04	26	2.31	94	81	SW 4	SW 4	10	10	.....
10..	58.92	57.71	26.4	31.5	94	75	SW 4	SW 3	10	8	.....
11..	59.19	57.28	24.5	32	94	73	N 1	S 2	10	10	.....
12..	58.89	57.60	24	31.4	91	73	N 1	E 2	10	10	.....
13..	59.37	58.45	24.7	32	94	75	N 1	S 2	8	10	.....
14..	59.94	57.70	24.8	31	93	80	N 1	E 2	10	10	.....
15..	58.92	57.35	23.8	33	93	76	N 1	SE 2	10	8	11.2
16..	58.49	55.95	24	32	91	75	N 1	SSW 1	10	8	.....
17..	56.51	54.53	24	31.8	91	75	N 1	NE 2	10	10	.....
18..	56.47	54.69	24.3	31.5	93	78	N 1	S 1	10	10	.....
19..	56.68	55.40	24.4	32	91	76	N 1	S 1	10	10	.....
20..	57.44	56	24.8	32.5	93	73	N 1	S 1	10	9	.....
21..	57.92	55.73	24.7	31.2	92	80	N 1	SE 1	10	10	5.6
22..	58.82	56.71	25	30.8	92	76	E 2	NE 2	10	10	.....
23..	58.86	56.64	24.6	31.2	95	77	N 1	S 1	10	10	.....
24..	58.94	56.63	25	32	93	75	N 1	S 1	10	10	.....
25..	58.31	56.18	24.4	32.5	90	75	N 1	SE 1	10	10	.....
26..	57.91	55.12	25	32.2	92	75	N 1	SE 2	10	8	.....
27..	57.17	55.23	24.8	32	95	75	N 1	S 1	10	8	.....
28..	58.04	56.98	24.7	31.8	94	75	N 1	W 2	10	10	.....
29..	58.72	57.52	25	31	92	71	N 1	W 1	10	10	6.4
30..	57.91	56.35	24.8	31.2	92	81	N 1	SE 2	10	10	13
31..	57.41	56.35	23.8	29.5	95	75	N 1	N 1	10	10	16.8
Mean	58.01	56.40	24.8	31.1	92.9	77	1.7	2	9.9	9.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	168.9

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	56.87	55.51	23.2	29.4	93	76	N 1	S 1	10	10	.....
2..	57.14	56.15	24.8	28.5	89	84	N 1	E 2	10	10	.....
3..	57.49	56.18	24.5	29.5	92	83	N 1	NE 2	10	10	8.4
4..	57.91	56.93	24.5	30.5	96	82	N 1	NE 2	10	10	48.3
5..	58.97	56.07	24	28.5	91	78	N 1	NE 2	10	10	23.9
6..	57.99	57.21	24.8	30	93	81	NE 2	NE 2	10	10	.....
7..	59.07	57.35	24.4	30.4	93	78	N 1	NE 2	10	10	.....
8..	59.16	57.15	24	30	91	80	N 1	NW 1	10	10	.....
9..	57.37	55.35	23.8	29.4	93	79	N 1	S 1	10	10	.....
10..	57.09	55.90	24	30.9	93	79	N 1	S 1	10	8	.....
11..	57.97	56.38	24.2	31.4	90	77	N 1	NW 1	10	10	.....
12..	57.94	56.45	24.7	32	94	76	N 1	NW 1	10	10	27.9
13..	58.37	57.03	24.3	31.4	92	76	N 1	NE 1	10	10	15.7
14..	56.81	53.69	24.8	26	95	88	N 1	E 3	10	10	137.7
15..	56.42	54.81	24.5	29.5	92	83	N 1	S 1	10	10	.....
16..	56.49	56.08	24.2	29	93	79	N 1	W 1	10	10	.....
17..	57.91	56.55	24	29.6	91	81	N 1	SE 1	10	10	.....
18..	57.92	56.14	24.1	31	96	77	N 1	E 2	10	8	.....
19..	57.97	56.70	24.7	31	94	75	N 1	SE 1	10	10	.....
20..	58.74	57.20	24.5	32	92	74	N 1	S 1	10	8	.....
21..	58.92	57.60	24.6	29.5	95	83	N 1	W 1	10	10	20.6
22..	58.51	57.40	24	29	95	83	N 1	S 1	10	10	34.5
23..	57.97	55.90	23.6	29.2	95	75	N 1	E 2	10	10	.....
24..	57.19	55.66	24	29.2	91	76	N 1	S 1	10	10	31.2
25..	57.97	57.23	24.8	28.8	90	78	N 1	SW 2	10	10	.....
26..	59.03	57.27	23	28.6	91	83	N 1	N 1	10	10	23.9
27..	58.47	56.95	23.8	30.8	93	76	N 1	SE 2	10	10	.....
28..	58.72	57.88	24.5	32.2	91	74	N 1	S 2	8	8	.....
29..	59.92	58.98	23.4	32	93	76	N 1	NE 1	10	10..	.....
30..	59.67	58.55	24.2	31.5	93	75	N 1	NE 1	10	10	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.07	56.61	24.2	30	92.7	78.8	1	1.4	9.9	9.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	372.1

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.64	58.33	24	31	91	80	N 1	N 1	7	10	.....
2..	59.69	58.50	24.2	30.6	93	74	N 1	N 1	10	10	7.1
3..	59.57	58.40	24	31.5	93	74	N 1	W 1	10	8	.....
4..	59.64	58.01	23	31.8	91	72	N 1	E 2	8	10	59.7
5..	58.69	57.22	24.4	32	90	75	N 1	NE 2	10	10	.....
6..	57.21	55.06	24	31	93	80	N 1	N 1	10	10	14
7..	55.67	53.57	23.8	29.5	93	79	N 1	N 1	10	10	4.8
8..	55.49	53.64	23.6	31	91	76	N 1	SE 2	10	10	.....
9..	56.97	56.10	24.8	31.4	93	73	N 1	E 2	10	10	.....
10..	58.12	55.60	23.6	32	90	76	N 1	E 2	10	8	.....
11..	57.03	55.85	24	32.2	91	70	N 1	S 1	10	10	7.1
12..	56.94	56.20	24	32.5	93	73	N 1	S 1	10	10	.....
13..	57.97	56.58	23.8	32.8	93	78	N 1	NE 2	10	8	.....
14..	57.79	57.25	23.6	32.6	95	73	N 1	S 1	8	7	.....
15..	58.46	56.88	24	32.2	91	74	N 1	S 1	10	10	.....
16..	57.42	55.81	24.2	31.5	93	73	N 1	W 1	10	10	.....
17..	57.27	55.90	24	32	91	76	N 1	S 1	10	8	.....
18..	58.27	56.99	23.8	32	93	72	N 1	S 1	10	8	.....
19..	58.34	57.17	24	31.2	94	71	N 1	NE 1	10	10	.....
20..	57.73	56.47	23.8	31.8	91	80	N 1	NE 2	10	10	.....
21..	58.37	56.58	24.9	32	92	78	N 1	S 1	10	8	.....
22..	58.19	56.15	24.6	32.2	90	78	N 1	E 1	10	10	6.4
23..	57.54	56.70	24	28.8	91	75	N 1	S 1	10	10	17.5
24..	57.53	55.83	23.5	30.6	94	70	N 1	S 1	10	10	.....
25..	56.69	55.24	23	29.5	93	81	N 1	S 1	10	10	.....
26..	56.12	54.84	24	29.6	91	82	N 1	S 1	10	10	.....
27..	56.01	55.14	24.2	29.6	93	84	N 1	S 1	10	10	6.1
28..	55.93	55.05	24.2	29.4	91	82	N 1	S 1	10	10	11.2
29..	57.22	56.19	24.8	30	93	84	N 1	S 1	10	10	.....
30..	56.91	56.10	24	30.2	92	80	N 1	S 1	10	8	33.5
31..	57.87	56.95	24.4	28.5	91	81	N 1	N 1	10	10	.....
Mean	57.62	56.27	24	31.1	92.1	76.6	1	1.2	9.8	9.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	167.4

SAN JOSE BUENAVISTA.

[$\phi = 10°\ 44'$ N; $\lambda = 121°\ 55'$ E; barometer above sea, 5.4 meters; gravity correction not applied, −1.84 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.92	57.01	23.2	30.6	94	71	Calm	W 1	6	10	.....
2..	58.72	58.26	21.5	31.4	87	66	NNE 1	W 1	4	5	.....
3..	59.42	58.32	22.9	30.5	89	72	NE 1	NNE 1	5	10	3.6
4..	59.36	59.23	22	29.1	96	74	NNE 1	NW 1	2	10	11.2
5..	61.27	60.74	21.5	31.1	91	56	NNE 1	NE 3	8	10	.....
6..	61.71	60.50	22.5	29	78	55	NNE 1	NE 2	10	10	.....
7..	60.81	59.84	21.5	31	87	57	N 1	NE 2	3	8	.....
8..	61.34	60.65	21	30	91	65	NNE 1	W 1	8	10	.....
9..	62.04	60.77	23.5	30	84	65	Calm	NW 1	10	10	.....
10..	61.79	60.31	24.6	32.6	79	48	Calm	NE 2	10	9	.....
11..	61.04	59.63	25.1	29	72	68	NE 2	NW 2	10	10	.5
12..	59.41	58.54	23.5	32.5	84	47	NW 1	NE 1	10	8	.....
13..	58.51	58.23	24	31.3	79	64	NNE 1	WSW 1	10	10	3.3
14..	59.55	57.90	22.5	30.5	96	66	Calm	W 1	8	9	.....
15..	59.01	57.82	21.5	30.4	92	63	NNE 1	NW 1	8	6	.....
16..	58.25	56.89	22	31.5	88	59	Calm	NW 2	5	4	.....
17..	58.46	57.40	22	28.6	91	74	Calm	NW 1	9	10	.....
18..	57.66	55.87	23.5	30	92	69	Calm	NW 1	10	10	.....
19..	57.32	56.98	23	26.1	96	91	Calm	NW 1	10	10	4.8
20..	57.50	56.50	23	29.9	96	71	NE 1	NW 1	6	8	.....
21..	57.57	56.86	23.4	28	89	85	NNE 1	Calm	10	10	.5
22..	57.93	56.58	22.3	29.4	94	72	NE 1	NW 1	5	10	2.3
23..	58.47	57.12	23.4	30.9	93	70	NE 1	NNW 2	10	8	.3
24..	57.90	57.17	21.9	31.1	92	68	NE 1	W 1	4	8	.....
25..	57.81	57.51	23.4	28.6	92	78	NNE 1	NNW 2	8	10	.....
26..	58.82	57.47	21	31	87	65	NE 1	W 1	5	9	.....
27..	58.70	57.17	22	31	91	63	NE 0	NW 2	8	8	.....
28..	57.58	57.27	22.5	30	91	66	NE 0	NNW 2	4	10	1.3
29..	57.85	57.42	22.5	30.9	87	64	Calm	NW 2	5	9	.8
30..	58.52	57.42	20.7	31.3	94	61	Calm	W 1	8	4	.....
31..	58.76	57.39	21.2	30.9	89	64	NE 1	N 2	9	10	.....
Mean	59.06	58.09	22.5	30.3	89.1	66.4	0.6	1.4	7.4	8.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28.6

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.35	57	22	29.1	90	70	NE 1	N 2	5	10	2
2..	57.62	56.76	21.1	28.2	95	76	E 1	NNW 1	4	10	.....
3..	58.02	57.72	23	30	91	65	NE 1	N 1	5	10	.....
4..	59.07	58.83	23.9	30.8	88	65	NE 1	NNW 1	9	10	1.3
5..	60.11	59.86	22	31	91	65	NE 1	W 1	9	9	.....
6..	60.60	59.97	21.6	31	95	64	NE 1	NW 2	5	9	.....
7..	60.46	59.82	23.6	28.4	86	72	Calm	W 1	10	10	.....
8..	60.65	59.54	22.5	31	87	65	NE 0	W 2	8	3	.....
9..	60.60	59.42	22.5	30.4	87	69	NE 1	W 1	3	10	.....
10..	59.77	58.95	22	30.4	91	63	ENE 1	NW 2	4	10	.....
11..	59.86	58.79	21.6	29.6	90	67	NE 1	N 2	9	10	.3
12..	60.45	59.53	24	28.6	92	71	Calm	N 2	10	10	.....
13..	59.90	58.67	22.1	30.5	90	69	NE 1	W 1	4	10	1.5
14..	59.66	58.76	23.5	25.6	96	93	Calm	N 2	10	10	13
15..	60.27	59.44	23.4	27.7	97	78	Calm	N 2	10	8	3.3
16..	59.81	58.77	21.5	29.9	95	72	N 1	WNW 2	3	3	.....
17..	59.33	57.85	22.6	30.1	90	71	N 1	NW 2	10	10	1.8
18..	58	56.61	22.4	29.4	93	72	NE 1	W 1	5	10	7.6
19..	57.48	56.47	22.5	30.6	96	71	NE 1	W 2	8	5	.....
20..	58.41	58.32	22.2	29	94	71	NE 1	NNW 2	6	9	1
21..	59.35	58.68	22	29.5	96	67	NE 1	W 1	7	10	.3
22..	59.55	58.72	22.9	30.5	93	65	NE 1	N 2	7	5	.....
23..	58.89	57.72	22	30.6	91	62	NE 1	N 2	5	7	2
24..	57.72	56.96	23	30.6	96	63	NE 1	W 1	9	8	.....
25..	57.61	56.61	22	31.1	96	62	N 1	NW 2	3	1	.....
26..	57.31	56.30	22	30.3	88	61	E 1	NW 2	2	10	.....
27..	56.79	55.80	21.5	31.5	91	57	NE 1	NW 2	5	5	.....
28..	56.65	56.10	22.1	32.1	88	59	NE 1	NW 2	5	4	.....
29..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.01	58.14	22.4	29.9	91.9	68	0.8	1.6	6.4	8.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34.1

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.28	56.35	23	32.1	91	60	NE 1	NW 2	4	6	0.3
2..	57.13	56.42	22.6	28.1	90	81	NE 1	Calm	4	10	2
3..	57.20	56.17	22.4	30.5	92	64	NE 1	N 1	6	10	.....
4..	56	55.69	22.7	33	92	59	N 1	NW 2	6	8	.....
5..	56.95	56	24.4	30.6	88	65	Calm	NW 1	10	10	.....
6..	57.51	56.33	23.9	32.5	85	58	Calm	NW 2	10	2	.....
7..	57.52	56.42	23.4	29.1	84	71	E 1	N 3	4	10	.5
8..	57.03	55.45	21.1	32	86	57	NE 1	NW 2	2	5	.....
9..	56.77	56.18	21	31.9	91	58	NE 1	N 2	4	6	.....
10..	57.70	56.60	22.2	32.1	86	57	Calm	NNW 2	8	10	.....
11..	57.10	56.18	22.1	32.4	90	56	NE 1	NNW 2	7	8	.....
12..	57.02	56.17	23	29.5	84	65	NE 1	WSW 1	10	10	.....
13..	57.57	57.16	21	31.2	87	53	NE 1	N 2	7	10	.....
14..	58.32	57.93	23.4	32.1	88	53	NE 2	N 3	10	9	.....
15..	59.08	58.29	22.6	33.3	80	52	NE 1	W 2	9	8	.....
16..	59.01	57.73	22.9	32.4	83	57	NE 1	N 2	9	8	.....
17..	58.96	57.56	24.3	33	82	55	NE 1	NNW 2	8	6	.....
18..	58.87	58.08	23.2	33	81	58	NE 1	NW 2	4	4	.....
19..	58.71	57.81	23.6	32	86	58	NE 1	NW 2	5	4	.....
20..	58.68	58.05	23	33.4	83	55	NE 1	NW 2	4	1	.....
21..	58.94	58.70	25	31	80	59	NE 1	N 2	8	9	.....
22..	60.23	59.14	23.4	32.4	80	58	NE 1	N 2	2	8	.....
23..	59.20	58.53	22	32.5	87	52	NE 1	N 2	6	3	.....
24..	58.81	57.97	23.4	34	80	51	NE 1	N 2	7	6	.3
25..	59.14	58.53	22	31.8	87	58	NE 1	NNW 2	9	9	.....
26..	58.85	57.80	22.1	32.6	86	54	NE 0	WNW 2	5	3	.....
27..	59.48	59.10	23.1	32.4	86	56	NE 1	NW 2	7	6	.....
28..	59.78	59.52	22.6	33.1	82	60	NE 1	W 2	7	7	.....
29..	60.35	59.58	22.5	32	87	59	NE 1	WNW 2	7	8	2
30..	60.18	58.43	23.1	32.4	90	64	NE 1	NW 2	9	9	.....
31..	59.27	58.28	23.5	33.4	84	57	NE 1	N 3	9	7	.....
Mean	58.34	57.49	22.9	32	85.7	58.7	0.9	1.9	6.7	7.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.1

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.60	57.78	23.1	32.5	82	58	NE 1	W 2	7	4	.....
2..	58.57	57.38	23.9	31.2	86	64	NE 1	W 2	5	10	6.1
3..	58.30	57.28	24	31.5	91	66	NE 1	NW 2	10	10	2.5
4..	58.28	57.53	22.7	32.1	92	52	NE 1	NW 2	10	10	.....
5..	58.83	57.55	23	32.3	88	59	NE 1	W 2	9	10	6.6
6..	57.73	57.83	23.5	26.9	92	90	Calm	Calm	9	10	5.3
7..	58.20	56.70	23.2	28.5	95	81	Calm	Calm	5	10	9.9
8..	57.48	56.30	23.1	31	96	69	NE 0	N 2	9	10	27.9
9..	57.73	57.07	23.5	29.9	94	75	NE 1	NW 1	7	10	.5
10..	58.32	57.35	23.8	29.4	91	74	NE 1	NNE 2	5	10	.....
11..	57.13	56.33	25	27.5	80	81	NE 1	Calm	1	10	.....
12..	57.06	56.09	24.1	31.8	91	65	NE 1	W 1	10	10	.....
13..	57.69	57.49	24.1	31.1	91	71	NE 1	SW 2	10	6	.....
14..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15..	58.79	56.96	24	30.9	88	66	NE 1	W 1	10	10	.....
16..	57.68	56.21	24.9	31	88	69	NE 1	W 2	9	7	.....
17..	58.18	57.20	24.4	29.4	88	72	NE 1	W 1	10	10	.....
18..	58.20	56.70	23.5	32	87	60	NE 1	WNW 1	9	7	.....
19..	58.10	56.55	24.3	31.5	85	60	NE 1	NW 2	5	9	.....
20..	57.52	56.08	23.6	31.7	87	56	NE 1	NE 2	10	10	.....
21..	56.92	55.57	23.2	32	85	58	NE 1	NW 2	8	9	.....
22..	56.69	55.72	25	32.5	83	56	NE 1	SE 3	9	10	.3
23..	56.12	56.32	23	31.4	91	63	NE 0	W 1	10	10	.....
24..	57.86	56.90	24.5	31.4	80	66	E 2	NW 2	10	10	.....
25..	57.75	57.31	24.1	30.8	90	66	NE 1	W 1	7	10	.5
26..	57.46	56.55	23.5	31.4	84	63	NE 1	W 2	10	10	19.3
27..	57.34	56.66	24.5	30.6	88	71	NE 1	NW 1	10	10	.....
28..	57.59	56.41	24.5	31	87	72	NE 1	W 2	10	7	.....
29..	57.22	55.60	24	31.5	87	66	NE 1	NW 2	9	4	.....
30..	56.55	56.29	24.6	31	87	72	NE 1	SW 3	9	10	7.4
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.75	56.75	23.9	30.9	88.1	66.9	0.9	1.6	8.3	9.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]86.3

[a] 29 days of observation.

NOTE: Beginning with the morning of April 15, the height of the barometer above sea level was 15.86 meters.

SAN JOSE BUENAVISTA.

[ϕ=10° 44′ N; λ=121° 55′ E; barometer above sea, 5.4 meters; gravity correction not applied, —1.84 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	57.52	56.64	24	31	91	66	NE	1	W	1	10	10	.....
2..	57.52	56.82	23.9	31.9	91	67	NE	1	W	2	10	10	0.5
3..	56.77	56.03	23.9	26.7	88	87	NE	1	NE	1	10	10	3
4..	58.09	56.73	24	30	96	75	NE	1	NW	2	10	10	.....
5..	57.85	57.09	25.6	31.7	83	62	NE	1	W	2	10	10	.3
6..	57.80	56.78	26.4	31.5	85	68	SE	1	SW	2	10	10	.....
7..	57.89	57.13	24.4	27.5	83	77	NE	2	E	1	10	10	.5
8..	57.79	56.97	24.1	31.7	86	65	NE	2	W	2	8	8	.....
9..	58.93	57.40	25.6	29.5	83	78	NE	1	W	1	10	10	42.9
10..	59.10	57.40	23.7	30.1	94	71	NE	1	W	2	10	10	.....
11..	58.05	56.75	23.9	30.4	88	72	NE	1	SW	1	10	10	10.4
12..	58.77	57.46	24.1	29.5	95	73	N	1	W	1	10	8	3.6
13..	59.06	57.43	23.6	31	92	72	E	1	SW	3	10	10	.3
14..	59.60	59.07	25	27.9	92	82	N	1	NE	1	10	10	43.4
15..	60.21	58.56	23.6	29.5	91	78	NE	1	SW	1	10	9	3.3
16..	59.36	58.05	24.1	30.6	91	68	NE	1	SW	2	5	5	3.6
17..	59.15	57.93	23.5	31	90	69	NE	1	WNW	1	5	3	.....
18..	59.11	57.94	25	30.8	88	70	NE	1	NW	1	7	8	5.3
19..	58.46	57.13	24.9	27.5	87	86	NE	1	Calm		10	10	12.2
20..	57.03	56.75	24.6	30.5	88	68	NE	1	E	1	10	10	5.8
21..	57.60	56.86	24	28.3	91	82	NE	1	Calm		10	10	25.4
22..	57.99	57.89	24.1	24.9	91	89	NE	1	NW	2	10	10	7.7
23..	58.49	58.86	24.2	24.5	92	96	SE	1	E	1	10	10	11.4
24..	58.53	57.61	22.9	30.1	90	74	NE	1	SW	1	10	8	17.3
25..	58.54	57.46	23.2	30	92	75	NE	1	W	1	9	10	.....
26..	58.55	57.62	23.6	29.6	86	77	NE	1	W	1	9	8	.....
27..	58.90	58.45	24	28.5	88	85	NE	1	W	1	10	10	.6
28..	58.45	56.78	24	28.1	87	80	NE	1	NE	1	10	10	6.9
29..	58.75	56.71	24	29	91	74	NNE	1	W	1	10	10	9.9
30..	58.64	57.64	23.9	27.9	97	82	E	1	W	1	10	10	2.8
31..	58.20	57.66	24	30.4	90	76	NE	1	SW	4	10	10	.....
Mean	58.41	57.41	24.2	29.4	89.6	75.6	1.1		1.4		9.5	9.3	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	217.1

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	58.70	57.38	24.7	31.1	90	69	NE	1	SW	2	10	7	.....
2..	57.80	56.41	24.6	31	92	72	NE	1	NW	1	10	9	15.2
3..	57.01	56.32	25.1	27.5	87	92	NE	1	Calm		9	10	2
4..	56.98	56.21	23.5	30.1	87	69	NE	1	W	1	9	9	.....
5..	57.86	57.35	25	30.8	91	76	NE	1	W	1	9	10	6.1
6..	58.85	57.54	24.5	30.4	92	76	NE	1	N	2	10	10	7.6
7..	58.29	56.88	24	31	91	65	NE	1	W	2	10	9	8.4
8..	58.18	57.57	24.5	28.1	92	84	SE	1	SW	3	6	10	25.7
9..	59.24	58.04	24.5	28.9	92	78	SE	2	Calm		7	10	2.1
10..	59.28	57.89	25.1	28.6	91	76	S	3	SW	3	10	10	3
11..	57.85	56.24	23.5	30.7	91	70	NE	1	NW	2	5	5	2.3
12..	57.08	56.47	24.5	30.5	96	75	ENE	1	SW	1	10	10	53.8
13..	57.84	55.96	24	29.1	92	77	SE	1	NW	1	10	9	4.6
14..	58.18	56.64	24.6	28.8	94	83	E	1	W	1	10	10	.3
15..	58.64	58.01	24.3	29.9	92	72	NE	1	W	1	9	10	5.6
16..	57.99	56.92	24	29.4	92	79	NE	1	W	2	10	10	.....
17..	57.49	56.27	24.4	30.6	93	71	E	1	SW	3	4	9	.8
18..	57.77	57.23	24.3	28.9	90	75	NE	1	SW	2	10	10	8.4
19..	59.35	58.72	23.5	30	96	71	ENE	1	NW	2	10	9	.8
20..	59.29	58.33	24.1	30.9	91	69	NE	1	SW	3	10	5	.8
21..	58.79	57.80	23.5	30.5	88	72	ENE	1	W	2	4	10	2.3
22..	58.76	57.07	23.2	28.5	94	78	E	1	W	2	10	10	8.4
23..	59.01	56.31	23.6	30.1	95	71	W	2	W	2	10	10	.5
24..	58.05	58.33	23	28.1	88	77	NE	1	W	2	10	10	10.7
25..	57.81	56.69	23.5	27.9	96	78	NE	1	W	1	10	10	9.7
26..	56.92	57.33	22.9	25.9	93	92	Calm		Calm		10	10	9.2
27..	57.70	57.77	24.1	30.5	95	72	E	1	WSW	2	10	10	.....
28..	58.98	58.20	22.5	30.4	87	76	NE	1	W	1	10	10	.....
29..	59.58	57.18	24.5	32.1	92	63	NE	1	W	2	10	10	.....
30..	58.48	56.82	24.1	30.1	94	68	E	1	W	1	10	10	4.1
31..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	58.26	57.20	24.1	29.7	91.8	74.9	1.1		1.6		9.1	9.4	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	192.4

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	58.30	57.29	23.4	27.6	96	83	E	1	W	1	10	10	3.3
2..	57.90	57.58	24	28.7	95	73	SE	1	SW	3	9	9	9.4
3..	58.04	57.16	24.4	30.5	95	68	NE	1	SW	2	8	10	32
4..	57.80	57.01	23.1	29	96	77	W	2	W	2	10	10	30
5..	56.91	56.08	23.5	30.6	96	72	E	2	SW	3	10	10	4.3
6..	56.92	55.85	24.5	28.1	96	77	E	1	Calm		10	10	15.3
7..	56.86	56.49	24.5	28.6	90	80	NE	1	SE	2	10	10	1
8..	56.71	56.37	24.1	29.9	91	79	E	1	W	1	10	10	6.4
9..	57.07	55.82	23.9	29.9	89	75	NE	1	W	1	10	10	4.1
10..	56.91	56.34	24	27.5	96	88	E	1	W	1	10	10	32
11..	57.15	56.03	23.9	30	93	71	E	1	SW	2	10	10	5.6
12..	56.95	56.06	24.5	26.9	92	89	SE	3	W	2	10	10	17
13..	56.96	55.79	24.3	29.5	92	71	Calm		S	4	10	8	.....
14..	56.57	55.38	24.1	29	85	78	E	2	W	1	10	10	.....
15..	56.09	55.62	23.6	29.9	90	66	E	2	NW	2	10	10	27.9
16..	56.72	56.10	23.5	26.4	97	85	Calm		W	1	10	10	47.2
17..	57.15	56.84	24	26.5	87	88	Calm		E	2	10	10	8.9
18..	57.24	55.93	23.2	30.3	90	74	NE	2	SW	3	5	10	.3
19..	57.40	56.88	24.3	28.9	85	79	E	1	W	2	10	10	40.6
20..	59.60	57.88	22.6	28.5	94	70	E	1	Calm		10	10	.6
21..	57.91	57.26	23.5	29.5	87	75	E	1	NW	2	10	7	2
22..	59.59	58.01	24.8	28.9	89	75	Calm		Calm		10	10	.....
23..	59.70	58.61	24	29.4	87	68	NE	1	W	2	10	10	11.7
24..	59.61	58.87	23.5	29.5	91	75	E	1	WSW	1	10	10	.....
25..	58.69	57.90	24.3	30.6	88	68	E	1	SW	3	10	6	5.1
26..	58.18	57.41	25.4	27.6	93	84	E	2	W	1	10	10	29.9
27..	57.56	57.01	23.5	26.4	91	86	E	2	E	1	9	10	51
28..	57.22	57.09	23.8	24	96	96	NNW	2	E	1	10	10	122.6
29..	57.50	57.40	25.6?	27.9	91?	82	ESE	1	SSW	3	10	10	54.3
30..	58.81	57.97	23.5	29.9	97	72	E	1	W	3	10	7	11.4
31..	58.39	57.73	24.5	30	92	75	E	1	SW	3	10	10	26.7
Mean	57.69	56.90	24	28.7	91.8	77.4	1.2		1.8		9.7	9.6	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	600.6

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	58.69	57.57	24.5	29.6	91	80	E	1	SW	3	10	9	8.4
2..	58.51	57.95	23.9	30.6	89	71	E	1	WSW	2	10	8	.....
3..	57.95	57.53	23.6	28.6	90	77	E	1	Calm		8	10	2.1
4..	58.05	57.81	24.4	25	92	92	E	1	E	0	10	10	20.1
5..	58.96	57.28	23.4	28.7	92	76	E	2	SE	1	10	9	.3
6..	58.83	57.31	23.2	30	82	74	E	2	E	2	4	4	.....
7..	57.76	56.37	23.5	31.5	87	72	ENE	2	NW	2	5	9	13.7
8..	56.73	55.67	23.8	30	89	72	E	1	NW	1	8	8	.....
9..	57.28	57.16	24.3	29	91	78	E	1	S	2	10	10	.....
10..	58.45	57.43	24	31.1	87	70	E	2	W	1	10	8	.....
11..	57.75	57.32	23.5	30.5	86	68	NE	1	W	2	10	10	.....
12..	58.04	57.38	24.4	30.1	84	74	NE	1	W	2	9	10	1.5
13..	58.84	56.95	24.1	31.9	95	70	ENE	0	W	2	10	9	.....
14..	57.64	56.38	24.7	29.5	87	78	NE	1	Calm		4	10	.....
15..	57.06	56.22	24.5	30.4	87	72	NE	1	SW	2	10	10	28.7
16..	56.13	54.89	24	26.5	91	88	NE	1	NNE	2	10	10	37.1
17..	56.08	55.46	24.1	27.7	94	76	Calm		W	4	10	10	38.9
18..	56.70	56.62	25	25.5	92	92	W	5	W	4	10	10	83.8
19..	57.40	57.47	25	29.5	92	75	SE	1	SW	4	10	10	15.8
20..	58.15	57.31	24.1	29.4	91	74	E	1	SW	2	10	10	1.3
21..	59.25	58.50	23.8	30	89	71	E	1	W	3	10	10	.....
22..	59.30	57.96	23.5	30	91	75	E	1	NW	1	4	4	9.4
23..	58.99	58.28	24.1	29.5	87	78	E	1	E	1	10	10	7.9
24..	59.94	59.19	24	27.5	88	84	E	1	SW	3	9	9	.3
25..	59.65	58.82	23.5	28.6	91	77	E	2	NW	1	10	7	.3
26..	58.95	57.71	23.8	28.7	89	78	NE	1	W	1	10	10	4.8
27..	58.41	57.71	24.1	29	87	78	NE	1	N	0	4	10	.3
28..	58.91	57.91	23.5	27.5	88	87	E	0	Calm		10	10	.5
29..	57.90	56.61	23.6	28.1	90	82	E	1	S	1	10	10	.....
30..	56.21	55.42	23	27.8	92	83	E	1	S	4	10	10	14.2
31..	55.77	55.25	24.1	25.6	95	92	S	3	WSW	2	10	10	97
Mean	58.01	57.14	24	28.9	89.5	77.9	1.3		1.8		8.9	9.2	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	386.4

SAN JOSE BUENAVISTA.

[ϕ=10° 44′ N; λ=121° 55′ E; barometer above sea, 15.36 meters; gravity correction not applied, —1.84 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	56.62	56.73	24.6	25.4	83	85	W	6	ESE	3	10	10	28.7
2..	57.99	57.23	25.5	26.5	77	80	NW	3	SE	2	10	10	31.5
3..	58.36	56.64	25.1	30	87	71	W	3	SE	3	10	10	14.7
4..	57.41	56.64	23.4	29.5	85	70	E	1	W	1	10	10	2.5
5..	57.13	56.58	23.6	29.4	90	65	NE	1	W	1	10	10	6.9
6..	57.92	57.59	23.1	29.2	95	78	NE	1	S	1	7	10	4.8
7..	58.15	56.97	23.5	29	92	78	Calm		S	2	10	10	.....
8..	57.07	55.57	23.5	29.9	91	72	NE	1	SW	2	10	10	10.7
9..	57.39	56.86	24	27.6	96	87	Calm		S	1	10	10	20.8
10..	58.34	57.83	24.5	26.1	96	88	Calm		Calm		10	10	41.4
11..	58.56	57.47	23.5	29.9	96	73	ENE	0	SW	2	10	10	.....
12..	58.60	57.33	23.4	30	88	71	NE	2	SW	2	10	7	.....
13..	58.64	57.51	24.1	29.9	91	72	NE	1	N	2	10	9	.....
14..	58.70	58.27	23.5	28	96	77	Calm		Calm		10	10	.....
15..	59.37	57.95	22.6	30.8	91	71	NE	1	NW	2	3	3	.....
16..	58	56.45	23.6	27.4	90	85	NE	1	Calm		10	10	1.8
17..	57.40	56.51	23	30.9	92	69	E	1	SW	3	10	7	6.1
18..	58.50	58.16	23.3	30	94	69	ENE	1	W	1	6	10	14.8
19..	59.06	57.72	22.8	27.9	89	82	E	1	E	1	10	10	6.4
20..	58.12	56.22	23.3	30	90	65	Calm		N	1	10	10	12.2
21..	58.26	57.90	23.4	27.6	96	79	E	1	SE	2	10	10	4
22..	59.50	58.28	24	28.1	96	80	Calm		S	1	10	10	2.5
23..	58.55	57.37	23.7	28.5	95	78	E	1	SW	2	10	10	14.2
24..	59.20	56.62	23.5	29	96	74	E	1	N	1	10	10	3.6
25..	57.86	55.99	24.5	28.9	96	78	Calm		N	1	10	10	3.3
26..	57.24	56.61	22.5	29.6	91	77	NE	1	S	2	10	10	.3
27..	57.94	57.21	24	28.5	94	79	E	1	W	1	9	10	6.9
28..	58.19	56.83	23.9	28.5	97	78	NE	1	SW	3	10	10	61.5
29..	57.90	57.30	22.4	30.5	92	76	NE	1	S	2	10	10	.5
30..	57.86	57.35	24	30.5	88	72	NE	1	NW	1	10	9	2.3
31..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	58.13	57.12	23.7	28.9	91.7	76	1.1		1.5		9.5	9.5	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	302.4

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	59.02	57.91	24	30	90	74	NE	1	N	2	10	10	27.9
2..	58.80	57.61	23.5	25.5	91	90	NE	1	SW	2	10	10	6.9
3..	58.80	57.14	23.5	27.1	96	83	Calm		Calm		10	10	55.9
4..	58.25	56.88	23.4	27.6	97	84	NE	1	W	2	10	10	50.3
5..	56.64	55.46	25.4	26.6	92	84	NW	3	NW	3	10	10	90.9
6..	55.85	54.72	25.1	25.6	91	91	W	5	NW	6	10	10	31.5
7..	55.95	55.13	26.2	27.9	82	75	NW	5	W	6	10	10	3.3
8..	56.78	56.10	25.9	27.1	85	80	WSW	4	Calm		10	10	33.3
9..	57.91	57.03	26.6	29.1	80	78	WSW	3	NW	1	10	10	26.9
10..	58.41	57.27	23.8	28.4	97	79	E	1	SW	1	10	10	12.7
11..	58.55	57.01	23.1	30.5	96	68	E	1	SW	3	10	8	.....
12..	58.50	58.06	23.5	29.4	91	75	E	1	E	2	10	10	11.4
13..	59.40	58.68	23.6	28	95	85	Calm		NE	1	10	10	8.1
14..	59.66	58.07	22.5	28.1	96	78	NE	1	Calm		10	10	.3
15..	58.60	57.07	23.5	30.4	92	70	NE	1	NNW	2	9	6	1.3
16..	58.12	55.97	23.2	30.1	93	71	NE	1	N	1	10	5	.....
17..	56.27	54.67	23.1	28.6	91	80	NE	1	W	1	8	8	.....
18..	55.87	54.97	23.1	29.4	95	75	NE	1	N	0	8	10	6.9
19..	56.92	56.09	23.5	28.5	92	82	E	1	E	2	10	10	.3
20..	57.41	56.19	23	26.7	92	91	E	2	E	1	9	10	4.9
21..	57.64	56.01	23.6	29.4	91	72	E	1	SW	3	10	10	1.5
22..	57.94	56.75	24	28.4	95	82	Calm		S	3	10	10	28.9
23..	58.55	56.83	23.6	26.8	98	90	Calm		Calm		10	10	5.4
24..	58	56.82	23	29.1	96	77	NE	0	Calm		10	10	24.4
25..	58.02	56.30	24	30.5	96	69	NE	1	NW	1	10	10	17.5
26..	58	55.69	23.8	28.6	94	81	Calm		NW	1	10	10	.8
27..	56.91	55.47	23.6	28.5	95	78	NE	1	W	2	8	10	3.5
28..	57.81	57.15	22.7	28.5	94	81	E	1	Calm		10	10	.....
29..	58.61	58.09	22.5	24.9	91	89	NE	1	E	1	10	10	15.5
30..	57.27	56.82	23	27.6	95	80	E	1	E	2	10	10	.....
31..	56.68	55.94	23	27.4	96	86	NE	1	Calm		10	10	12.7
Mean	57.78	56.58	23.8	28.2	92.7	79.9	1.3		1.6		9.7	9.6	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	483

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	56.14	55.60	22.6	29.7	93	73	NE	1	N	1	10	10	.....
2..	56.42	54.87	23.1	31.1	95	68	E	1	SSE	2	10	10	0.3
3..	56.52	55.34	23.1	30.6	90	74	ENE	0	NW	1	8	10	.....
4..	57.38	56.81	23.6	29.9	92	72	E	1	N	2	10	10	9.1
5..	58.09	57.51	23.5	24.8	96	94	NE	1	N	1	10	10	11.4
6..	57.20	56.56	23	27.9	97	82	NE	1	N	1	10	10	1.3
7..	57.33	57.21	24.5	26.9	92	86	Calm		Calm		10	10	3.6
8..	59.25	57.08	23.6	29.1	95	78	E	1	N	1	10	10	.....
9..	57.28	55.45	21.9	28.5	91	78	E	2	E	1	8	10	47.2
10..	56.21	56.02	25.3	28.5	87	78	SE	3	S	3	10	10	.....
11..	57.35	57.12	22.8	25.5	93	93	E	1	E	1	6	10	3.5
12..	58.76	57.12	23.5	30.4	90	72	E	1	N	2	8	9	20.8
13..	58.59	57.47	24.4	28.4	96	77	E	1	N	4	10	10	9.7
14..	57.23	55.64	24.9	26.5	88	90	NE	2	N	4	10	10	8.2
15..	56.20	54.45	24	29.9	96	72	Calm		N	3	10	10	.....
16..	55.98	55.84	23.4	24.9	93	96	Calm		Calm		10	10	4.8
17..	57.27	56 37	24.6	25	87	88	ESE	1	SE	4	10	10	40.2
18..	57.55	55.79	24	29.1	95	74	SE	2	S	4	10	7	6.4
19..	57.19	56.34	24	29.1	96	77	E	2	S	4	10	10	5.1
20..	58.26	56.90	23.1	29.6	95	74	E	1	SSW	4	5	5	.3
21..	58.86	.....	23	....	91	....	NNE	1	.....		4	....	.....
22..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
23..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
24..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
25..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
26..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
27..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
28..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
29..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
30..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
31..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	57.38	56.27	23.6	28.3	92.8	79.8	1.1		2.2		9	9.6	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	[a]171.9

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
2..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
3..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
4..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
5..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
6..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
7..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
8..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
9..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
10..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
11..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
12..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
13..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
14..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
15..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
16..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
17..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
18..	.....	56.86	....	30.9	....	64	.....		W	2	....	9	.....
19..	58.22	57	21.5	30.1	91	68	NE	1	N	2	8	10	0.3
20..	57.37	56.16	21.5	30.4	95	63	NNE	1	W	1	8	9	.....
21..	58.16	56.02	21.9	31.4	88	57	NE	1	W	1	9	9	.....
22..	57.66	56.37	22	31.5	87	57	NNE	1	W	2	7	10	.....
23..	57.26	56.09	21.5	30.6	91	59	Calm		W	1	9	10	.....
24..	57.29	55.56	23.5	29.8	85	63	E	1	N	1	10	10	.....
25..	55.57	55.12	22.5	27.4	91	84	NE	1	Calm		10	10	2.3
26..	55.73	55.10	22.9	29.6	93	70	NE	1	N	3	10	10	.8
27..	55.65	55.18	24	26.6	97	87	Calm		Calm		10	10	.6
28..	56.52	55.20	23.5	30.6	96	68	NE	1	WNW	1	10	10	19.6
29..	56.81	56.16	23.1	30	96	69	NE	1	N	1	10	10	.5
30..	57.30	56.82	22.6	27.1	96	83	NE	1	N	3	9	10	1.3
31..	58.21	57.39	23	25.3	95	82	NE	1	N	1	10	10	15
Mean	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....

[a] 20 days of observation.

Note: This station was temporarily closed from November 21, 2 p. m. to December 18, 6 a. m.

CUYO.

[$\phi = 10°\ 51'$ N; $\lambda = 121°\ 01'$ E; barometer above sea, 4 meters; gravity correction not applied, —1.83 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.05	56.86	24.9	29.2	98	75	NE 1	NE 1	10	10	.....
2	58.89	57.94	24	30.2	95	73	N 1	NE 1	10	10	.....
3	59.24	57.90	25.5	29.3	92	77	NE 2	NE 3	10	9	.....
4	59.38	58.93	26.2	28.7	85	78	NE 2	NE 3	10	7	2
5	61.17	60.73	26	27.3	77	75	NE 2	NNE 3	10	10	.....
6	61.79	60.67	25.4	26.2	74	74	NNE 3	NNE 3	10	10	.....
7	61.23	60.38	25.5	27.7	78	75	NNE 3	NNE 3	10	10	.....
8	61.37	61.02	25.5	28.2	78	70	NNE 3	NNE 3	10	10	.....
9	62.57	60.92	25.7	28.1	79	75	NNE 3	NNE 3	10	10	.....
10	61.92	60.70	25.9	28	83	78	NNE 3	NNE 3	10	10	.....
11	61.28	59.71	25.5	26.3	82	79	NNE 4	NNE 4	10	10	.....
12	59.77	58.91	25.7	26.9	79	82	NNE 4	NNE 3	10	10	.....
13	58.82	58.47	26	28.9	82	71	NE 3	NNE 3	10	8	.....
14	59.27	58.21	25.6	28.6	88	78	NNE 3	NNE 3	10	8	.....
15	59.22	58.03	26	28.3	85	77	NNE 2	NNE 3	10	10	.....
16	58.35	57.45	25.5	27.9	86	78	NNE 3	NNE 3	10	10	.....
17	58.49	57.35	25.5	27.6	85	79	NNE 3	NNE 3	10	10	.....
18	57.87	56.26	26	27.9	87	79	NNE 3	NNE 3	10	10	.....
19	57.49	56.66	25.6	28.2	88	78	NNE 3	NNE 3	10	10	.....
20	57.35	56.45	25.4	28.5	88	78	NNE 2	NNE 2	10	9	.....
21	57.39	56.71	25.6	28.3	92	81	NE 1	ENE 2	10	10	.....
22	57.75	56.76	25.4	27.8	93	79	NNE 3	NNE 3	10	10	.....
23	58.40	57.10	25.4	28.3	92	81	NNE 2	NE 3	10	10	.....
24	57.79	57.06	25.6	28.3	92	78	NNE 3	NNE 3	10	10	.....
25	57.99	57.46	25.6	28.5	88	79	NNE 3	NNE 3	10	10	.....
26	58.68	57.48	25.5	28.8	96	76	NNE 3	NNE 3	10	10	.....
27	58.49	57.31	25.8	27.5	86	81	NNE 2	NNE 2	10	10	.....
28	57.70	57.43	25.3	28.8	86	78	NNE 1	N 2	10	10	.....
29	57.88	57.42	25.6	29.1	88	76	NNE 3	NNE 3	10	10	.....
30	58.53	57.46	25.5	27.7	84	76	NNE 3	NNE 3	10	10	.....
31	58.55	57.21	25.3	28.2	84	74	NNE 2	NNE 3	10	10	.....
Mean	59.12	58.16	25.5	28.2	86.1	77	2.5	2.8	10	9.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.25	57.18	25.4	27.1	87	77	NNE 3	NNE 3	10	10	.....
2	57.45	56.86	25.2	27.2	87	77	NNE 2	NNE 3	10	10	.....
3	57.95	57.81	25.5	27.2	88	82	NNE 3	NNE 3	10	10	.....
4	59.15	59.05	25.6	27.7	88	79	NNE 2	NE 2	10	10	.....
5	59.78	59.66	25.6	29.4	85	73	NNE 2	NNE 3	10	5	.....
6	60.32	60.16	25.5	27.9	86	81	NNE 3	NNE 3	10	10	.....
7	60.47	59.76	26	28.6	85	76	NNE 2	NNE 3	10	10	.....
8	60.32	59.52	25.5	29.4	90	74	NE 2	NE 2	10	6	.....
9	60.53	59.36	26.2	28.6	86	78	NE 2	NNE 3	10	10	.....
10	59.47	59.02	26	27.6	85	76	NNE 3	NNE 3	10	10	.....
11	59.88	58.76	25.5	27.9	84	79	NNE 3	NNE 3	10	5	.....
12	60.29	59.77	25.2	28.3	88	78	NNE 2	NNE 3	10	10	.....
13	59.82	58.83	26	27.7	91	79	NNE 3	NNE 3	10	10	.....
14	59.96	59.34	24.8	24.1	86	93	NNE 4	NNE 4	10	10	7.2
15	60.27	59.26	24.6	27.8	90	79	NNE 3	NNE 2	10	10	.....
16	59.55	58.78	25.2	28.6	88	77	NNE 2	NNE 2	10	9	.....
17	59.04	57.78	25.7	29.3	91	79	NNE 2	NNE 2	10	10	.....
18	57.94	56.76	25.1	27	92	84	NE 1	N 1	10	10	.....
19	57.05	56.52	24.3	28.9	92	76	NNE 1	N 1	10	10	10.2
20	58.25	58.15	23.5	28.2	97	82	NNW 1	NNE 2	10	10	.....
21	59.26	59.04	25.2	27.5	83	79	NNE 4	NNE 4	10	10	.....
22	59.68	59.13	25.2	28.3	85	77	NNE 3	NNE 3	10	8	.....
23	59.10	58.11	25.1	28.7	84	73	NNE 3	NNE 3	10	4	.....
24	57.98	57.23	25.5	28.4	84	78	NNE 3	NNE 3	10	8	.....
25	57.48	56.63	25.6	29.3	90	76	NNE 2	NNE 3	10	7	.....
26	57.28	56.16	26	29.9	89	69	NNE 1	NNE 2	10	4	.....
27	56.74	55.79	26.2	29.7	86	70	NNE 2	NE 2	10	10	.....
28	56.27	56.11	26.1	29.6	87	72	NE 1	NE 2	10	4	.....
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.91	58.23	25.4	28.2	87.6	77.6	2.3	2.6	10	8.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17.4

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.37	56.31	26.4	29.9	84	69	NNE 2	NE 3	10	10	.....
2	56.97	56.36	26.4	29.9	85	71	NNE 2	NNE 3	10	4	.....
3	57.06	56.36	26.6	29.4	81	72	NNE 3	NNE 3	10	10	.....
4	55.94	55.70	26.5	29.9	86	72	NNE 2	NNE 3	10	5	.....
5	56.93	55.59	26.4	29.6	88	73	NE 1	NNE 3	10	10	.....
6	57.44	56.36	26.6	30.3	84	66	NNE 2	NNE 3	10	7	.....
7	57.46	56.71	26.6	29.5	81	71	NNE 3	NNE 3	10	8	.....
8	56.55	55.57	26.1	30.2	81	68	NE 2	NNE 3	10	3	.....
9	56.67	56.35	26.4	31.1	87	67	NNE 3	NNE 3	10	7	.....
10	57.58	56.59	26.4	29.1	86	75	NNE 2	NNE 3	10	10	.....
11	56.84	56.56	26.6	30	80	69	NNE 2	NNE 3	10	10	.....
12	56.98	56.34	26.3	29.2	85	72	NNE 2	NNE 3	10	10	.....
13	57.37	57.15	24.4	28.7	89	76	NE 1	NE 2	10	10	.....
14	57.97	58.17	26.6	29.7	85	70	NNE 3	NNE 3	10	8	.....
15	59.02	58.65	26.5	30.5	76	66	NNE 3	NNE 3	10	10	.....
16	59.04	57.81	26.3	29.9	78	65	NNE 3	NNE 3	10	7	.....
17	58.99	57.60	26.2	31	85	67	NE 2	NE 3	10	10	.....
18	58.64	58.45	26.6	31.7	83	65	NNE 2	NNE 3	10	7	.....
19	58.57	57.75	26.7	30.9	81	69	NNE 3	NE 2	10	10	.....
20	58.66	58.23	26.7	31.9	87	66	NE 1	NE 2	10	8	.....
21	59.04	58.60	26.7	31	74	66	NE 2	NE 3	10	10	.....
22	60.16	59.31	26.6	30.9	82	64	NE 2	NE 3	10	8	.....
23	59.03	58.34	26.8	31.6	80	61	NNE 3	NE 3	10	6	.....
24	58.59	58.02	26.6	29.3	80	74	NNE 2	NE 1	10	10	5.3
25	59.13	58.41	26.5	30.2	81	68	NNE 2	NNE 2	10	10	.....
26	59	57.80	23.9	32.1	91	61	NNE 1	N 2	10	6	.....
27	59.34	59.29	26.4	30.4	86	68	NE 2	N 3	10	5	.....
28	59.80	59.46	26.9	32.1	83	63	NNE 3	N 3	10	8	.....
29	60.25	59.76	26.7	30.6	82	70	NNE 2	NE 3	10	10	.....
30	60.02	58.52	26.8	30.3	82	72	N 3	NE 3	10	10	.....
31	59.27	58.43	26.9	32.6	80	62	N 2	NNE 2	10	8	1.3
Mean	58.25	57.57	26.4	30.4	83	68.3	2.2	2.7	10	8.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.6

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.52	57.94	26.9	31.1	81	69	NNE 3	NE 3	10	6	.....
2	58.39	57.31	27.1	32.2	87	64	NE 2	NE 3	10	10	.....
3	58.25	57.35	27.3	32.2	86	64	ENE 1	NE 2	10	8	2.5
4	58.04	57.63	25.6	33.2	92	55	NNE 1	NNE 2	10	10	.....
5	58.54	57.60	26.4	32.3	87	63	NE 2	NE 2	10	10	.....
6	57.85	57.37	27.5	30	84	71	NNE 1	NNW 1	10	10	.....
7	57.94	56.79	25	30.9	92	65	NE 1	NE 2	10	9	14
8	57.10	55.92	24.9	29.9	93	75	NE 1	NNE 2	10	10	1.8
9	57.70	56.68	24.4	31.6	95	69	NE 1	NW 1	10	10	3.1
10	58.14	56.93	26.1	32.3	94	67	NE 1	SE 1	10	10	.....
11	56.77	55.94	26.4	29.9	87	75	NNE 1	NNE 2	10	7	.....
12	56.90	55.93	24.7	31.6	92	64	S 1	S 2	10	8	.....
13	57.37	57.64	25.5	31.1	93	75	SSW 1	SSW 1	10	10	.8
14	58.63	57.77	25.4	33	93	66	SW 1	SW 1	10	10	2.5
15	58.42	56.85	26.5	32.7	91	62	NW 1	N 2	10	9	.....
16	57.42	56.31	25.2	31.4	92	69	N 1	NNE 1	10	10	5.1
17	57.89	57.14	24	29.8	92	75	SW 1	S 1	10	10	1.8
18	57.83	56.70	24.8	30.2	95	75	WSW 1	SSE 1	10	10	.....
19	57.79	56.59	25.5	31.3	94	68	NW 1	SW 2	10	10	.....
20	57.04	56.25	26.1	33.6	90	54	ESE 1	N 2	10	9	.....
21	56.53	55.80	27.6	33	82	61	NNE 2	NNE 3	10	8	.8
22	56.48	56.01	27.1	31.3	91	70	NE 2	ESE 2	10	10	3
23	55.91	56.25	26.3	32.4	94	66	SSE 1	N 2	10	10	.....
24	57.64	57.26	24.7	30.6	92	70	W 1	NW 1	10	10	.....
25	57.61	57.13	26.6	32.9	90	64	N 1	N 2	10	10	.....
26	57.23	56.58	25.6	34.5	93	61	E 1	NNW 2	10	10	.....
27	56.94	56.90	26.1	32.4	91	69	N 1	SW 1	10	10	.....
28	57.36	56.48	26.6	32.7	90	65	NE 1	NNW 2	10	9	.....
29	56.95	55.49	27.1	33.4	89	63	N 2	W 2	10	10	.....
30	56.46	56.52	25.9	27.3	93	88	NE 1	SSE 2	10	10	4.3
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.56	56.77	26	31.7	90.5	67.4	1.2	1.8	10	9.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39.7

CUYO.

[ϕ=10° 51′ N; λ=121° 01′ E; barometer above sea, 4 meters; gravity correction not applied, −1.83 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.48	56.49	24.8	30.4	95	72	SE 1	NNE 1	10	10	.....
2..	57.22	56.89	26.3	31.7	94	68	NNW 1	NNW 1	10	10	.....
3..	56.57	56.44	28.2	27.2	85	86	N 2	WSW 2	10	10	19
4..	57.67	56.85	25.4	29.8	96	77	W 1	NNW 1	10	10	1.3
5..	57.73	57.15	24.9	30.2	96	74	SE 1	WSW 2	10	10	.....
6..	57.75	56.74	25.4	31.1	93	68	ESE 1	SSW 2	10	10	.....
7..	57.47	56.69	24.9	31.7	95	66	SSW 1	ESE 2	10	10	.....
8..	57.69	56.74	25.4	32.6	91	65	SE 1	NW 2	10	7	.....
9..	58.52	57.34	25.9	33.2	93	64	SE 1	NW 2	10	8	9.4
10..	59.19	57.52	24.4	30.9	93	68	SW 2	S 2	10	10	.....
11..	57.72	56.72	25	30.1	95	76	NW 1	WNW 2	10	10	4
12..	58.18	57.23	25.2	27.9	93	84	S 1	SSW 2	10	9	6.8
13..	58.74	57.74	24.8	30.3	97	72	WSW 1	NW 2	10	10	2.3
14..	59.82	59.09	24.6	27.9	93	82	NW 1	SW 1	10	10	5.6
15..	59.97	58.60	24.4	29.3	95	79	SSE 1	WNW 2	10	9	.....
16..	59.10	58	25.1	29.1	96	78	NNE 1	SE 2	10	8	.....
17..	58.87	58.20	24.5	32.7	95	66	SE 2	WNW 2	10	10	.....
18..	58.88	58.07	28	32.2	83	70	ESE 2	NNE 3	10	9	.....
19..	58.97	57.19	27.2	29.9	82	76	ESE 2	WNW 2	10	9	.....
20..	57.20	57.02	27.9	30.2	84	80	NW 2	NW 2	10	10	19.4
21..	57.40	56.52	24.6	29	96	81	NNW 1	SE 1	10	10	5.3
22..	57.73	57.02	24.9	29.8	96	78	ESE 1	NW 1	10	10	30.7
23..	58.30	58.41	26.2	27.5	85	85	SSW 2	NNW 2	10	10	18.8
24..	58.48	47.51	24.1	30.5	97	76	N 1	SW 2	10	8	.5
25..	58.25	57.10	24.4	31.3	96	69	NNW 1	WNW 2	10	10	10.9
26..	58.50	57.46	24.4	30.4	95	71	SW 1	W 2	10	10	.....
27..	58.69	58.04	24.8	31.6	96	66	W 1	NE 2	10	10	2
28..	57.89	57.02	26.9	28.1	88	80	NW 2	WNW 1	10	10	1.3
29..	58.53	56.52	24.7	30.8	97	71	WSW 1	NNW 2	10	8	28.2
30..	58.50	57.47	24.7	30.6	97	73	NNW 1	NW 2	10	10	4.6
31..	58.28	57.63	24.8	26.5	97	90	SE 1	SSE 1	10	10	3
Mean	58.24	57.34	25.4	30.1	93	74.5	1.3	1.8	10	9.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	173.1

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.52	57.35	24.6	29.7	96	76	SSW 1	SW 2	10	10	.....
2..	58.03	56.12	25.9	32.6	95	70	N 2	NW 2	10	7	.....
3..	56.81	55.77	26.1	32.6	94	72	SSW 1	WSW 2	10	10	4.6
4..	56.79	56.01	25.8	31.4	96	68	NW 1	NNE 1	10	8	17.3
5..	58.21	57.39	26	32.2	94	71	NNW 1	NNW 2	10	10	5.3
6..	58.58	57.58	25.1	31.9	95	70	SE 1	SSW 2	10	10	3
7..	57.92	56.94	25.3	31.5	94	70	SE 1	NW 1	10	8	3.3
8..	58.25	57.39	25.7	30.4	96	74	SE 2	SE 2	10	10	12.7
9..	58.84	57.68	25	27.9	94	85	S 1	SE 2	10	10	13.2
10..	59	57.73	24.4	27.3	95	84	SSE 2	SSW 2	10	10	7.6
11..	57.64	56.35	24.6	32.2	95	66	NE 1	NW 2	10	8	7.1
12..	56.73	56.66	25.4	28.7	96	80	SE 1	SE 2	10	10	17.8
13..	57.50	55.95	24.6	28.3	97	80	SSE 1	W 2	10	10	4.1
14..	57.74	57.05	24.2	28.3	95	81	SE 1	SSE 2	10	10	1.3
15..	58.44	58.05	24.3	31.1	96	73	SE 1	W 1	10	10	2.3
16..	57.94	56.90	25.1	32.2	95	71	NNE 2	N 2	10	10	5.3
17..	57.09	56.40	26.4	31	93	77	NW 1	SSE 2	10	10	7.1
18..	57.06	56.71	26.4	27.6	94	84	NW 1	W 2	10	10	13.9
19..	59.25	58.75	24.9	28.7	94	79	NW 2	WSW 2	10	10	1
20..	58.75	58.52	24.4	29.4	95	81	ESE 1	SSW 1	10	10	.....
21..	58.50	57.53	24.6	32.2	94	67	SE 1	S 1	10	7	.....
22..	58.39	56.79	24.8	32.2	92	67	SW 1	S 2	10	8	13.2
23..	58.50	56.71	23.9	29.4	92	74	NW 1	SW 2	10	10	.....
24..	58.37	57.75	25.4	27.6	93	88	SW 3	SSW 1	10	10	51.1
25..	57.53	56.46	24.4	31.3	97	70	S 2	NW 2	10	10	23.3
26..	56.73	56.45	24.1	25.5	96	93	W 3	SE 2	10	10	35.5
27..	57.09	57.65	25.2	30.9	94	73	S 2	SW 2	10	9	.....
28..	58.65	58.07	24.3	29.7	94	73	SE 1	S 1	10	10	.....
29..	59.29	57.40	24	31.4	99	72	NNE 1	NNE 1	10	10	6.9
30..	58.52	56.77	24.9	29.9	97	74	SE 2	WSW 2	10	10	16.8
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.02	57.10	25	30.2	94.9	75.4	1.4	1.7	10	9.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	273.7

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.30	57.27	23.9	30.3	94	73	SSE 2	NW 2	10	10	7.6
2..	57.30	57.19	24.9	30	94	72	SSW 2	SW 2	10	10	4.8
3..	57.67	56.89	26.1	30	90	70	SW 1	SSW 2	10	8	3
4..	57.33	56.61	25.7	29.6	95	77	SSW 2	SSW 2	10	10	.....
5..	56.08	55.50	26.6	29.8	88	77	SSW 2	SSW 3	10	10	1
6..	56.57	55.30	25.4	28.7	93	78	S 3	SSW 3	10	10	1.3
7..	56.42	55.97	26.3	30.4	93	76	SSW 2	SW 2	10	10	.....
8..	56.27	56.27	26.6	29.7	90	81	WSW 2	SSW 2	10	10	.....
9..	56.79	55.45	24.8	31.9	97	72	SSW 2	WSW 2	10	8	.....
10..	56.42	55.70	25.7	27.2	93	87	SSW 1	SSW 1	10	10	2.3
11..	57.53	55.75	25.4	31.3	97	72	S 2	SSW 3	10	10	.....
12..	56.13	55.54	27.3	31.4	90	73	SW 2	SSW 3	10	10	1.8
13..	56.57	55.37	24.9	31.7	95	70	SW 1	SSW 3	10	10	.....
14..	56.20	54.98	25.5	31.8	94	68	SSW 1	SSW 1	10	10	.....
15..	56.09	55.52	25.4	28.4	95	84	SW 1	WNW 1	10	10	25.4
16..	56.13	55.48	25.9	26.1	95	95	NW 1	WSW 3	10	10	66.8
17..	57.17	56.03	25.8	28.9	88	79	W 3	SSW 1	10	10	.....
18..	56.57	55.63	25.5	31.4	95	70	SSW 2	SSW 3	10	8	1.3
19..	57.04	55.91	25.4	31.1	95	73	SSW 2	SSW 3	10	10	26.4
20..	58.19	57.47	23.2	27.1	97	86	S 2	SSW 1	10	10	2
21..	57.55	57.09	24.5	31.9	96	72	WSW 1	SW 2	10	6	8.6
22..	59.18	58.13	24.7	29.1	89	74	SW 2	SSW 1	10	10	.....
23..	59.46	58.79	25.4	30.6	93	70	SSE 1	S 2	10	10	3
24..	59.27	58.45	24.6	28.7	94	79	SSE 1	SW 2	10	10	2.8
25..	58.12	57.50	24.6	30.4	95	70	S 1	S 2	10	8	.....
26..	57.87	57.01	26.2	29.6	91	80	SW 2	SSW 3	10	10	.....
27..	57.04	56.34	26.2	29.1	91	79	SSW 2	SSW 1	10	10	1.5
28..	56.92	56.31	26.7	28.2	90	88	WSW 3	SW 3	10	10	27.4
29..	56.84	56.61	27.4?	28.9	82?	85	SSW 3	SSW 2	10	10	10.9
30..	58.40	57.37	24.4	29.3	94	79	WNW 2	SW 1	10	10	.....
31..	58.02	57.18	26.6	27.4	82	91	SSW 3	SSW 2	10	10	15.8
Mean	57.27	56.47	25.5	29.7	92.4	77.4	1.8	2.1	10	9.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	213.7

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.22	57.14	26.2	29	89	80	SSW 2	SSW 2	10	10	2.8
2..	58.14	57.41	26.7	29.4	86	77	SSW 2	SSW 2	10	10	.....
3..	57.58	57.20	25.9	31.4	94	73	SSW 1	SW 1	10	10	8.6
4..	57.78	57.17	25.4	26.9	93	83	S 1	SW 2	10	10	10.2
5..	58.28	57.10	24.4	30.4	95	73	SW 1	SSW 2	10	8	.....
6..	58.43	57.14	23.9	31.8	96	70	SSW 2	SW 1	10	7	.....
7..	57.30	56.13	25	32.2	95	68	NW 1	W 1	10	8	.....
8..	56.37	55.53	25.4	29.8	93	77	NW 1	WNW 2	10	8	38.3
9..	57	56.65	24.4	30.2	95	73	NNE 1	SW 2	10	10	.....
10..	58.03	57.23	25.6	31.9	94	70	SW 2	SSW 2	10	7	.....
11..	57.27	56.98	24.7	30.7	95	67	SSW 2	SSW 2	10	8	.....
12..	57.44	57.30	24.9	29.2	95	83	SW 1	SSW 1	10	10	.8
13..	58.68	56.63	25.5	32.4	93	67	SE 1	SE 1	10	8	.....
14..	57.47	56.32	25.1	32.4	95	68	NNW 1	NNW 2	10	6	.....
15..	56.57	56.38	25.8	27.1	93	87	WNW 1	NW 2	10	10	4.5
16..	55.86	54.82	27.2	28.7	85	82	NW 3	NW 3	10	10	55.4
17..	55.44	54.93	25.1	25.6	94	95	SW 3	SW 3	10	10	44
18..	55.94	55.78	25.7	28.1	94	86	SSW 3	SSW 4	10	10	43.2
19..	56.79	56.81	26.4	29.2	91	83	SSW 3	SSW 2	10	10	5.6
20..	57.69	57.37	26.1	29	92	82	SSE 2	S 2	10	10	.....
21..	58.88	58.59	24.7	29.6	97	77	SW 1	SSW 1	10	10	.....
22..	59.15	58.08	24.2	31.4	94	72	ESE 1	SSE 1	10	8	.....
23..	58.75	58.19	27.7	30.9	85	77	NNE 2	NE 2	10	10	8.4
24..	59.65	58.89	24.7	31.2	95	69	NE 1	SSW 2	10	9	.....
25..	59.75	58.68	24.9	29.2	95	79	SSE 2	S 1	10	10	12.4
26..	58.49	57.34	24.7	30.9	95	71	SW 1	SW 1	10	9	4.8
27..	57.92	57.35	25.5	30.9	94	72	NW 1	NE 1	10	8	1.8
28..	59.51	57.78	26.3	31.8	93	76	NNW 1	N 2	10	8	1.5
29..	57.48	56.72	26.4	28.3	93	83	N 1	N 1	10	10	8.9
30..	55.92	55.11	24.4	30.4	95	77	WSW 1	WNW 1	10	10	6.6
31..	55.30	54.61	24.9	27.4	96	89	S 2	S 3	10	10	15.5
Mean	57.65	56.88	25.4	29.9	93.2	77	1.5	1.8	10	9.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	273.3

CUYO.

[ϕ=10° 51′ N; λ=121° 01′ E; barometer above sea, 4 meters; gravity correction not applied, —1.83 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	55.54	55.98	25.9	25.5	89	91	SSW	4	SSW	4	10	10	22.6
2..	56.19	56.85	26.3	25.3	84	93	S	4	S	4	10	10	16.3
3..	57.34	55.96	24.9	29.8	93	77	SSW	3	SSW	3	10	10	3.6
4..	57.30	56.26	24.1	29.6	95	79	SW	2	SW	2	10	10	5.6
5..	56.97	56.32	25.3	29.3	94	78	S	1	NW	1	10	10	4.8
6..	57.65	57.40	23.8	30.4	98	76	SW	1	SW	2	10	10	49.3
7..	57.48	56.50	24	29.6	94	77	SW	2	SW	2	10	10	4.8
8..	56.49	55.20	24.4	28.9	97	81	SSW	1	SSW	2	10	9	3.8
9..	56.93	56.78	25.4	27.3	98	91	SW	1	SW	1	10	10	33
10..	57.76	57.38	24.8	27.3	96	91	SSW	2	SW	2	10	10	31.7
11..	57.98	57.37	23.4	29.2	97	75	SSW	1	SW	2	10	8	.....
12..	58.35	58.15	24.2	31.5	96	71	SSW	1	SSW	2	10	10	.....
13..	58.23	58.30	24.4	29.5	97	76	SE	1	SSE	1	10	10	4.6
14..	58.42	58.11	24.7	29.7	94	77	WNW	1	WNW	2	10	10	2
15..	59.18	57.93	24.4	31.4	91	72	WNW	1	NNW	2	10	9	.....
16..	58.04	56.28	26.2	31.6	94	74	NW	1	N	2	10	10	28.7
17..	57.24	56.70	24.3	29.5	97	80	NE	1	ESE	2	10	10	3.5
18..	58.25	57.80	24.6	28.6	97	80	NE	1	NE	2	10	8	2
19..	58.93	57.56	24.3	29.3	96	82	ENE	1	NE	1	10	10	6.6
20..	58.13	56.52	26.1	28.9	89	82	NE	2	NE	2	10	10	6.4
21..	58.16	57.66	24.3	27.3	96	84	SE	1	SE	2	10	10	11.9
22..	59.19	57.88	24.4	27.6	97	87	SE	1	SSW	2	10	10	4.3
23..	58.23	57.25	24.7	27.4	97	84	SW	1	SSW	1	10	10	.5
24..	58.70	56.36	25.4	30.8	96	77	SW	1	SW	2	10	10	.....
25..	57.50	55.55	24.9	28.2	97	81	S	1	SSW	2	10	10	1.3
26..	56.85	56.05	23.7	30.6	97	80	SW	1	SW	2	10	10	16
27..	57.68	56.55	25.1	31.2	96	76	WSW	2	SSW	2	10	10	19.8
28..	57.10	56.71	26.6	28.4	90	86	SSW	3	SW	3	10	10	42.6
29..	57.05	56.64	25.2	29.9	91	81	SSW	2	SSW	2	10	10	2.3
30..	57.67	57.40	25.2	31.4	97	77	SW	1	SW	1	10	8	2.8
31..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	57.68	56.91	24.8	29.2	94.7	80.5	1.5		2		10	9.7	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	330.8

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	58.75	58.25	25.1	27.5	93	87	SW	1	NW	3	10	10	38.4
2..	58.94	57.08	23.6	28.7	97	83	SE	2	S	3	10	10	29.7
3..	58.74	56.90	23.9	29.3	97	79	SW	1	SW	1	10	8	4.6
4..	57.84	56.49	27.3	29.4	81	76	W	3	W	3	10	10	3.6
5..	55.57	55.15	27.4	25.7	80	93	NW	4	WSW	4	10	10	37.8
6..	55.36	54.28	26.5	25.7	86	89	W	4	SW	6	10	10	33
7..	55.55	54.52	25.8	25.3	85	93	SW	5	SW	5	10	10	14.7
8..	56.46	55.22	27.1	26.6	78	82	WSW	5	WSW	4	10	10	29.3
9..	57.32	56.65	27.1	27.9	81	78	SSW	3	SSW	3	10	10	2.1
10..	58.20	56.75	26.3	29.9	89	69	WSW	2	SW	2	10	10	3.8
11..	58.43	56.66	23.7	30.7	97	70	S	1	S	2	10	10	.....
12..	58.52	57.64	24.3	29.9	92	76	E	1	S	2	10	10	26.2
13..	58.88	58.50	26.1	29.1	88	78	N	2	S	2	10	10	33.3
14..	59.33	57.68	23.8	30.4	98	73	SE	1	SE	1	10	8	.....
15..	58.52	56.99	24.5	28.3	97	82	SE	1	WSW	2	10	10	25
16..	57.83	56.05	25	28.9	93	71	NE	1	NNW	2	10	9	.....
17..	56.29	54.56	27.4	29.7	82	74	N	3	N	3	9	8	.....
18..	55.75	54.95	27.2	29.9	84	72	N	3	NNW	3	10	9	8.9
19..	57.32	55.73	24.1	29.9	94	78	ENE	1	NNE	2	10	10	21.8
20..	57.34	55.12	24.1	29.2	97	84	NE	1	NW	1	10	8	51.5
21..	57.69	56.01	24.4	29.9	97	71	ESE	1	SE	2	10	10	7.6
22..	58.05	56.41	25.4	29.2	93	78	SSW	2	SSE	2	10	9	8.9
23..	58.62	56.60	24.4	27.6	95	79	SE	1	SSW	2	10	10	1.3
24..	57.88	56.56	23.9	27.9	97	83	ENE	1	WSW	1	10	10	18.3
25..	57.51	56.28	23.9	29.2	95	76	E	1	SSW	2	10	10	.....
26..	57.53	55.55	24.2	29.9	95	70	NE	1	WSW	2	10	8	3
27..	56.78	55.50	24.1	29.7	97	78	NE	1	W	2	10	10	11.7
28..	57.64	56.78	24.1	30.1	97	75	ENE	1	S	1	10	10	.....
29..	58.47	56.99	24.6	30.6	96	72	SE	1	NNE	2	10	10	5.4
30..	57.27	56.28	27.4	28.5	82	80	NNW	2	NbyE	3	10	10	.4
31..	56.62	55.68	25.5	30.1	89	73	NE	1	NNE	2	10	9	.3
Mean	57.58	56.25	25.2	28.9	91	78.1	1.9		2.4		10	9.5	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	420.6

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	56.05	55.43	27.2	29.8	83	70	NE	2	N	3	10	10	0.4
2..	56.34	55.39	27.1	30.4	81	70	NW	2	N	3	10	10	1
3..	56.22	55.44	25.7	30.3	85	69	NE	1	NNW	3	10	9	.....
4..	57.15	57.18	27.1	29.8	80	70	E	2	NNW	1	10	9	2.5
5..	58.08	56.91	26	26.6	93	90	N	2	NNE	3	10	10	.8
6..	57.23	56.49	26.3	29.7	88	72	NE	1	NNW	2	10	8	.....
7..	57.18	56.95	25.8	29.2	88	72	SSE	1	E	2	10	10	5.8
8..	59.10	57.24	25.3	29.4	82	74	NNE	2	NWbyN	2	10	10	.....
9..	57.04	55.50	27.6	29.1	81	76	NNW	3	NW	3	10	10	49.5
10..	55.77	55.68	26.1	27.9	90	82	SSE	3	SSW	3	10	10	1.2
11..	57.24	56.48	24.2	30.1	95	73	ENE	1	SSE	2	10	9	4.6
12..	58.45	57.08	25.9	29.9	92	71	NNE	2	NNE	2	10	8	21.1
13..	58.90	57.93	27.2	29.5	81	74	NNE	4	NW	3	10	9	.8
14..	57.44	56	27.4	28.3	78	83	NNE	4	NNW	2	10	10	4.4
15..	56.35	54.81	27.3	28.4	83	79	N	4	NNE	4	10	10	.....
16..	55.55	55.93	26.8	25.2	85	95	NNE	4	SE	2	10	10	29.4
17..	56.75	55.36	25.6	26	88	91	SE	3	SE	2	10	10	16.8
18..	56.82	55.42	25.4	28.3	89	74	S	2	S	3	10	10	17.5
19..	56.43	55.66	25.9	29.5	88	77	SSE	2	SSW	4	19	9	.8
20..	58.01	56.66	25.4	29.6	92	77	SE	1	SSE	3	10	10	5.3
21..	58.79	58.05	24.1	28.7	96	80	SSE	1	WSW	1	10	8	3.5
22..	58.51	57.30	26.4	28.2	86	80	NNE	3	N	3	10	10	14
23..	57.02	55.81	27.3	28.6	84	78	NE	4	NE	4	10	10	.....
24..	56.57	55.71	26.4	28.6	86	78	NE	1	NNE	2	10	9	6.1
25..	56.83	56	24.8	27.2	96	87	ESE	1	S	2	10	10	2.6
26..	58.02	57.03	25.1	29.5	93	76	SE	1	SW	1	10	10	.....
27..	57.96	56.77	23.6	28.3	97	74	SE	1	SSE	2	10	9	2
28..	58.97	58.06	24.4	29.2	96	74	SE	1	NNE	2	10	9	2.8
29..	59.49	59.22	25	30.2	90	74	NNE	1	NNE	2	8	5	.....
30..	59.55	58.49	26.9	29.4	84	74	N	1	N	2	10	9	.....
31..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	57.46	56.53	26	28.8	87.7	77.1	2		2.4		9.9	9.3	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	192.9

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	59.12	57.95	27	30.7	84	73	NNE	2	NNE	2	10	5	.....
2..	59.17	58.08	24.4	29.9	96	71	NE	1	NNE	2	10	6	.....
3..	58.87	58.23	27.2	28.6	79	78	NE	2	NNE	2	10	10	.....
4..	59.09	58.26	26.6	29.9	88	66	NE	2	NNE	2	10	6	.....
5..	58.87	57.19	27.1	29.6	73	72	NE	3	N	4	10	6	.....
6..	57.44	55.73	27.4	28.4	79	81	NE	4	NE	4	10	10	.....
7..	55.77	54.36	27.2	28.4	81	77	NE	4	N	4	10	10	.....
8..	55.40	54.04	26.9	28.9	83	76	N	4	NE	4	10	10	1.3
9..	56.57	56	24.8	29.6	96	72	E	1	SSE	2	10	10	5.6
10..	57.42	55.80	24.4	30.6	96	72	NE	1	SSW	2	10	8	13.2
11..	56.82	55.35	24.4	29.5	97	73	S	1	WSW	1	10	10	.....
12..	57.31	56.51	23.6	28.2	97	80	E	1	NNW	1	10	10	2.8
13..	57.65	56.99	25.6	29.7	91	72	NE	2	NNW	2	10	5	.....
14..	57.90	56.56	25.7	29.3	89	80	NNE	1	NNW	2	10	8	.....
15..	58.54	56.91	26.9	28.7	83	75	NNW	3	NNE	3	10	10	.....
16..	56.92	55.70	26.6	29.2	84	76	NNE	2	NE	3	10	10	.....
17..	57.12	56.06	27.3	29.2	83	76	NNE	3	NNE	3	10	8	.....
18..	57.75	56.76	26.7	29.2	83	76	NNE	3	NE	3	10	9	.....
19..	58.15	57.31	26.9	29	83	74	NE	3	NNW	3	10	10	.....
20..	57.26	56.05	25.4	29.4	90	67	SE	2	N	3	10	10	.....
21..	57.85	55.98	24.9	29.7	93	67	NE	1	NE	2	10	10	.....
22..	57.66	56.45	27.2	29.4	81	72	NNE	3	NNE	3	10	9	.....
23..	57.20	56.09	27.2	29.2	79	68	NNE	3	NE	3	10	10	.....
24..	57.47	55.60	27.1	28.6	82	77	NNE	3	NE	4	10	10	.....
25..	56.52	54.96	26.4	28.1	84	75	NE	2	NE	3	10	10	33.8
26..	55.79	55	25.3	26.7	88	80	NbyE	4	NE	4	10	10	21.8
27..	56.13	54.90	24.4	26.5	93	82	N	5	NE	4	10	10	10.7
28..	56.70	55.60	25.7	25.9	83	84	NNE	3	NEbyN	3	10	10	.....
29..	56.86	55.30	25.8	26.3	81	86	NNE	4	ENE	3	10	10	.8
30..	57	56.50	26.1	25.9	86	86	NbyE	3	E	3	10	10	21.8
31..	58.28	57.20	25.5	26.6	84	83	NNE	3	E	4	10	10	26.4
Mean	57.44	56.24	26.1	28.7	86.1	75.7	2.5		2.8		10	9	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	138.2

NOTE.—Beginning with the morning of October 1, the height of the barometer above sea level was 3.3 meters.

GUIUAN.

[$\phi = 11° 02'$ N; $\lambda = 125° 44'$ E; barometer above sea, 4.5 meters; gravity correction not applied, —1.83 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.20	57.78	21.7	29.6	97	72	Calm	E 2	7	6	3.6
2..	58.85	57.60	22.5	29.7	97	72	Calm	NE 2	3	4	.....
3..	59.39	58	24.1	29.4	96	74	N 1	NNE 2	9	5	5.6
4..	60.50	59.72	26.1	29	84	68	NE 3	NE 5	6	5	1.3
5..	62.59	61.83	25.5	27.2	78	67	NE 6	NNE 6	9	9	1.8
6..	62.76	61.45	25.7	27.8	64	70	NNE 6	NE 5	9	7	.5
7..	61.20	60.77	26	29.2	72	62	NE 5	NE 5	9	6	.....
8..	61.91	61.79	25.9	27.7	75	69	NE 4	NE 4	9	10	3.6
9..	62.94	61.46	24.5	28	89	61	NE 4	NE 5	9	9	4.8
10..	62.26	61.10	26	27.8	75	74	NE 5	NE 4	9	9	44.4
11..	61.47	60.11	25.1	25.3	89	87	NE 6	NE 6	10	10	42.9
12..	60.83	59.58	26	28.4	80	77	NE 5	NE 5	8	7	1
13..	60.14	59.24	25.8	28.9	84	74	NE 3	NE 4	6	6	7.7
14..	59.82	58.76	24.9	25.9	90	86	NE 2	ENE 2	10	9	24.9
15..	59.84	58.06	25.1	27	87	86	NE 3	NE 2	9	10	7.6
16..	58.99	57.77	25.1	27.7	91	79	NE 3	NE 3	9	9	6.9
17..	58.76	57.61	25.7	27.9	92	83	NE 3	NE 3	9	9	42.4
18..	58.88	56.33	24.1	26.5	96	89	NE 1	ENE 2	9	9	66.1
19..	57.51	57.02	23.9	25.8	96	91	ENE 1	E 2	10	10	46
20..	58.13	56.93	24.8	28.9	91	74	E 2	E 3	9	5	.8
21..	57.88	57.06	22.1	29.2	96	72	Calm	E 2	6	5	3
22..	58.23	56.95	23	28.8	97	76	Calm	NE 2	5	6	.....
23..	58.77	57.20	22	28.5	96	74	Calm	NE 2	9	9	2.3
24..	58.59	57.51	24.2	26.8	97	83	NE 1	ENE 3	7	9	14
25..	58.86	58.26	25.1	28.8	77	67	E 2	E 2	7	7	2.5
26..	59.43	58.15	24.4	28.8	90	78	ENE 2	NE 3	6	7	11.9
27..	59.56	58.58	23.7	24.9	93	92	NE 1	NE 2	6	10	17.3
28..	58.88	57.76	24.9	27.6	90	80	ENE 2	ENE 2	9	9	4.6
29..	59.02	58.31	25.6	28.5	83	70	ENE 2	NE 3	8	9	.....
30..	59.57	58.20	24.3	29	84	69	ENE 2	NE 2	7	4	.....
31..	59.10	57.70	22	30	96	66	Calm	ESE 2	6	9	10.7
Mean	59.80	58.66	24.5	28	87.8	75.5	2.4	3.1	7.9	7.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	378.2

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.79	57.43	23.5	27.1	95	77	NNE 1	NE 2	9	9	2.1
2..	58.32	57.35	25.7	29.3	81	69	ENE 4	ENE 4	9	6	1.6
3..	58.79	58.80	25.1	28	80	67	ENE 4	NE 4	8	9	1.8
4..	60.15	60.03	25.3	28	74	70	ENE 3	ENE 4	7	6	4.6
5..	61.31	60.78	25.2	28.7	75	68	ENE 3	ENE 4	7	6	9.7
6..	61.69	61.27	25.4	28.1	80	70	ENE 4	ENE 4	8	9	46.7
7..	61.50	60.68	23.8	28.1	91	75	ENE 3	ENE 3	9	9	9.9
8..	61.02	60.04	25.2	27.9	85	74	ENE 2	E 3	5	9	.8
9..	60.92	59.68	25.1	28.2	86	73	NE 2	ENE 2	7	7	.....
10..	60.77	59.78	25	28.5	82	70	NE 2	ENE 3	8	9	4.3
11..	60.47	59.10	25.1	29	84	71	ENE 2	ENE 3	5	6	.8
12..	60.70	59.58	24.7	31	93	73	E 2	E 1	9	7	7.9
13..	60.65	59.59	23.6	26.7	96	86	Calm	ENE 2	9	10	8.9
14..	60.57	59.32	25.4	28.7	88	73	NE 2	ENE 4	9	9	3.8
15..	60.88	59.55	25.9	27.8	80	77	ENE 3	ENE 3	6	9	1.3
16..	60.44	59.08	25.4	28.8	87	69	ENE 2	ENE 3	9	9	.....
17..	59.76	58.76	24.4	25.5	91	93	E 1	E 2	4	10	72.9
18..	58.79	57.62	22.9	25	97	87	ENE 1	E 1	9	10	14.2
19..	58.17	57.08	22.3	29	96	83	E 1	SE 2	7	7	2.8
20..	58.46	58.19	21.5	28.1	97	78	Calm	ESE 1	1	5	4.8
21..	60.10	59.30	23.7	26.8	96	76	Calm	ENE 2	10	10	100.8
22..	59.77	59.18	23.9	28.4	92	78	NNE 2	NNE 2	9	9	20.1
23..	59.38	57.78	24.8	28.7	91	69	NE 3	ENE 3	6	7	5.6
24..	58.86	57.88	25.1	29.5	89	70	ENE 2	E 2	6	6	.5
25..	58.55	57.58	22.9	28.2	96	81	Calm	ENE 2	7	5	8.6
26..	58.48	57.21	25.3	29	85	76	ENE 2	ENE 3	6	7	8.4
27..	57.88	56.96	24.8	29.5	92	71	ENE 1	ENE 3	5	4	3.8
28..	57.28	56.65	24	29.5	96	74	ENE 1	ENE 3	6	3	6.3
29..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.73	58.79	24.5	28.3	88.4	74.9	1.9	2.7	7.1	7.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	353

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.23	57.31	25.4	26	88	86	ENE 2	NE 1	9	9	14
2..	58.02	56.81	25.7	29	84	76	ENE 3	ENE 3	4	7	21.3
3..	58.07	56.88	25	27.8	92	78	ENE 2	E 2	7	8	.8
4..	57.39	56.21	25.2	28.7	91	80	ENE 2	ENE 3	7	8	87.8
5..	58.85	56.95	23.1	26.9	96	86	E 1	NE 2	10	9	.8
6..	58.80	57.66	25.4	27.6	87	83	ENE 2	NE 3	3	6	3.3
7..	58.40	57.73	25.9	29.1	83	67	ENE 3	ENE 3	3	3	1
8..	57.85	56.95	25.9	29	81	71	ENE 2	ENE 3	4	3	1
9..	57.46	56.93	25.7	29.5	84	74	ENE 2	ENE 3	3	5	.....
10..	58.91	57.55	25.8	29.7	83	72	NE 2	NE 3	9	7	4.1
11..	58.46	57.24	25.8	29.5	79	70	ENE 3	ENE 3	7	4	6.9
12..	57.97	57.21	25.7	29.3	79	70	ENE 2	ENE 3	9	9	1
13..	57.90	57.38	25.9	29.5	85	66	ENE 2	ENE 2	6	7	30.7
14..	58.74	58.24	23.3	29.1	96	62	Calm	NE 3	7	9	9.1
15..	60.44	59.52	24.1	25.6	93	91	ENE 2	NE 1	9	9	80.5
16..	60.15	58.61	24.8	28.6	89	74	ENE 1	ENE 2	5	4	.8
17..	59.85	58.58	25.1	29.5	86	68	ENE 1	ENE 3	5	4	4.1
18..	59.55	58.86	24.7	28.2	90	80	Calm	ENE 2	6	6	3
19..	59.75	58.58	23.8	29.5	94	68	Calm	E 3	5	3	6.4
20..	59.37	58.58	25.2	29.8	89	73	E 1	E 3	4	6	1
21..	59.57	59.13	24	29.4	92	73	Calm	ENE 2	4	9	2.6
22..	60.64	59.83	25.3	29.5	85	71	ENE 1	ENE 3	3	5	1.8
23..	59.86	59.34	24.8	29.7	87	69	ENE 2	ENE 2	7	4	5.9
24..	59.35	58.89	25.7	28.6	81	66	ENE 2	ENE 2	6	3	.....
25..	59.85	59.03	25.6	29.2	79	68	ENE 1	ENE 2	4	3	1.5
26..	59.61	58.68	25.9	29.7	78	63	ENE 2	E 3	5	4	.....
27..	60.14	59.60	25.5	29.8	84	68	ENE 2	E 3	3	5	.....
28..	60.80	60.04	24.8	30.2	85	70	E 1	E 3	1	5	3.6
29..	60.56	59.83	25.4	30.3	89	69	ENE 3	E 2	9	5	.....
30..	60.40	58.73	22.6	30.7	97	59	Calm	E 2	5	4	.5
31..	59.89	58.79	23.7	30.1	96	68	Calm	E 2	3	5	9.4
Mean	59.19	58.25	25	29	87.2	72.5	1.5	2.5	5.5	5.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	302.9

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	60.21	58.62	24.3	30	95	71	Calm	E 2	8	4	15.5
2..	59.09	57.99	24	30	97	71	Calm	E 3	4	7	.....
3..	58.98	58.07	25.2	30.2	81	59	E 1	E 1	4	7	.....
4..	59.09	58.30	21.3	28	95	81	Calm	ENE 2	6	9	52.4
5..	59.54	58.33	24.2	28.5	95	79	NE 1	NE 2	10	9	.5
6..	58.49	57.99	24.3	29.1	95	76	Calm	ENE 2	7	9	1
7..	58.68	57.09	23.3	30.6	97	76	Calm	SE 2	7	7	.....
8..	57.88	57.06	25.4	28.5	87	81	NE 2	ENE 1	9	9	5.3
9..	57.95	57.71	25.9	31.9	86	66	E 1	E 2	6	5	.....
10..	58.80	57.99	25.7	29.5	90	73	E 1	E 2	7	8	4.3
11..	57.95	56.79	25.9	30.2	86	71	E 2	E 2	5	6	.....
12..	57.58	56.78	25.1	30.8	86	64	SE 2	ESE 2	4	4	.....
13..	58.13	57.77	23	30.9	96	70	Calm	ESE 2	5	6	.5
14..	59.08	57.95	22	30.5	97	63	Calm	ENE 2	3	4	1.3
15..	59.22	57.27	23.8	30.6	96	67	Calm	SE 2	9	8	.....
16..	58.43	57.06	22.5	31.9	96	65	Calm	SE 2	3	2	.....
17..	58.31	57.29	24	31.8	96	65	Calm	SE 2	6	5	.....
18..	58.81	57.54	23.5	30.1	97	71	Calm	E 2	4	6	.....
19..	58.79	57.30	22.6	32.8	97	62	Calm	SE 2	4	4	.....
20..	58.33	57.34	24	31.3	93	61	Calm	E 3	9	4	.3
21..	57.57	57.12	25.1	27.4	97	81	E 1	SE 2	4	10	21.3
22..	57.75	57.17	25.9	31.7	86	62	E 1	SE 2	6	6	.....
23..	57.41	56.84	25	30.1	87	69	E 1	E 2	9	9	1.8
24..	58.15	57.23	26.4	32.8	92	68	SE 2	SE 1	6	5	.....
25..	58.26	57.42	24.2	30.4	97	70	Calm	ENE 1	3	7	.....
26..	57.78	56.84	23.5	31	97	68	Calm	NE 2	9	9	15
27..	57.56	56.50	25.2	31.6	92	72	Calm	SE 1	9	4	.....
28..	57.55	56.48	25.9	32.7	94	66	SE 1	SE 2	5	6	.....
29..	57.76	56.12	23.8	32.1	97	66	Calm	SE 2	4	5	.....
30..	57.09	56.40	25.2	33	89	61	ESE 1	SSE 2	6	5	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.34	57.34	24.3	30.7	92.9	69.2	0.6	1.9	6	6.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	119.2

GUIUAN.

[ϕ=11° 02′ N; λ=125° 44′ E; barometer above sea, 4.5 meters; gravity correction not applied, —1.83 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.72	57.10	23.9	32.9	96	68	Calm	ESE 1	6	5	0.3
2..	57.55	57.34	25.5	29.7	94	79	Calm	SSE 2	5	9	6.6
3..	57.78	56.33	23.8	32	97	68	Calm	SE 2	9	6	2.3
4..	57.90	57.02	26	31.3	87	68	SSE 2	SSE 2	5	4	.....
5..	58.46	57.56	24.4	31.3	96	69	Calm	ESE 2	5	5	1.5
6..	58.48	57.48	25.2	31	96	71	SSE 2	SE 2	9	9	1.3
7..	58.17	56.97	26.4	32.6	88	68	SSE 1	SSE 2	9	4	.....
8..	58.55	57.42	25.9	33	91	68	SSE 1	SSE 2	6	5	.....
9..	58.96	57.53	27.6	32.1	87	71	SSE 2	SSE 2	5	4	1
10..	58.70	57.30	27.4	32.9	86	70	SSE 2	SSE 2	4	5	.....
11..	57.92	56.66	25.3	31.7	96	70	Calm	SSE 2	6	6	.....
12..	58.45	57.37	27	30.9	81	71	S 2	S 2	7	5	.5
13..	59.38	58.46	25.5	31.6	95	72	Calm	S 2	5	4	.....
14..	59.85	58.62	24.7	32	94	66	Calm	SE 2	2	3	.....
15..	60.65	59.12	24	31.8	95	62	Calm	ESE 2	3	4	.....
16..	59.95	58.41	23.7	31.5	95	60	Calm	E 2	3	4	.....
17..	59.55	58.95	25	30.4	92	74	Calm	SSE 2	9	9	39.1
18..	60.36	58.93	24.8	30.1	92	72	Calm	E 3	9	9	3.3
19..	58.93	58.27	25.2	27	95	88	Calm	Calm 6	10		34.8
20..	57.70	57.28	25.4	28.6	94	77	E 2	S 1	9	10	16.2
21..	57.67	57.54	25.3	27.3	94	85	Calm	E 1	5	9	21.9
22..	58.38	58.23	24.1	26.5	96	87	Calm	ENE 2	9	9	12.7
23..	59.24	58.37	24	30.5	91	72	ESE 1	ESE 2	7	5	.....
24..	59.02	58.14	23.5	31	96	65	E 1	E 2	5	8	11.2
25..	58.52	57.29	24.9	30.2	96	70	Calm	E 2	7	6	5.9
26..	58.76	57.43	25.4	32.5	93	73	ESE 1	SE 2	1	6	.....
27..	59.28	58.73	25	29	95	78	E 1	E 1	5	10	5.1
28..	58.58	57.34	25	31.3	94	71	Calm	SSE 2	1	5	3.3
29..	58.23	56.58	24	31	97	71	Calm	ENE 2	5	5	43.2
30..	59.05	57.31	24.2	30.7	95	75	SE 2	SE 2	10	9	.8
31..	58.79	57.87	27.4	31.4	84	72	SE 2	SE 2	8	8	.5
Mean	58.73	57.71	25.1	30.8	92.8	72	0.7	1.8	6	6.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	211.5

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.05	58.13	27.4	31.6	82	65	SE 3	ESE 2	7	9	.....
2..	58.51	57.12	24.8	30.7	93	71	Calm	E 2	5	7	1
3..	57.67	56.77	24	30	97	71	Calm	ENE 2	3	9	15.
4..	57.60	57.07	26.3	30.7	90	72	ENE 2	E 3	7	6	1.3
5..	58.05	57.63	26.9	30.3	84	77	E 2	E 2	5	6	11.2
6..	59.30	58.32	26.1	30.4	87	72	E 1	ESE 1	4	9	1.6
7..	58.60	57.73	25.5	32	89	67	E 2	ESE 3	9	7	15
8..	58.95	58.31	25	30.5	93	68	ESE 2	E 3	9	7	6.4
9..	59.41	58.27	25.1	29.1	94	78	Calm	ESE 1	5	7	1.3
10..	59.41	57.89	24.2	29.3	97	75	E 1	E 1	9	9	19.8
11..	58.91	57.35	25	30.3	92	72	N 2	E 3	9	7	23.3
12..	57.96	57.10	25.6	29.2	90	74	E 1	E 2	6	8	11.7
13..	58.45	57.40	25	30.3	91	72	E 2	SE 2	8	6	8.7
14..	58.89	57.36	24.8	25.9	92	86	E 2	E 1	9	9	26.9
15..	58.93	57.60	24.4	30.5	95	72	E 1	ENE 2	7	7	14.5
16..	58.69	57.22	24	30.3	96	73	Calm	SE 2	7	4	5.6
17..	57.96	56.63	23.9	31.5	96	72	ENE 1	SE 2	5	5	8.6
18..	57.75	57.52	24.1	30.1	95	77	Calm	SE 2	9	9	30.2
19..	59.30	58.93	26.8	30	83	72	S 3	S 1	9	9	.....
20..	59.89	58.84	27	32.5	87	72	SSE 2	SE 2	4	3	6.6
21..	59.14	58.30	23.7	30	95	69	Calm	E 2	9	9	.8
22..	58.27	56.90	24.7	29.1	92	73	NE 1	NNE 1	7	3	1.8
23..	57.83	56.32	23.1	30.4	97	72	Calm	SSW 1	9	6	8.9
24..	57.98	56.26	24.4	28.7	96	80	Calm	WSW 3	10	9	6.4
25..	57.56	56.04	24	27.3	95	86	Calm	WSW 3	10	9	31.5
26..	57.37	56.21	23.8	28.8	94	76	Calm	SSW 4	9	7	.....
27..	58.39	57.62	27.1	30.4	83	68	S 2	SSE 2	9	6	.....
28..	59.38	58.38	27	31.2	89	73	SSE 2	SE 2	5	6	.....
29..	59.92	58.28	23.6	30.5	97	68	Calm	NE 2	3	7	.5
30..	58.28	56.75	24.2	30	96	69	SE 1	E 1	9	6	5.1
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.58	57.48	25	30.1	91.9	73.1	1.1	2	7.2	7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	263.7

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.66	56.88	24.9	31.7	96	72	SSE 1	SE 2	6	7	.....
2..	57.71	56.96	27.8	30.6	82	74	SSW 3	SSE 2	7	7	3.6
3..	57.57	56.38	26.1	30.3	94	74	SW 1	SW 3	4	8	.....
4..	56.69	55.98	28	30.2	81	71	SW 3	WSW 2	8	10	.....
5..	55.99	55.40	28	30	78	76	SW 3	SW 3	9	10	.....
6..	56.14	55.53	28	30.2	79	72	SW 3	SSW 2	9	9	.....
7..	57.01	56.19	27.4	29.7	84	77	S 2	SSW 2	10	9	1.3
8..	57.09	56.01	27.5	31.1	87	72	SSE 2	SSE 2	3	8	.....
9..	56.75	55.38	27.8	30.5	82	73	SSW 2	S 2	7	4	.....
10..	56.41	55.52	27.9	30.7	84	75	SSE 2	SSE 2	5	7	1.3
11..	57.06	55.95	26.9	29.6	86	78	SSW 2	SSW 2	10	10	.....
12..	56.44	55.68	27.9	31.1	83	73	S 3	S 1	10	9	.....
13..	57.59	56.16	27.2	31.6	84	67	SSE 2	SE 2	8	4	.....
14..	56.37	55.32	24.4	31	95	75	Calm	ESE 2	6	8	20.1
15..	56.41	54.95	25.6	28	88	81	S 1	W 2	10	10	57.2
16..	56.15	55.89	25.9	27.7	90	87	SSE 4	SSE 4	10	10	11.7
17..	57.07	56.17	26.6	29.1	84	76	SSE 4	S 3	9	9	1.8
18..	57.31	56.23	27.6	31.5	87	73	SE 3	SE 2	7	7	.....
19..	57.28	56.84	27.4	30.5	87	75	SE 2	SE 1	8	9	21
20..	58.74	57.94	24	29.1	96	76	Calm	SSW 1	10	7	4.8
21..	57.57	57.19	27	30	84	69	SE 1	ENE 2	8	5	11.4
22..	59.37	58.13	24.6	29	94	74	Calm	WSW 2	10	9	18
23..	59.51	58.70	24.5	30.1	95	69	Calm	SSW 2	7	6	5.3
24..	59.33	57.80	24.9	30	96	71	Calm	WSW 3	10	7	.....
25..	58.26	57.19	26.1	29.3	81	73	WSW 2	SW 2	8	10	.....
26..	57.41	56.52	27.4	30.6	87	72	WSW 2	SSW 3	3	4	11.8
27..	56.91	55.61	27	30.4	79	67	SW 3	SSW 3	9	8	.5
28..	56.66	56.02	27.4	30.4	87	72	SSW 4	SSW 3	10	7	.....
29..	57.11	56.23	28	31.5	81	73	SSW 4	S 4	4	5	.....
30..	57.69	56.97	27.8	31.1	82	76	SW 3	SSW 3	4	9	.....
31..	58.15	57.05	27.9	30	82	74	S 4	S 3	9	9	.....
Mean	57.34	56.41	26.8	30.2	86.3	73.8	2.1	2.3	7.7	7.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	169.8

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.35	57.39	27.4	30.5	83	70	S 4	SSW 2	5	1	.....
2..	58.13	57.09	27.6	31.1	87	76	SSE 2	S 2	4	5	1.8
3..	57.51	57.30	25.9	28.8	93	79	S 1	SSW 3	9	10	6.6
4..	58.12	57.51	25.4	28.7	91	73	S 4	SW 2	10	10	.3
5..	59.20	57.83	25.1	32.1	83	66	NNW 1	SW 2	9	5	.....
6..	59.01	57.22	24.4	32.9	93	65	Calm	SSE 1	3	3	.....
7..	57.25	56.33	25.4	29	95	74	Calm	Calm	5	8	2.3
8..	56.87	56.04	24.1	29.9	97	72	Calm	SSE 2	9	9	.....
9..	57.44	56.82	27	31.2	85	74	S 2	SSE 2	6	4	.....
10..	57.31	57.21	27.4	32.4	86	68	SW 2	SE 2	5	7	.....
11..	57.79	57.42	27.7	31.4	84	70	SSE 2	SSE 3	10	9	.....
12..	58.15	57.07	27.7	32.2	82	68	SE 2	SE 2	5	5	.....
13..	58.69	56.97	27.4	33.4	85	67	SE 2	SE 1	4	3	.....
14..	57.26	55.82	24.1	32.2	95	69	SSE 1	S 2	3	3	.....
15..	56.15	54.88	28	29.9	89	78	SSW 2	SW 3	7	7	.....
16..	55.13	53.52	28.2	30.5	80	78	SW 3	SSW 4	9	9	.....
17..	54.33	54.27	28	30.3	81	70	SSW 5	S 5	9	9	.....
18..	56.54	55.92	27.8	32	84	68	S 4	SSE 2	9	9	.....
19..	57.34	57.15	27.7	33	88	64	SSE 2	SE 3	9	5	.....
20..	58.08	57.66	27.2	32.4	85	66	SE 2	SE 2	9	9	.....
21..	59.23	58.68	26.2	32	90	70	SE 1	S 2	3	3	.....
22..	59.91	58.18	23.1	33.1	96	63	Calm	SSE 2	1	6	.....
23..	58.93	59.02	23.1	30.2	96	67	Calm	NE 2	4	10	.3
24..	60.10	58.97	23.2	32.2	97	68	Calm	SE 2	4	7	1.3
25..	60.04	58.81	26.7	32.3	84	68	S 2	SSE 2	7	7	.....
26..	58.82	56.97	26	31.7	94	73	S 1	SSE 2	4	5	.....
27..	58.23	56.77	24.6	33	95	67	Calm	SE 2	5	3	3.6
28..	58.75	57.23	26.7	31.6	90	76	S 1	SSE 2	7	7	24.1
29..	57.81	56.47	24.5	29.1	95	80	Calm	W 1	4	8	3.2
30..	56.07	55.08	25	31	93	71	WSW 1	SW 2	4	5	.....
31..	55.69	55.04	26.6	29.7	90	78	WSW 2	SW 3	6	9	.....
Mean	57.81	56.86	26.1	31.3	89.2	70.8	1.6	2.2	6.1	6.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43.6

GUIUAN.

[$\phi = 11°\ 02'$ N; $\lambda = 125°\ 44'$ E; barometer above sea, 4.5 meters; gravity correction not applied, —1.83 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.09	56.04	27.4	28.1	86	80	SSW 4	SW 4	10	10	0.3
2..	58.17	56.90	27.3	28.4	81	72	S 2	SW 3	10	9	1
3..	57.68	56.23	24.5	30.6	95	69	S 1	SSE 2	10	10	.5
4..	56.52	56.01	26.9	27.9	91	79	WSW 2	WSW 3	10	10	1.5
5..	56.39	55.93	26.9	29.4	85	73	WSW 4	SW 3	9	9	.8
6..	57.72	57.10	27	31	88	73	SW 3	S 3	9	8	.3
7..	57.96	56.66	27.4	31.9	88	69	SSE 3	SSE 2	7	9	.....
8..	57.12	56.02	26.9	27	86	81	SW 2	SSE 3	10	10	3.3
9..	57.17	56.29	26.9	30.1	85	73	S 3	SW 2	10	9	.....
10..	57.71	57.20	27.3	30	92	71	SSE 3	S 2	10	10	.....
11..	58.49	57.15	27.1	31.9	87	66	S 3	SE 3	9	5	.....
12..	58.60	57.58	27.6	33	85	70	SSE 2	SE 2	9	9	28.2
13..	59.41	58.29	24.5	27.4	93	79	SSE 2	NNW 2	10	10	9.9
14..	58.95	58.27	22.8	31.7	97	67	Calm	SE 2	6	3	.....
15..	59.58	57.98	22.1	31.1	98	71	Calm	SE 2	3	9	.5
16..	58.17	56.55	23.9	30.6	96	70	Calm	NE 2	9	8	3
17..	57.57	56.62	24.1	32.9	97	67	SE 2	SE 2	5	3	13.5
18..	58.94	57.70	23.2	30.5	97	66	Calm	ESE 2	7	7	.5
19..	59.37	57.23	24.2	30.2	96	71	Calm	SE 1	9	9	18.3
20..	58.76	57.05	23.5	28.8	95	80	E 1	ESE 2	9	9	5.3
21..	58.63	57.98	26	30.6	87	68	SE 2	SE 2	9	9	6.6
22..	59.26	57.91	26.5	31.5	85	72	SSE 2	SE 1	9	4	24.1
23..	59.16	56.83	24	30.7	97	75	Calm	SSE 2	9	8	.....
24..	58.45	56.44	26	30.1	89	73	S 2	S 2	7	9	18
25..	56.97	55.37	24.2	30.6	97	74	Calm	S 2	7	3	.....
26..	56.70	55.88	27.8	30.2	84	75	SW 2	SSW 2	9	8	11.9
27..	57.76	56.10	26	30	93	75	S 2	SSW 3	9	9	13.2
28..	56.89	56.06	27.4	30.5	85	76	SW 4	SSW 3	9	6	45.7
29..	58.72	57.16	24.5	29.4	92	79	WSW 4	S 2	10	10	10.2
30..	58.15	56.92	27	31.8	84	70	SSE 2	SE 3	9	8	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.07	56.85	25.7	30.3	90	72.8	1.9	2.3	8.6	8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	216.6

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.80	57.47	25	31.9	95	72	Calm	SE 1	8	9	20.8
2..	58.66	56.73	24.1	31.4	95	71	Calm	SSE 2	8	9	1.5
3..	57.95	56.47	25.8	29.5	91	76	WSW 2	W 1	9	10	4.1
4..	56.85	55.08	26.7	29.8	86	74	SW 3	WSW 4	9	9	.....
5..	55.80	53.98	26.4	29	90	74	WSW 4	SW 4	10	10	29.5
6..	54.36	53.57	27	27.2	83	81	SW 5	SW 5	10	10	1.1
7..	54.65	54.19	26.8	29	77	77	SW 5	SSW 5	10	9	.....
8..	56.05	56	27.1	29.7	78	73	SSW 4	S 4	10	9	.....
9..	57.95	57.13	27	30.5	86	72	S 3	S 3	10	7	.....
10..	58.28	57.52	27.4	31.2	85	70	SSE 4	SE 2	8	7	.....
11..	58.93	57.44	23.3	30.2	96	68	Calm	E 2	5	7	13
12..	59.01	58.21	24.4	28.9	95	79	E 1	E 2	9	9	11.2
13..	59.75	59.02	26.6	29.3	88	75	SE 2	Calm	9	9	15
14..	59.82	58.14	22.8	29.5	97	68	Calm	E 2	9	7	.....
15..	59.52	57.60	22.9	30.2	96	70	Calm	E 2	5	5	.3
16..	58.66	56.40	25	29.9	92	72	E 1	NE 2	7	5	2.5
17..	56.55	54.90	25.3	30.1	93	75	Calm	ENE 2	6	9	6.1
18..	56.06	54.77	24.7	29.2	96	78	ENE 1	NE 2	9	8	12.7
19..	57.04	55.48	24.1	32.2	97	70	ENE 1	ESE 2	9	5	3.6
20..	57.42	56.30	24.2	30.9	97	76	Calm	SE 2	7	7	15.5
21..	57.90	56.27	25.9	32.4	91	67	SE 2	SE 2	9	6	14
22..	58.14	57.11	24.5	27.7	94	83	SE 2	E 1	9	10	9.2
23..	58.44	57.18	24.2	28.2	97	82	Calm	E 1	10	9	5.8
24..	58.91	57.08	24.2	25.7	96	86	Calm	Calm	9	9	22.6
25..	58.49	56.40	25.3	30.4	95	70	Calm	ENE 1	9	4	6.1
26..	57.43	55.87	24	30.4	97	68	Calm	ESE 2	4	3	1.3
27..	57.23	55.65	23.5	29.8	97	72	Calm	ESE 2	4	4	1.5
28..	58.13	57.17	24	29.9	97	67	E 1	ESE 2	7	4	17
29..	58.66	57.78	24	24.5	96	92	NE 1	E 1	9	10	70.9
30..	58.19	57.26	22.9	29	97	74	ENE 1	E 2	9	9	1.3
31..	57.25	56.85	25.6	26.4	88	83	ENE 2	ENE 2	9	10	45.2
Mean	57.77	56.48	25	29.5	92.2	74.7	1.5	2.1	8.2	7.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	331.8

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	56.92	55.51	24	29.5	98	75	NNE 1	NE 2	10	9	15.8
2..	56.63	56.53	25.6	25.7	91	90	ENE 2	E 2	10	10	44.7
3..	57.98	56.88	24.2	26.2	96	84	E 3	E 2	10	10	16.5
4..	58.53	57.73	24.6	28.3	96	79	Calm	E 2	10	8	18.2
5..	58.57	57.37	24.8	26.2	92	90	E 3	E 1	10	10	83.3
6..	59.23	58.15	24.3	26.4	94	85	E 2	E 2	10	10	18.6
7..	59.15	57.90	25.9	26	88	89	E 2	E 1	10	10	12.7
8..	58.75	57.15	25.9	30.1	88	73	E 2	NE 2	7	4	3.3
9..	56.41	55.15	25.8	28	92	83	W 2	S 3	10	6	18.8
10..	57.38	56.33	24.2	29.8	92	83	E 1	SE 2	5	4	5.4
11..	57.22	56.02	24.9	30.8	97	70	NNE 2	NNE 3	6	5	10.2
12..	57.79	56.55	23.4	30.7	95	74	NNE 2	NW 2	5	5	.3
13..	58.08	56.55	23.9	29.5	94	81	Calm	N 2	9	9	8.9
14..	55.60	54.97	25.6	27.5	93	86	W 2	ENE 2	10	10	81.5
15..	56.58	55.59	24.5	28.6	96	80	Calm	ENE 2	10	9	52.3
16..	57.19	56.36	24	25.1	95	89	NE 2	NE 2	10	10	30.5
17..	57.83	56.51	24.8	27.5	92	86	Calm	NE 1	10	10	1.3
18..	58.02	56.14	22.2	31.6	96	70	Calm	SSE 2	7	1	2
19..	57.88	56.85	23.6	30.1	92	76	Calm	SW 2	8	5	.....
20..	58.93	57.04	23.5	31.7	96	73	Calm	SSW 1	3	3	.....
21..	59.13	57.70	24	30.2	96	68	Calm	ENE 3	3	3	103.7
22..	59.04	57.77	23.4	27.4	95	82	ENE 1	SSE 1	10	9	20.6
23..	58.13	56.87	25.4	26.8	92	85	NNE 2	Calm 1	10	10	19.8
24..	57.37	55.98	24.6	26.1	94	87	NE 1	ENE 2	10	9	58.9
25..	58.04	57.22	24	27	97	88	E 1	SE 2	10	10	5.6
26..	58.83	57.39	24	28.7	97	77	Calm	NE 2	9	7	6.6
27..	58.48	57.28	23	29	96	78	Calm	E 2	8	6	5.1
28..	59.51	58.58	24.2	30.5	97	68	Calm	E 1	6	5	1
29..	59.70	59.23	23.5	28.8	96	80	Calm	ENE 1	3	7	13
30..	60.01	58.96	24.4	28	90	79	NE 2	NE 1	9	9	5.4
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.10	56.94	24.3	28.4	94.1	80.3	1.1	1.8	8.3	7.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	664

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.80	58.34	24	28.4	96	80	N 1	NE 2	8	7	6.6
2..	59.55	58.28	24	29.7	95	75	NNE 1	N 2	6	7	1.1
3..	59.55	58.98	23.9	29	95	75	NE 1	ENE 2	8	9	2.5
4..	59.86	58.45	26	30.2	78	67	ENE 2	ENE 3	3	3	13.2
5..	59.01	57.54	26	27.3	82	83	NE 2	NE 2	9	9	10.7
6..	57.35	55.46	26.4	28.7	82	76	NE 2	NE 3	7	9	8.4
7..	55.83	54.66	25.3	29	93	76	NNW 2	N 3	10	9	43.9
8..	55.07	54.16	25.4	26.5	92	84	NE 2	Calm 9		10	13.5
9..	56.96	56.13	25.5	31.7	96	68	SE 2	SE 2	6	5	10.9
10..	58.06	56.26	24.4	29.5	94	73	E 1	E 2	7	4	18.3
11..	57.26	56.29	24	28.1	97	82	ENE 1	W 2	8	9	35.8
12..	57.69	57.16	22.9	29.3	96	74	Calm	NE 2	8	6	.....
13..	58.10	57.08	22.5	30	96	69	Calm	NE 2	3	4	.....
14..	58.20	57.90	22.1	29.6	96	70	Calm	NNE 2	3	4	1.8
15..	58.36	57.01	23.4	30.1	96	69	Calm	N 3	5	5	1.8
16..	57.15	56.12	25.8	30.2	88	65	NNE 1	NE 3	7	5	.8
17..	57.35	56.47	22.5	30.5	96	69	Calm	ENE 2	6	8	.5
18..	58.26	57.25	25.4	29.9	88	69	NE 2	NE 3	6	7	.5
19..	58.51	57.43	26.2	29.9	86	70	ENE 2	ENE 3	7	4	.....
20..	58.31	57.07	26.4	30	79	74	ENE 3	ENE 3	4	7	.....
21..	58.62	56.90	24.5	30.1	89	68	Calm	ENE 3	5	5	2
22..	57.96	56.95	26	29.6	86	72	ENE 2	ENE 3	7	6	2
23..	57.10	56.52	26.4	28	83	79	NE 2	NE 1	9	9	14.5
24..	57.38	56.38	24	25.3	95	91	Calm	Calm	9	10	34.5
25..	56.75	55.28	23.3	29.7	97	72	Calm	ENE 3	9	3	2
26..	55.78	54.86	23.5	29	96	74	Calm	NE 2	9	4	9.7
27..	56.04	55.24	24.7	25.2	92	94	NE 3	NE 2	9	10	143
28..	56.34	55.56	24.7	27.1	92	84	NE 3	ENE 3	9	9	26.9
29..	57.07	56.23	24	29	94	79	NE 2	W 1	10	9	8.9
30..	57.09	56.14	24.5	29.5	89	77	Calm	SW 2	9	7	.5
31..	57.78	57.24	25.9	27.5	90	77	W 2	NNE 2	9	10	9.4
Mean	57.68	56.62	24.6	29	91.1	75.3	1.3	2.2	7.2	7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	423.7

BORONGAN.

[$\phi = 11°\ 37'$ N; $\lambda = 125°\ 26'$ E; barometer above sea, 10 meters; gravity correction not applied, —1.81 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.28	57.94	21.6	29.5	99	77	Calm	SE 2	8	5	8.6
2..	59.01	57.72	23.9	29.5	97	79	Calm	E 3	5	5	.....
3..	59.50	58.48	22.8	29	99	78	Calm	NE 3	5	5	13.5
4..	60.57	60.52	25.8	28	88	75	NE 3	NE 3	10	5	38.3
5..	63.17	62.89	26	25.8	75	73	NE 4	NE 4	10	6	5
6..	63.53	62.41	25	26.8	76	70	NE 4	NE 4	10	10	.....
7..	61.97	61.18	26.1	28.8	77	68	NE 3	NE 3	8	7	7.6
8..	62.50	62.07	21.8	27.8	97	76	NE 1	NE 3	10	8	1.3
9..	63.43	61.99	23.8	27.6	93	76	Calm	NE 4	8	9	18
10..	62.83	61.87	26.1	27.6	82	84	NE 4	NE 4	9	10	38.6
11..	62.33	60.85	25.1	26.1	91	82	NE 4	NE 4	10	10	52.4
12..	61.48	60.03	25.5	28.5	88	85	NE 3	NE 4	5	9	11.7
13..	60.45	59.66	22.6	28.9	99	76	Calm	NE 2	10	6	48.5
14..	61.17	59.15	23.9	28.3	97	85	ENE 3	ENE 3	10	6	17.8
15..	59.98	58.57	24.1	28.7	96	76	Calm	NE 3	10	6	3.6
16..	59.21	58.39	24	26.4	97	90	Calm	NNE 2	10	10	41.1
17..	59.25	58.24	24.2	25.7	98	94	Calm	Calm	10	10	77
18..	59.45	56.88	23.6	27.9	99	82	Calm	NE 3	10	10	70.4
19..	58.19	57.14	23.3	24.6	98	92	N 2	Calm	10	10	137.1
20..	58.31	57.06	24.2	28.5	98	79	Calm	SE 3	10	5	8.1
21..	58.20	57.38	22.6	28.6	99	76	Calm	SE 2	10	9	.....
22..	58.41	57.15	23	27.3	99	84	Calm	SE 2	7	5	9.1
23..	58.90	57.58	21.6	29.2	99	74	Calm	ENE 3	5	5	18.5
24..	58.81	58.14	24	24.9	98	96	ENE 3	NE 4	9	10	63.7
25..	59.17	58.54	25.7?	29.1	78?	70	E 3	ESE 3	9	5	3.6
26..	59.98	58.63	23.2	28	97	79	Calm	NE 3	10	7	9.4
27..	59.95	58.65	22.7	27.4	98	78	Calm	NE 3	8	10	68.3
28..	59.63	57.99	21.8	27.1	96	86	Calm	E 3	10	10	15
29..	59.35	58.70	23.5	28.4	99	75	Calm	NE 3	10	10	.....
30..	59.95	58.43	21.9	29.4	99	74	Calm	NE 3	5	5	.....
31..	59.60	57.84	21.7	27	98	80	Calm	NE 3	8	10	1.5
Mean	60.24	59.10	23.7	27.8	93.7	79.6	1.2	2.9	8.7	7.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	787.7

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.33	58.08	22.7	26.9	98	80	Calm	ESE 3	10	10	55.6
2..	58.77	57.78	25.9	28.4	80	73	NE 3	ENE 3	10	5	15.7
3..	59.50	59.18	25	26.9	88	77	ENE 4	ENE 3	10	10	1.6
4..	60.72	60.37	25.6	27.6	75	73	ENE 3	ENE 3	7	9	.....
5..	61.58	61.01	25.9	29	78	70	ENE 3	ENE 3	6	5	.....
6..	62.26	61.88	26.1	27	82	86	E 3	E 3	6	8	12.2
7..	62.03	61.09	25.1	26.1	83	79	E 4	E 2	10	10	8.4
8..	61.63	60.43	23	28	97	73	Calm	E 3	6	7	4.3
9..	61.33	59.79	23	28	99	75	Calm	E 2	10	5	.6
10..	61.30	60.32	22.5	23.9	96	96	Calm	NNW 2	10	10	93.8
11..	60.69	59.34	25.3	28	84	77	E 3	E 3	7	6	8.4
12..	61.05	59.97	22.3	28.1	97	82	Calm	E 2	10	8	12.7
13..	60.94	59.63	23.5	28.4	98	82	Calm	ENE 3	10	10	52.6
14..	60.80	60.02	24.9	26.9	92	83	NNE 4	NE 4	10	7	12.5
15..	61.42	60.01	26.1	27	82	84	ENE 4	ENE 3	6	10	13.2
16..	60.79	59.47	25.2	27.2	90	81	ENE 3	ENE 2	7	9	12.2
17..	59.96	58.66	23.1	27.4	99	81	Calm	ENE 3	10	10	15.5
18..	59.22	57.74	22.6	26.5	97	81	Calm	Calm	10	10	.8
19..	58.45	57.15	22	28.3	99	75	Calm	ESE 2	8	5	2.8
20..	58.65	58.41	21.6	27.3	99	81	Calm	Calm	5	7	73.9
21..	60.65	59.67	22	24.8	97	92	Calm	Calm	10	10	167.6
22..	61.02	59.94	22.8	25.4	97	84	N 3	N 3	10	10	24.9
23..	59.98	58.56	23.9	25.9	96	88	NE 1	NE 3	10	10	30.7
24..	58.95	57.96	25	28.4	94	76	NE 1	ENE 3	10	7	4.1
25..	59.06	57.84	21.3	28.9	99	76	Calm	E 3	8	5	20.3
26..	58.82	57.45	22.6	27.2	98	87	Calm	NE 3	5	8	2.1
27..	58.19	57.53	23.5	24.5	98	92	Calm	ENE 3	9	10	4.4
28..	57.55	56.96	26	29.4	88	80	Calm	ENE 3	6	6	3.3
29..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	60.17	59.15	23.9	27.2	92.1	80.9	1.4	2.5	8.4	8.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	654.2

MARCH.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.64	57.60	24	26.4	97	86	Calm	Calm	6	10	43.2
2..	58.65	57.03	24.4	28.4	88	82	NE 3	NE 3	10	6	7.2
3..	58.19	57.13	26.4	28.5	89	83	ENE 3	E 1	5	9	5.8
4..	57.55	56.28	23.3	25.6	98	93	Calm	Calm	8	10	85.6
5..	59.72	57.22	22.6	28.4	99	77	Calm	ESE 2	10	10	5.6
6..	59.12	57.88	23	29	98	74	Calm	NE 3	6	10	7.4
7..	58.90	58.42	23.9	29.3	97	70	Calm	NE 3	9	5	3.8
8..	58.09	57.33	25.5	29.4	89	72	NE 1	NE 3	5	5	3.1
9..	57.78	57.23	25.8	29.3	89	76	NE 2	ENE 3	10	5	4.6
10..	59.29	57.93	23.5	29.1	98	76	Calm	ENE 3	9	10	.....
11..	58.69	57.76	24.5	29.1	90	75	ENE 3	E 3	5	8	10.2
12..	58.26	57.68	26.4	29.3	75	72	ENE 3	ENE 3	10	9	3.6
13..	58	57.73	23.7	29.6	98	70	Calm	E 2	10	9	20.6
14..	58.93	58.95	26.2	26.5	82	88	E 3	ENE 2	10	10	24.7
15..	61.08	59.61	22.5	29.4	96	74	ENE 2	N 3	10	8	17.8
16..	60.50	58.82	23.3	29.4	97	78	Calm	NE 3	6	7	9.2
17..	60.09	58.91	23.4	28.9	98	77	NE 3	NE 3	5	5	5.5
18..	60	59.13	23.6	28	98	77	Calm	E 2	5	5	7.3
19..	59.93	58.81	23	29.9	99	74	Calm	E 3	6	5	2.5
20..	59.89	58.98	23.5	27.5	99	84	Calm	NE 2	6	10	22.1
21..	59.98	59.98	23	25.6	98	92	Calm	Calm	10	10	9.9
22..	60.97	60.13	22.6	29.5	99	72	Calm	NE 3	8	5	28.2
23..	60.09	59.71	23.5	29.5	97	68	Calm	NE 3	8	5	1.8
24..	59.79	59.13	22.9	29.5	97	68	Calm	NE 3	6	5	.8
25..	60.17	59.48	21.9	27.9	98	78	Calm	ENE 3	7	8	31.7
26..	59.97	58.92	26.1?	29	79?	69	ENE 3	ENE 3	5	5	26.9
27..	60.37	59.87	25.7	29	82	74	ENE 3	ENE 3	6	5	2.6
28..	61.30	60.55	21.9	30	99	71	Calm	NE 3	6	8	21.1
29..	60.97	60.16	26.5?	30.1	87?	72	NE 3	NE 3	6	5	3
30..	60.70	58.93	22.1	29.6	99	72	Calm	ENE 3	7	5	.....
31..	60.09	58.97	22.4	30.2	98	71	Calm	ENE 3	5	5	2
Mean	59.54	58.59	23.9	28.7	93.8	76.3	1	2.5	7.3	7.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	417.8

APRIL.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	60.54	58.78	23.1	29.8	98	74	Calm	ENE 2	10	5	7.1
2..	59.36	58.21	23.5	29.8	99	73	Calm	ENE 3	5	5	3.8
3..	59.25	58.53	23.9	30.1	97	61	Calm	ENE 3	9	5	.....
4..	59.42	58.52	21.5	29.1	99	78	Calm	NE 3	5	5	14.5
5..	59.93	58.65	23.7	27.8	98	82	Calm	E 3	10	10	7.9
6..	58.66	58.32	23.2	28.2	98	82	Calm	E 2	7	10	3.9
7..	58.95	57.13	23.7	30.2	98	74	Calm	E 3	6	4	15.2
8..	58.55	57.26	24	28.1	97	78	Calm	NE 3	8	10	6.7
9..	58.42	57.92	23.5	28.9	98	74	Calm	ENE 3	9	5	9.4
10..	59.10	57.95	24.2	29.6	98	76	Calm	ENE 3	8	5	12.4
11..	58.26	57.02	24	28.7	98	76	Calm	ENE 3	7	5	.8
12..	57.91	56.81	22.9	29.9	97	71	Calm	ENE 3	9	5	5.6
13..	58.37	58.06	23.2	30.7	99	72	Calm	E 3	7	5	1
14..	59.27	58.01	22.5	30	99	71	Calm	E 3	5	5	2.3
15..	59.48	57.21	23.1	30.3	99	72	Calm	E 3	9	8	.....
16..	58.56	56.86	22.6	30	99	74	Calm	E 3	5	5	.....
17..	58.62	57.46	22.8	30.6	98	68	Calm	E 3	5	5	....
18..	59.01	57.75	23.2	30.4	98	69	Calm	ESE 3	5	5	.....
19..	59.07	57.65	22.6	30.5	99	69	Calm	ESE 3	8	5	.....
20..	58.85	57.56	23.6	30.8	99	67	Calm	ESE 3	7	5	.5
21..	57.91	57.15	22.9	26.5	97	88	Calm	ESE 2	9	7	26.7
22..	58.12	57.56	23	30.5	98	68	Calm	SE 2	8	5	.....
23..	57.57	57.11	22.7	30.6	98	69	Calm	SE 2	8	5	.....
24..	58.39	57.40	23.6	30.6	97	74	Calm	SE 3	2	5	.....
25..	58.60	57.68	23.5	30.8	99	70	Calm	SE 2	5	5	.....
26..	57.91	57.07	23.5	30	99	78	Calm	ENE 3	5	9	.5
27..	57.79	56.65	23.9	30.5	98	74	W 1	ENE 3	7	10	.....
28..	57.80	56.66	24	29.9	98	78	Calm	ESE 3	5	9	.....
29..	57.80	56.33	23.7	30.6	98	72	Calm	ESE 3	4	3	.....
30..	57.30	56.36	24	31.1	97	71	Calm	E 3	9	3	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.63	57.52	23.3	29.8	98.1	73.4	0	2.8	6.9	5.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	118.3

BORONGAN.

[$\phi = 11°\ 37'$ N; $\lambda = 125°\ 26'$ E; barometer above sea, 10 meters; gravity correction not applied, —1.81 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.07	57.21	23.4	30.5	97	71	Calm	E 3	5	5	0.3
2..	57.84	57.80	25	25.7	98	94	Calm	WSW 1	7	10	7.4
3..	58.02	56.43	23.2	30.5	98	71	Calm	ESE 3	10	6	.....
4..	58.02	56.85	23	30.3	98	71	Calm	ESE 3	5	5	.....
5..	58.92	57.90	23	30.6	97	71	Calm	E 3	5	6	.....
6..	58.84	57.35	23.5	30.6	99	71	Calm	E 3	7	7	.....
7..	58.57	57.03	23.8	31	97	64	Calm	E 3	7	6	.....
8..	58.57	57.67	23.7	31.4	98	67	Calm	SE 3	8	5	.....
9..	59.20	57.70	24.6	29.3	97	79	Calm	SW 2	5	7	.....
10..	59.11	57.23	24.9	31	97	67	Calm	SSE 3	6	5	.....
11..	58.04	56.57	24.1	31.7	98	66	Calm	SSE 3	7	8	.....
12..	58.58	57.31	24.4	31.5	96	71	Calm	E 3	5	5	.....
13..	59.84	58.45	23.9	31.2	96	68	Calm	E 3	5	5	.....
14..	60.24	58.78	23.9	31.9	97	69	Calm	E 3	5	5	.....
15..	60.80	59.32	23.4	31.4	98	68	Calm	E 3	5	5	.....
16..	60.34	58.70	23	30.7	97	63	Calm	E 3	5	5	.....
17..	59.86	58.94	23.4	30	96	68	Calm	E 3	5	10	.....
18..	60.80	59.21	24.2	29.4	97	78	Calm	ENE 3	7	10	29
19..	59.53	58.13	24.3	27	97	87	Calm	Calm	5	10	12.2
20..	57.74	57.64	24.4	27.2	98	90	Calm	Calm	7	10	11.2
21..	57.97	58.49	23.4	25	98	89	Calm	ENE 3	7	10	25.9
22..	58.62	58.83	23.1	26.7	99	83	Calm	NE 2	10	10	4.3
23..	59.60	58.64	22.5	29.2	99	76	Calm	NE 3	6	5	.....
24..	59.27	58.15	22.7	30.3	98	72	Calm	NE 3	6	6	.....
25..	58.77	57.57	23.5	30.9	97	72	Calm	ENE 3	5	5	4.6
26..	59.10	57.57	23.9	31	97	72	Calm	E 3	5	5	6.1
27..	59.67	58.75	23.9	30	98	73	Calm	ENE 3	7	10	1.5
28..	58.65	57.31	24	30.4	98	67	Calm	ENE 3	9	7	.....
29..	58.60	56.73	24	30.2	97	74	Calm	ENE 3	9	9	3.8
30..	58.70	57.32	24.7	30.1	97	78	Calm	E 3	8	7	.....
31..	59.20	57.91	23.5	28.6	98	81	Calm	Calm	5	8	12.7
Mean	59	57.85	23.8	29.8	97.5	73.9	0	2.6	6.4	7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	119

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.59	58.28	25	30	98	74	Calm	SE 3	10	10	7.6
2..	58.90	57.33	24.8	30.5	98	72	Calm	ESE 3	5	5	14.8
3..	58.05	56.95	23.6	30.5	99	68	Calm	NE 3	5	6	12.4
4..	58.05	57.33	24	29.7	99	77	Calm	ESE 3	8	5	11.1
5..	58.51	57.98	25	30.4	98	78	Calm	ENE 3	6	6	39.6
6..	59.59	58.55	23.9	30	97	77	Calm	ESE 3	6	10	.....
7..	59.06	58.12	24.3	30.5	97	76	Calm	E 3	5	7	59.9
8..	59.41	58.51	23.6	30.4	93	72	SE 2	E 3	10	9	4.6
9..	59.77	58.58	23.5	29.6	98	73	Calm	E 3	10	8	.5
10..	59.65	57.93	23.5	28.4	99	78	Calm	E 1	5	9	31.5
11..	60.08	57.78	23.5	29.8	97	75	WSW 2	ENE 3	10	8	9.9
12..	58.30	57.06	24.2	29.6	97	76	Calm	ENE 3	9	7	50.8
13..	58.72	57.67	23.5	27.6	98	84	Calm	SE 2	10	6	37.8
14..	59.51	57.90	22.8	27.3	98	82	WSW 2	Calm	10	10	9.9
15..	59.27	58.08	23	30.2	99	76	WSW 1	E 3	8	6	9.4
16..	59	57 47	24	30.1	99	73	Calm	E 3	7	5	.....
17..	58.20	56.75	23.4	30.4	97	72	Calm	ESE 3	4	5	1.8
18..	57.71	57.76	24.4	27.9	97	74	Calm	SSW 3	10	10	11.7
19..	59.58	58.71	22.6	31	99	69	Calm	SSW 1	7	10	.5
20..	60 12	58.96	23.3	30.8	97	72	Calm	ESE 3	4	4	.....
21..	59.46	58.84	23.7	28	97	88	Calm	Calm	5	9	4.3
22..	58.60	56.86	23.5	30	99	75	Calm	ENE 3	8	5	.....
23..	58.12	56.25	22.9	30.1	97	71	Calm	E 2	8	8	.....
24..	58.02	57.28	23.5	30.1	98	74	Calm	E 2	9	5	1.6
25..	57.60	55.74	23.5	28.8	98	80	Calm	ENE 3	10	10	31.5
26..	57.22	55.66	22.2	31.1	99	64	Calm	WSW 3	10	6	.3
27..	58.85	57.66	23.3	30.1	97	74	Calm	SE 3	10	10	.....
28..	59.80	58.76	23.4	29.8	97	75	Calm	E 3	5	7	.....
29..	60.14	58.52	23.6	30.5	98	71	Calm	E 3	5	10	11.4
30..	58.50	56.86	23.4	30.3	98	74	Calm	NE 3	9	5	6.4
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.91	57.67	23.6	29.8	97.7	74.8	0.2	2.6	7.6	7.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	369.3

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.69	56.89	22.6	28.3	99	85	Calm	SSW 2	5	8	8.6
2..	58.11	57.11	23.8	29.2	97	76	Calm	W 3	8	10	8.1
3..	57.55	55.80	23.2	32.3	98	64	Calm	WSW 2	7	8	7.6
4..	56.83	55.31	24.1	29.9	99	73	Calm	WSW 1	10	10	.....
5..	56.10	55.25	24.7	32.2	94	66	Calm	WSW 1	10	10	.....
6..	56.37	55.36	23.9	31.9	97	65	Calm	W 2	10	10	.....
7..	57.36	56.34	24.1	25.9	98	88	Calm	NE 3	10	10	9.9
8..	57.25	56 62	22.8	26.6	98	92	Calm	W 2	5	10	9.2
9..	56.80	55.08	22.5	31	99	76	Calm	W 3	10	6	11.2
10..	56.40	55.36	24	28.6	98	80	Calm	SSW 1	5	9	23.4
11..	56.67	55.51	24.4	30.8	97	64	Calm	SSW 2	10	10	.5
12..	56.79	55.45	24	30.9	99	79	Calm	S 3	10	10	1.8
13..	57.52	56.14	23.4	27.1	98	83	Calm	S 1	10	10	.3
14..	56.65	55.32	23.2	30.5	98	72	Calm	ENE 3	5	6	20.3
15..	56.76	54.77	23.6	26.6	98	93	Calm	WNW 3	10	10	33
16..	55.94	55.71	23.9	28.9	96	71	S 1	S 3	10	10	17.7
17..	57.22	55.91	23.1	30.1	98	69	Calm	SSW 2	10	10	.....
18..	57.32	56.16	23.6	27.8	99	86	Calm	SW 2	7	9	18.3
19..	57.66	57.34	23.7	27.3	98	78	Calm	NW 3	10	10	4.9
20..	59.20	58.06	22.5	29.5	97	75	Calm	E 3	10	6	.....
21..	58.02	57.48	23.4	29.1	97	73	Calm	NE 2	8	9	8.6
22..	59.70	58.06	23.7	28.7	98	85	Calm	E 3	10	8	2.5
23..	59.75	58.61	23.4	30.1	97	75	Calm	E 3	5	6	7.9
24..	59.30	57.60	24	30.5	99	72	Calm	W 3	10	10	.5
25..	58.44	57.06	24.1	30.5	94	71	Calm	W 2	10	10	.....
26..	57.66	56.34	23.5	30.9	97	72	Calm	W 2	5	8	.3
27..	56.60	55.21	24.9	32.1	90	61	Calm	SW 3	5	10	.....
28..	56.68	55.44	24.9	32.5	88	62	Calm	SW 3	10	8	.....
29..	57.05	55.96	24.1	31.5	97	70	Calm	E 3	6	10	.....
30..	57.79	56.63	24.2	32.1	96	69	Calm	SW 3	5	10	4.6
31..	58.20	56.52	24	32.2	96	64	Calm	WSW 3	10	10	.....
Mean	57.46	56.27	23.7	29.9	96.9	74.5	0	2.4	8.3	9.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	199.2

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.51	57.20	23.4	31.5	97	69	Calm	ESE 3	10	5	6.6
2..	58.25	56.78	23.4	30	98	75	Calm	ESE 3	5	8	10.7
3..	57.65	57.69	23.6	23.6	99	97	Calm	Calm	10	10	55.4
4..	58.29	57.60	23.4	27.9	97	79	Calm	Calm	10	10	.3
5..	59.14	57.83	22.6	30	98	69	Calm	ESE 2	7	5	.....
6..	59.12	57.61	23.1	29.6	98	78	Calm	ESE 3	9	6	.3
7..	57.60	57.10	22	25	99	92	Calm	Calm	5	10	2.6
8..	56.90	55.76	21.5	29.5	99	73	Calm	E 3	6	10	1.8
9..	57.76	56.26	23.4	29.2	98	76	Calm	SSE 3	9	6	2.5
10..	57.69	58	22.7	23.4	98	100	Calm	WSW 3	5	10	74.2
11..	57.82	57.41	22.5	30.8	99	65	Calm	SSE 3	10	10	.....
12..	58.47	57.15	23.5	29.8	98	76	Calm	SSE 3	5	8	1.3
13..	59.06	56.65	23.4	31.4	99	72	Calm	E 3	5	3	5.8
14..	57.56	55.64	23.4	31.6	97	68	Calm	E 3	5	3	.....
15..	56.30	55.05	23.3	28.5	97	81	Calm	N 4	5	10	1.3
16..	54.67	53.10	26.4	32.2	85	59	WSW 3	SW 3	10	10	.....
17..	54.11	53.77	25.8	30.1	85	71	SW 2	SSW 3	10	8	1.8
18..	56.25	55.64	23.5	31	97	64	Calm	S 3	10	10	.....
19..	57.49	56.97	23.8	31.8	98	59	Calm	S 3	9	9	.....
20..	58.19	57.45	23.4	31.2	97	71	Calm	SSE 3	10	9	.....
21..	59.67	58.60	23.5	30.6	98	77	Calm	SSE 3	5	2	.....
22..	60.04	58.20	23.1	31.2	98	68	Calm	ESE 3	3	3	.....
23..	59.02	59.44	22.6	25	99	91	Calm	Calm	5	10	.....
24..	60.25	59	22.5	30	98	73	Calm	ESE 3	3	5	8.1
25..	60.14	59	23.5	27.8	98	81	Calm	WSW 2	5	7	5.6
26..	58.86	57.06	23.1	31.1	98	67	Calm	ESE 3	9	8	.....
27..	58.31	56.80	23.2	31	98	66	Calm	E 3	6	3	.....
28..	58.99	57.48	23.3	31	98	70	Calm	NE 3	7	7	.....
29..	57.76	56.38	23.3	29.8	97	73	Calm	N 2	5	9	1
30..	56.08	55.07	23	31.5	97	65	Calm	ESE 3	5	5	.....
31..	55.82	55.42	22.9	26	97	87	Calm	S 3	5	10	2.8
Mean	57.93	56.87	23.3	29.5	97.1	74.6	0.2	2.5	6.9	7.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	182.1

BORONGAN.

[ϕ=11° 37′ N; λ=125° 26′ E; barometer above sea, 10 meters; gravity correction not applied, —1.81 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.30	55.92	24	28.6	97	75	Calm	S 2	10	10	.....
2	58.10	56.66	23.5	30	96	69	Calm	S 2	10	10	.....
3	57.87	56.41	23	29.4	96	74	Calm	S 3	9	10	4.3
4	56.40	55.67	23.5	27.4	99	83	Calm	Calm	10	10	1.3
5	56.10	55.33	25.5	31.2	81	65	SW 3	SW 3	10	10	.....
6	57.75	57.11	25	29.8	88	77	Calm	Calm	7	10	1.5
7	58.20	56.10	23.4	30.7	97	71	Calm	ESE 3	10	10	4.8
8	57.14	56.22	23.3	26.9	98	86	Calm	SSW 2	10	10	.8
9	57.29	55.83	23.7	30.7	98	67	Calm	SSW 3	10	10	.....
10	57.85	57.28	23.6	25.5	98	93	Calm	Calm	10	10	25.4
11	58.47	56.81	23.2	30.3	98	75	Calm	ESE 3	9	7	.....
12	58.80	57.86	24.9	30.6	97	72	Calm	ESE 3	5	9	2.5
13	59.22	58.25	24	27.5	97	83	Calm	SE 3	9	10	4.1
14	59.37	58.38	22.7	28.9	98	71	Calm	ESE 3	6	10	.....
15	59.88	57.96	22.5	29.6	98	70	Calm	E 3	2	8	.....
16	58.35	56.68	23.5	30.7	97	68	Calm	E 3	5	5	.....
17	57.87	56.46	24	30.7	97	71	Calm	E 3	3	5	.....
18	59.02	58.06	23.7	30.2	98	69	Calm	ENE 3	5	9	2
19	59.52	57.15	23	29.9	98	72	Calm	E 3	10	9	7.1
20	59.04	57.21	23.6	28.9	98	76	Calm	E 3	10	10	2.8
21	59.11	58.20	23.6	28	99	82	Calm	Calm	10	10	8.9
22	59.37	57.91	23.4	29.4	97	70	Calm	SE 2	10	10	9.4
23	59.42	56.86	22.5	28.7	99	77	Calm	SE 3	10	9	3.8
24	58.84	56.43	23	27	97	91	Calm	WNW 1	10	10	5.6
25	57.09	55.27	23.2	29.5	98	79	Calm	NNE 3	10	10	19.6
26	56.82	56.07	23.2	26	99	94	Calm	Calm	10	10	14.3
27	57.85	56.11	23	28.4	97	80	Calm	SW 1	6	10	.....
28	57.01	56.13	24.9	28.6	96	80	Calm	W 3	10	10	1.3
29	58.39	57.11	23.8	28.8	97	79	Calm	Calm	10	10	.....
30	58.36	57.23	23.9	28.7	97	77	Calm	SW 3	10	10	18.5
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.19	56.82	23.6	29	96.7	76.5	0.1	2.1	8.5	9.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	138

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.12	57.96	22.6	25.2	99	90	Calm	W 1	5	10	2
2	58.82	57.06	23.1	28.5	99	80	Calm	SE 1	10	8	.....
3	58.16	56.52	22.6	26.6	98	86	Calm	WSW 2	10	10	.....
4	56.89	54.92	24	29.1	96	73	Calm	WSW 3	10	10	14
5	55.37	53.76	24.5	24.4	92	91	WSW 1	SW 1	10	10	24.4
6	54.17	52.82	24.5	26.6	92	83	SSW 3	SSW 3	10	10	6.1
7	54.27	53.74	24.5	27.4	89	78	S 2	S 3	10	10	.3
8	56.20	55.40	23	31	96	64	Calm	S 3	10	8	.....
9	57.95	56.55	23.8	31.2	97	64	Calm	S 3	10	10	9.7
10	58.41	56.79	23.4	31.7	97	60	Calm	S 3	10	6	.....
11	59.17	57.53	24.1	31	97	69	Calm	NE 3	5	9	12.7
12	59.31	58.01	24	29.9	97	72	Calm	E 3	5	6	9.6
13	60.78	59.15	23.6	29	99	81	Calm	ESE 2	10	10	9.9
14	60.19	58.43	22.8	28.6	98	77	Calm	E 3	10	6	.....
15	59.50	57.88	22.7	30.2	98	68	Calm	ENE 3	5	5	17.5
16	58.72	56.58	22.9	30.2	98	73	Calm	NE 3	6	5	15.5
17	56.74	55.19	24	28.8	98	78	Calm	NE 3	7	7	6.6
18	56.60	55.33	23.6	28.5	99	81	N 1	NE 1	10	10	4.9
19	57.62	55.68	24.4	29.5	97	80	Calm	E 3	10	10	19
20	57.66	56.51	23.4	29.6	97	73	Calm	ESE 3	6	6	4.3
21	58.31	56.40	23.4	29.9	98	75	Calm	ESE 3	9	9	5.8
22	58.44	57.38	23.6	26.4	99	89	Calm	Calm	10	10	11.7
23	58.96	57.42	23.2	29.1	99	79	Calm	ENE 3	10	10	6.4
24	59.21	57.24	23.6	27.8	99	82	Calm	NE 2	5	10	12.7
25	58.60	56.41	24.4	30.1	97	74	Calm	E 3	8	5	2.3
26	58.31	56.40	23.4	29.9	98	75	Calm	E 3	5	5	3.8
27	57.39	55.73	23.3	30	97	71	Calm	NE 3	5	6	.....
28	58.46	57.51	22.9	30	97	71	Calm	NE 3	5	5	6.4
29	59.06	57.94	23.2	26.5	98	92	Calm	Calm	10	10	68.8
30	58.67	57.69	22.6	28.2	99	82	Calm	NNE 2	10	10	9.7
31	57.37	56.28	24.5	27.7	97	81	Calm	NE 3	8	10	22.8
Mean	57.99	56.51	23.5	28.8	97.1	77.2	0.2	2.4	8.2	8.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	306.9

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	56.97	55.76	23.4	28.4	99	80	Calm	NE 3	10	9	30.3
2	57.35	57.34	27.1?	24.6	83?	89	ENE 4	E 3	10	10	43.5
3	58.21	57.08	24.6	26.5	98	90	Calm	ENE 3	10	10	51.8
4	58.81	58	23.6	28.5	98	81	Calm	E 3	10	10	21.1
5	59.03	58.24	25.6	23.6	91	98	NE 3	Calm	10	10	63.3
6	59.60	58.76	23.9	25.6	97	93	ESE 2	N 1	10	10	38.4
7	59.57	58.75	23.7	24.1	98	97	Calm	N 3	10	10	38.9
8	59.17	57.54	23.5	30	99	74	Calm	NE 3	8	6	4.5
9	56.20	54.78	23.7	28.4	98	75	NW 1	S 3	10	10	29
10	57.61	56.78	23.5	29.3	99	79	Calm	ESE 2	5	7	4.6
11	57.52	56.63	22.8	29.7	97	78	Calm	N 3	5	5	.....
12	58.09	56.94	22.8	26	97	92	Calm	Calm	5	8	3
13	58.17	56.95	22.9	27.5	97	87	Calm	NW 1	9	10	27
14	54.52	55.21	24	27.4	97	89	W 2	N 2	10	10	92.4
15	57.35	55.66	24	30	97	75	Calm	NE 3	10	8	31.7
16	57.51	56.72	24.1	25	99	95	Calm	Calm	10	10	29.5
17	58.02	56.69	23.3	27.3	97	87	Calm	E 2	10	10	.....
18	58.12	56.42	22.6	28.6	99	75	Calm	ESE 2	6	6	3
19	58.19	56.64	22.6	28.9	99	78	Calm	ESE 3	7	5	.5
20	59	57.16	22.5	29	97	77	Calm	ESE 3	5	6	.....
21	59.59	58.08	23.5	30.5	98	70	Calm	N 3	5	6	83.8
22	59.24	57.71	23	28.4	99	75	Calm	NE 3	10	10	21.8
23	58.65	56.98	23.4	26.3	98	88	Calm	Calm	10	10	6.8
24	57.54	56.41	23.2	25	98	96	Calm	NE 3	10	10	76.7
25	58.30	57.41	23.5	26.5	100	88	Calm	ESE 1	10	10	11.4
26	58.93	57.36	22.4	28	98	81	Calm	ESE 3	10	10	8.9
27	58.86	57.78	22.6	27.4	99	83	Calm	E 2	10	8	.....
28	59.50	58.79	22.6	29.6	99	74	Calm	E 3	7	5	.....
29	60.14	59.66	22.5	29.4	99	76	Calm	NE 3	7	8	8.1
30	60.32	59.37	24.1	30	98	67	Calm	NE 3	9	7	1.3
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.34	57.25	23.5	27.6	97.4	82.9	0.4	2.2	8.6	8.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	731.3

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.01	58.62	21.6	29.3	99	75	Calm	NE 3	5	8	2.5
2	59.96	58.57	22.8	28.9	97	78	Calm	N 3	10	10	3.8
3	59.66	59.31	23.1	29.5	99	75	Calm	ENE 2	7	5	3.8
4	60.19	58.77	27	27.6	73	87	ENE 4	NE 3	5	5	18.6
5	59.57	57.89	26.7	28.5	83	83	NNE 3	NNE 3	6	8	7.9
6	57.55	55.81	23.9	29	97	80	Calm	NNE 3	6	9	35
7	56.67	54.69	23.5	27.4	97	81	Calm	NNE 2	10	10	23.4
8	55.50	55.10	24.9	24.2	96	95	Calm	Calm	10	10	40.2
9	57.30	56.26	23	30.1	99	75	Calm	ESE 3	9	5	.....
10	58.42	56.40	23	30	97	74	Calm	ESE 3	6	5	21.6
11	57.34	56.44	22.6	26.4	99	87	Calm	N 3	8	10	11
12	57.67	57.51	23	29.4	97	72	Calm	ENE 3	10	5	.....
13	58.42	57.41	22.1	30.1	99	69	Calm	ENE 3	5	5	.....
14	58.27	58.10	21.7	29.5	99	72	Calm	E 3	6	5	.....
15	58.72	57.31	21.9	30.1	98	74	Calm	NE 3	8	5	8.1
16	57.40	56.32	23.4	29.4	98	72	Calm	NE 3	9	8	2.8
17	57.67	56.71	22.1	30.2	99	73	Calm	ENE 3	6	5	.....
18	58.37	57.65	22.1	29.9	99	71	Calm	NE 3	5	8	2.5
19	58.99	58.01	23.7	29	98	76	Calm	NE 3	10	9	18.3
20	58.67	57.54	27.2	27.5	75	84	ENE 4	ENE 3	5	9	5.3
21	59.02	57.16	23.3	29.8	97	71	Calm	ENE 3	6	5	1.3
22	58.45	57.16	23.4	28.8	98	78	Calm	NE 3	6	6	4.3
23	57.42	56.98	23.2	27.6	98	87	Calm	NE 3	9	10	53.4
24	57.90	56.23	23.5	26.4	99	88	Calm	Calm	10	10	22.9
25	57.09	55.28	23	29.2	99	76	Calm	ESE 3	10	8	.....
26	55.95	54.98	23	28.4	99	80	Calm	NE 2	10	10	22.1
27	56.64	55.85	24.8	25	92	94	Calm	N 4	10	10	221.2
28	56.85	56.10	25	24.5	93	97	NNE 4	NNE 5	10	10	171.2
29	57.62	57.06	23.5	25	97	89	N 3	N 3	10	10	106.5
30	57.47	56.70	22.6	27	99	92	Calm	NW 2	10	10	5.5
31	58.12	57.35	23.1	26.4	99	87	Calm	E 2	10	10	7.4
Mean	58.03	56.94	23.5	28.2	95.7	80.4	0.6	2.7	8	7.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	820.6

CATBALOGAN.

[$\phi = 11°\ 47'$ N; $\lambda = 124°\ 51'$ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.68	57.39	23	30.2	91	71	E 2	SSW 2	6	6	.....
2..	58.71	57.61	22.5	28.7	98	69	NE 2	ENE 2	7	9	0.3
3..	59.31	58.32	23.3	28.9	96	78	E 2	NNE 2	7	7	27.1
4..	60.49	59.81	22.7	27.7	98	72	ENE 1	ENE 3	5	9	2.3
5..	62.91	62.22	24.3	27	78	73	NE 4	NE 5	10	8	.3
6..	63.46	62.04	23.5	28	75	68	NE 3	ENE 3	9	9	1
7..	61.72	60.76	23	28.3	87	62	ENE 1	NE 3	3	6	.....
8..	62.14	61.79	21.8	29	95	62	ENE 1	NE 2	9	6	1.8
9..	63.39	61.95	22.4	26	96	79	Calm	ENE 3	10	5	4.8
10..	62.89	61.52	23.6	26.7	90	76	ENE 1	ENE 4	5	8	8.4
11..	62.28	60.62	23.2	27.3	97	73	NE 1	ENE 3	10	10	37.1
12..	61.22	59.61	23.1	28.8	95	72	NE 2	NE 3	8	7	13.2
13..	60.49	59.35	22	30.4	97	61	ENE 1	NE 3	7	4	29.2
14..	59.88	58.73	24.5	27.2	88	83	NE 4	E 1	9	9	8.6
15..	59.98	58.26	20.6	28.9	99	78	Calm	W 2	3	8	4.3
16..	59.10	58.12	20.7	27.8	98	76	NE 1	NE 3	7	9	1.3
17..	59.23	58.22	22.5	25.5	98	88	ENE 1	NE 2	8	10	25.9
18..	59	56.36	23.5	27.8	97	76	W 1	NE 3	10	9	31.5
19..	57.64	56.80	22.6	24	98	96	NE 1	ESE 2	9	10	25.1
20..	57.95	56.86	23	26.8	96	88	E 1	ENE 2	6	9	3.3
21..	57.98	56.85	21.7	28.9	98	74	NE 1	W 2	3	5	.....
22..	58.21	56.46	22	29.1	97	74	ENE 1	W 3	5	5	3.6
23..	58.65	57.04	21.8	29.5	97	75	ENE 1	W 2	6	5	3.3
24..	58.70	57.68	23	25	97	88	NE 1	ENE 2	8	10	113.5
25..	59.18	57.96	22.5	30	97	68	NE 1	S 2	10	5	.3
26..	59.76	57.95	22.8	29.8	97	66	E 1	E 3	8	8	2
27..	59.71	57.96	24	28	89	69	E 2	ENE 3	10	9	13.5
28..	58.90	57.66	23.2	27	84	77	ENE 2	NE 2	10	9	3
29..	59	58.19	22.5	30.5	99	56	NE 1	ENE 2	9	8	.....
30..	59.72	57.86	21.4	28.4	97	72	ebyN 1	W 2	7	4	1.3
31..	59.09	57.40	21.5	28.6	97	71	ENE 1	W 2	9	6	.....
Mean	59.98	58.69	22.7	28.1	94.1	73.9	1.4	2.5	7.5	7.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	366

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.76	57.36	22.5	26.8	93	78	ENE 1	W 2	7	9	12.5
2..	58.60	57.08	23	29	96	61	NE 2	E 3	10	7	14
3..	59.43	58.62	23.3	27.4	92	71	E 1	ESE 4	10	9	.3
4..	60.32	59.70	23.5	28.5	84	68	SSE 2	E 3	7	8	1.3
5..	61.15	60.18	24	29	81	63	ESE 2	E 2	9	5	.....
6..	61.71	61.08	23.2	29	90	65	SE 1	ESE 4	5	8	7.1
7..	61.91	60.62	23	26.7	93	77	ESE 2	ENE 3	10	10	7.2
8..	61.38	60.15	21.6	25.5	98	92	NE 1	NNW 2	4	9	1.3
9..	60.89	59.72	21.6	24.5	99	89	NE 1	NE 2	8	9	14.5
10..	61.14	60.17	21.9	25.3	96	84	NNE 1	NNE 2	5	10	23.4
11..	60.58	59.51	21.6	24.2	98	91	ENE 1	SSE 2	7	10	9.7
12..	60.77	60.17	21.5	23.5	97	93	Calm	E 2	5	10	15.5
13..	60.88	59.69	21.8	27	97	78	NE 1	ENE 2	8	9	17.3
14..	60.51	59.44	24.5	27.2	87	83	ENE 2	ENE 2	10	8	11.2
15..	60.95	59.71	24.1	27.7	90	79	ESE 2	E 2	9	8	6.4
16..	60.58	59.16	23.2	25.1	95	86	ESE 1	E 2	7	9	2.3
17..	59.80	58.11	22	29.5	97	72	E 1	W 2	6	6	.3
18..	58.49	57.14	22.7	26.5	94	85	NE 1	SE 2	7	10	.3
19..	57.79	56 94	23.5	25.9	88	85	ENE 2	ESE 2	4	10	2.5
20..	58.58	58.17	21.6	29.2	97	70	ebyN 2	WNW 3	4	6	2.8
21..	60.48	59 77	22.7	24.1	97	86	NE 2	ENE 10	10	10	28.2
22..	60.37	59.69	22.8	26.2	97	84	NNE 1	ENE 1	10	10	16.2
23..	59.77	58 04	21.9	28.2	97	70	ENE 1	NE 2	7	9	21.6
24..	58.58	57.39	24	29.5	91	71	ENE 1	E 2	9	8	1.3
25..	58.67	57.47	21	26	97	87	ENE 1	E 1	4	9	2
26..	58.62	56.66	20.6	29.9	99	79	Calm	SE 1	2	4	.3
27..	58.03	56.66	22.4	29.5	96	81	NE 1	ebys 3	2	5	.8
28..	57.31	56.60	21.8	28.8	97	83	E 1	E 2	3	7	5.6
29..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.86	58.75	22.5	27.1	94	79	1.2	2.2	6.8	8.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	225.9

MARCH.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.29	57.28	22	24.6	98	92	Calm	SW 1	6	10	25.4
2..	58.33	56.32	22.7	31.2	98	71	NE 1	ENE 3	9	3	.....
3..	58.10	57.05	23.5	30.5	96	82	NE 1	SE 2	5	9	.....
4..	57.23	56.36	22.9	26.2	97	90	NE 1	E 1	7	10	31.5
5..	58.99	57.08	23.1	26.5	96	84	E 2	W 2	10	10	10
6..	58.87	57.17	21.1	31.8	99	60	NE 1	NE 2	2	3	.....
7..	58.59	57.58	23	30.4	96	55	Calm	NE 3	3	4	1.3
8..	57.87	56.31	24.2	31.7	90	53	E 1	NE 3	2	4	.....
9..	57.66	56.80	22.2	28.5	97	68	Calm	NE 2	5	4	3.8
10..	58.88	57.44	21.3	30.7	98	55	NE 1	E 3	9	9	.....
11..	58.19	57.03	24	31.6	83	55	ENE 2	E 3	3	5	1.8
12..	58.24	56.86	23.5	31.5	85	49	SE 3	NE 3	9	7	.3
13..	57.90	57.06	23.6	31.8	96	55	E 1	ENE 2	8	7	7.1
14..	58.98	58.28	22.6	29.1	98	57	ENE 1	ENE 3	9	10	10.7
15..	60.62	59.45	22.5	25.5	91	92	SE 1	ENE 2	10	9	13.7
16..	60.33	58.25	22	29.7	98	72	ENE 1	wbyN 2	4	9	.....
17..	59.88	58.34	23.2	27.7	96	63	E 1	E 3	4	7	2.1
18..	59.83	58.53	22.1	31.7	98	59	ENE 1	E 2	7	5	1.8
19..	59.68	58.09	22.4	31.5	96	53	E 1	ENE 3	1	3	.....
20..	59.78	59.14	22.2	28.3	97	75	ENE 1	ENE 2	4	9	1
21..	59.91	60.05	23	26.8	97	82	ENE 1	ENE 2	3	10	.8
22..	60.91	59.58	22	30	98	68	ENE 1	NW 2	4	6	.....
23..	60.06	58.98	23.3	30.7	95	58	NE 1	ENE 3	8	5	1.3
24..	59.64	58.27	21.1	31.2	97	55	ENE 1	E 3	1	3	.....
25..	59.93	59.27	21	26.5	97	77	E 1	ENE 2	6	9	28.2
26..	59.71	57.94	21.7	29.9	97	64	ENE 1	ENE 3	2	2	1
27..	60.27	59.27	22.7	31.3	98	64	E 1	E 2	5	5	.....
28..	60.78	59.64	22.7	32.7	94	48	E 2	ENE 2	1	2	.....
29..	60.92	59.59	23.7	29	93	76	E 1	W 2	3	7	8.9
30..	60 62	58.32	22	30.7	98	67	NE 1	W 2	4	4	1.8
31..	59.88	58.51	22.4	29 2	96	70	NE 1	SSE 2	1	5	6.4
Mean	59.32	58.06	22.6	29.6	95.6	66.7	1.1	2.3	5	6.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	158.9

APRIL.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	60.33	58.02	22.4	30.6	96	74	NE 1	W 2	2	6	9.9
2..	58.93	57.43	23.2	30	97	73	ebyN 1	W 2	1	6	7.6
3..	59.08	57.74	24.2	31.4	94	43	NE 1	ESE 3	9	5	.....
4..	59.26	57.95	21	29.3	97	79	ENE 1	W 2	2	5	9.7
5..	59.71	58.09	23.5	29.1	98	76	NE 1	S 2	10	10	.5
6..	58.37	58.22	24.4	27.3	89	82	ebyN 2	SE 1	4	10	.....
7..	58.51	56.50	22.1	30.8	99	69	ENE 1	ENE 1	4	9	6.1
8..	58.05	56.19	23	32	97	60	NE 1	E 2	7	5	.....
9..	58.14	57.37	23	29.5	95	75	Calm	NNW 1	5	9	.....
10..	58.80	57.64	22.5	29.5	96	76	NE 1	SE 3	3	7	9.1
11..	57.99	56.28	23.5	30	96	71	ENE 1	NW 2	4	8	2.5
12..	57.73	56.07	22.3	31.5	96	60	ENE 1	S 3	3	2	.....
13..	58.35	57.71	22.6	27.8	97	83	NE 1	E 1	3	9	.....
14..	57.18	57.19	23.6	31	90	67	NE 1	W 2	2	7	7.1
15..	59.13	56.87	23.4	31.2	97	69	NE 1	W 2	7	8	13
16..	58.18	56.42	23.8	31.5	91	66	E 1	W 2	5	3	12.7
17..	58.51	56.87	22.4	31.6	95	67	NE 1	W 2	3	7	8.9
18..	58.89	57.20	23.4	30	95	73	ENE 1	W 2	4	7	.....
19..	59.04	56.93	21.5	32.3	97	64	ENE 1	WSW 2	4	4	2.8
20..	58.69	56.48	23.3	32	97	61	NE 1	SE 2	4	4	.....
21..	57.59	57.11	22.2	27.1	96	82	ENE 1	ESE 2	2	9	.....
22..	57.93	56.40	24	32.3	87	56	ENE 1	SSE 2	4	4	.....
23..	57.25	56.38	23.4	31.5	92	59	E 2	ESE 2	7	8	.....
24..	58.35	56.75	23.6	32.2	95	68	NE 1	W 2	2	8	.....
25..	58.33	57.39	23.3	26.5	96	88	NE 1	N 2	7	8	11.9
26..	57.85	56.77	23.4	29.4	98	77	ENE 2	NW 2	8	10	10.7
27..	57.68	56.47	23	31	96	64	NE 1	W 2	8	8	.....
28..	57.75	56.26	24.5	29	94	63	NE 2	E 2	7	7	.8
29..	57.80	55.64	24	29.8	97	71	NE 2	N 3	4	9	12.4
30..	56.93	55.81	24.8	31.3	90	66	ebyN 2	W 2	4	5	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.41	56.94	23.2	30.3	95	69.4	1.2	2	4.6	6.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	125.7

CATBALOGAN.

[ϕ=11° 47′ N; λ=124° 51′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1..	57.80	56.52	23.3	32	96	59	W 2	W 2	5	5	3.8
2..	57.84	57.75	23.6	26.5	98	91	NE 2	ENE 2	3	10	.5
3..	57.75	56.09	24.6	30.2	93	73	ENE 1	SSE 2	9	8	.3
4..	58.12	56.86	23	31.7	95	60	NNE 1	W 2	3	5	.....
5..	58.70	56.87	24.8	32.7	88	53	ENE 2	WSW 3	6	5	5.1
6..	58.75	56.99	23.2	32.2	95	68	NE 1	SE 3	3	9	.3
7..	58.33	56.37	24.4	31.2	92	60	E 1	W 2	7	4	.....
8..	58.38	56.87	24.1	32.6	95	56	NNE 1	SW 3	5	5	.....
9..	59.11	57.20	24.2	30	96	75	E 1	W 2	3	7	1
10..	59.01	57.22	25	28.7	96	78	E 1	SE 3	8	10	.....
11..	57.93	56.28	24.6	29.5	95	75	E 1	NW 2	8	9	.....
12..	58.83	57.37	24.5	29.5	94	70	N 3	NNW 2	9	8	.....
13..	59.50	57.91	24	31.7	96	64	E 1	SW 2	3	5	.....
14..	60.01	58.42	23.5	29.5	96	72	ENE 1	W 2	1	5	.....
15..	60.60	58.33	23.5	32.7	92	55	ENE 1	ENE 2	1	5	13.2
16..	60.17	57.80	21.9	32	98	61	ENE 1	W 3	1	4	.....
17..	59.78	58.08	23	30	92	73	Calm	SE 2	1	7	.5
18..	60.26	59.06	25	28	88	82	ENE 2	E 1	3	9	4.6
19..	59.40	57.60	24.5	28.8	92	75	ENE 1	ESE 2	8	9	.....
20..	57.53	57.87	24.4	27.8	94	80	ENE 1	SSE 2	2	10	1.8
21..	57.75	57.55	22.6	26.3	97	87	NE 1	E 2	1	9	3.6
22..	58.25	58.56	23.3	25	97	93	N 1	ESE 1	8	10	32.2
23..	59.49	58.54	22.7	27.5	97	84	ENE 1	ENE 2	2	8	.3
24..	59.03	57.56	22.5	28	97	77	NE 1	ESE 2	3	8	.....
25..	58.63	57.54	22.8	27.8	96	80	ENE 1	E 2	2	9	.....
26..	58.92	57.22	22.9	30.5	97	72	E 1	WNW 2	1	5	.....
27..	59.30	58.18	24.5	30	96	73	N 2	SE 3	7	9	6.4
28..	58.62	57.14	23.5	30.2	97	73	ENE 1	WNW 3	3	9	.....
29..	58.52	56.01	24.3	30.3	95	76	NE 2	W 2	8	8	6
30..	58.63	57.06	24.5	30.5	97	66	E 1	WNW 2	9	8	.3
31..	58.79	57.58	25.2	30	88	68	E 2	S 2	4	8	.....
Mean	58.83	57.43	23.8	29.8	94.7	71.9	1.3	2.2	4.4	7.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	79.9

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1..	59.16	57.53	25.5	32	87	63	Ebys 2	SSE 3	7	8	.....
2..	58.59	56.66	24	33	96	61	NE 1	SE 3	5	6	4.1
3..	57.65	56.22	24.6	32.8	91	54	ENE 1	ESE 2	4	5	1
4..	57.77	57.04	25	26	90	88	E 2	SE 2	7	8	4.6
5..	58.40	57.70	25.2	29.8	92	74	E 2	SW 2	8	8	4.6
6..	59.47	57.76	23.5	31.4	92	63	NE 2	SE 2	3	9	2.8
7..	58.85	57.63	23.5	30.5	98	68	E 1	SSE 2	3	9	14.5
8..	58.88	57.78	25.3	30	85	69	NE 2	SSE 3	7	8	3
9..	59.55	58.14	23.2	30	96	65	NE 1	SW 2	3	10	27.2
10..	59.47	57.69	23.7	30	97	75	ESE 1	SSE 3	7	8	4.1
11..	58.85	57.45	24.2	29	91	73	EbyN 2	SE 2	9	9	3.6
12..	58.03	56.54	22.3	31.5	97	63	E 1	SE 3	6	5	5.1
13..	58.38	57.12	24.5	28.2	87	82	E 2	E 1	4	9	6.1
14..	59.17	57.61	25	26.8	85	83	ESE 2	SSE 2	9	9	3.8
15..	59.06	57.71	23	29.5	97	75	ENE 1	NE 2	8	8	.8
16..	58.69	56.77	24	31	96	67	E 1	S 3	8	8	.....
17..	58.08	55.92	23.5	31.5	96	69	ENE 1	SE 3	1	8	.....
18..	57.62	57.29	25	28.3	95	73	ESE 2	NNE 2	9	10	9.4
19..	59.37	58.71	24	30.7	91	64	ESE 2	SSE 2	7	9	.....
20..	60	58.27	24	32	94	63	NE 1	ESE 2	1	5	.....
21..	59.20	58.63	24.1	25.9	91	87	E 2	E 2	2	9	24.1
22..	58.29	56.69	23.4	29.2	97	64	ENE 1	SSW 2	7	9	.....
23..	58.04	56.15	22.5	29.7	96	69	ENE 2	W 3	4	7	.....
24..	57.55	57.19	23.5	30.8	97	69	NE 1	SW 2	8	8	11.2
25..	57.44	56.08	23.4	25.9	97	85	ENE 1	NNW 2	7	10	37.5
26..	56.95	56.19	24	30.3	93	67	ESE 2	WSW 2	8	7	.8
27..	58.39	57.67	23.8	31	95	62	ENE 2	SSE 2	9	8	.....
28..	59.61	58.34	24.8	29.1	89	79	E 2	SE 2	7	8	.....
29..	60.07	58 29	23.8	25.1	96	92	N 1	SSE 2	1	9	19.6
30..	58.65	56.76	22.7	27	98	83	ENE 1	WSW 3	6	8	4.1
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.64	57.32	24	29.6	93.4	71.6	1.5	2.3	5.8	8.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	192

JULY

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1..	58.15	56.51	22.9	29.4	95	67	E 1	ESE 2	3	8	.....
2..	57.85	57.16	24.1	31.6	95	63	ENE 2	WNW 2	7	7	13.5
3..	57.47	56.32	24.8	32	95	67	ENE 1	NW 3	6	7	.....
4..	56.33	56.02	27.3	29.9	84	69	WSW 3	W 3	10	10	.....
5..	55.92	55.37	27	31.5	83	60	S 2	WNW 2	8	9	.....
6..	55.90	55.34	26	31.2	92	63	E 2	W 2	9	7	19.3
7..	57.08	55.66	24.2	31.2	96	66	NE 2	NW 2	10	7	.3
8..	57.08	56.01	24.8	32.1	94	63	E 2	W 3	8	8	4.6
9..	56.53	54.95	24.4	32.5	93	60	ENE 2	W 2	9	7	.3
10..	56.33	55.52	24.4	31.4	96	68	NE 1	WNW 3	5	8	.8
11..	56.41	55.73	25.2	30.5	93	64	SE 2	SW 3	10	10	.....
12..	56.31	55.68	25.8	30.4	92	69	ESE 2	ESE 2	10	10	2.8
13..	57 33	55.63	24.2	30.7	96	65	E 2	SE 2	10	9	.3
14..	56.37	54.99	23.1	28.6	95	75	NE 2	NE 2	9	9	8.1
15..	56.25	54.97	24.5	25	97	91	E 1	N 2	10	10	35.1
16..	55.69	55.61	24.7	27.3	94	86	SE 3	SE 2	10	10	5.6
17..	56.78	56.06	24.5	31.5	92	63	ESE 2	S 2	8	8	.....
18..	57.01	55.79	25.3	32	91	66	SE 2	SE 3	8	9	.....
19..	57.21	56.69	25	29.5	95	71	ENE 1	N 2	9	10	1
20..	58.75	57.84	23.8	28.5	91	78	E 2	EbyN 2	7	9	.....
21..	58.03	57.76	24.3	24.5	97	90	E 1	ENE 2	7	10	12.4
22..	59.33	58.29	24	29.4	97	74	E 1	W 3	10	8	21.1
23..	59.81	58.22	24.5	30.5	96	70	NNE 2	W 2	9	7	51.6
24..	59.21	57.99	25.6	29.8	88	70	W 3	W 3	10	9	5.1
25..	58.65	57.14	23.7	29.6	94	70	NE 2	SE 1	9	9	1
26..	57.47	56.54	25.5	31	93	62	SE 2	W 3	6	7	4.8
27..	56.72	55.59	24	30.8	98	65	ENE 2	W 3	8	8	.....
28..	56.71	55.61	26.8	31.4	82	61	W 3	W 3	8	8	.....
29..	56.96	56.02	27.5	30.8	78	68	WSW 4	SW 2	7	8	.....
30..	57.86	57	27.2?	32.2	81?	62	WSW 3	WSW 3	8	9	2.3
31..	58.04	56.97	24.4	31.7	96	62	SE 2	W 2	9	6	.....
Mean	57.28	56.29	25	30.3	92.2	68.6	2	2.4	8.3	8.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	190

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1..	58.30	57.23	24	32.4	96	59	E 2	SW 3	9	7	.....
2..	57.97	57.02	25.3	32.2	89	65	E 2	WNW 3	6	6	.....
3..	57.36	56.96	24.5	27.5	97	89	E 1	E 2	9	10	6.6
4..	57.59	57.96	24.4	26	95	90	SE 3	NNW 2	10	10	7.7
5..	58.76	58.03	23.5	31.1	93	62	ENE 2	WSW 2	8	5	.....
6..	58.83	56.91	23.8	32.5	96	62	ENE 2	WNW 3	6	4	1
7..	57.58	57.21	21.8	24	98	96	E 1	N 2	3	10	52.6
8..	56.53	55.39	22.6	30.5	95	65	ENE 2	WSW 2	3	7	.....
9..	57.55	56.41	23.1	31	97	71	ESE 2	WNW 3	8	5	.....
10..	57.78	56.76	24.7	30.7	95	70	E 2	WNW 3	8	9	.....
11..	57.59	57.23	25	32.1	92	63	SE 1	SSE 3	9	8	.....
12..	58.38	57.12	24.2	32.2	95	65	ENE 2	NE 2	8	7	.....
13..	58.80	56.55	24.3	31.7	93	66	ENE 2	WNW 3	7	3	.....
14..	57.35	55.60	23.5	32.1	96	69	ENE 2	W 3	4	3	.....
15..	56.36	55.05	24.1	31.1	97	71	E 1	WbyN 3	3	7	.....
16..	54.80	53.38	28.7	31	75	64	WSW 3	WSW 3	10	10	11.7
17..	54.18	53.90	28	29	77	78	SW 5	SW 4	10	10	7.4
18..	56.17	55.65	26.5	32.5	82	60	SE 2	SW 4	10	8	4.3
19..	57.03	56.89	25.3	29.6	93	77	E 2	SE 2	9	9	.....
20..	57.86	57.08	24.5	32.3	96	64	ENE 1	SE 2	10	8	.....
21..	59.28	58.10	23.8	32.2	96	62	NW 1	W 3	2	7	.....
22..	59.66	57.74	23.4	31.8	97	60	ENE 2	W 2	3	7	6.6
23..	59.09	58.81	22.8	24.9	97	86	ENE 1	NE 2	4	10	7.4
24..	60.38	58.91	22.6	27.5	97	84	ESE 1	SE 2	1	9	8.9
25..	60.07	58.44	23.6	29	97	76	ESE 1	WNW 2	2	9	.....
26..	58.78	57.23	22.6	29	98	78	E 1	W 2	2	10	.....
27..	58.19	56.61	23.1	31.5	99	63	E 1	W 3	3	5	3
28..	59.05	57.43	23.1	29.3	98	74	E 2	E 2	6	8	.....
29..	57.62	56.46	22.8	28.6	98	73	E 1	NNE 2	5	8	.3
30..	56.12	54.92	22.6	31.1	98	72	E 1	WNW 3	6	8	.....
31..	55.74	54.59	23.3	30	97	71	E 1	NW 2	8	8	19.3
Mean	57.77	56.70	24	30.2	94.2	71.1	1.7	2.5	6.2	7.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	136.8

CATBALOGAN.

[ϕ=11° 47′ N; λ=124° 51′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	56.95	56.76	23.5	26.1	97	85	ENE 2	SW 2	10	10	2
2..	57.92	56.91	26.5?	29	73?	68	SW 3	SW 3	8	8	3.6
3..	57.57	56.61	24.8	26.5	93	92	NE 2	E 1	10	10	49.8
4..	57.23	55.95	24	26	98	94	WNW 4	NE 2	10	10	28.2
5..	56.64	55.68	26.8	28.3	82	79	W 4	W 3	10	8	14.5
6..	57.76	57.23	25.7	30.2	90	70	NE 2	NW 2	7	9	14.8
7..	58.15	56.37	23.5	31.8	97	62	ENE 2	NW 2	9	8	5.1
8..	57	56.16	23.5	27.7	98	84	E 1	SE 3	9	10	.....
9..	56.93	56.23	24.6	28	95	82	NE 1	NNE 2	10	10	10.7
10..	57.60	57.24	24	29.2	97	73	NE 1	WSW 2	10	10	.....
11..	58.18	56.74	24.8	31.8	93	67	E 2	SW 2	9	4	.....
12..	58.33	58.51	24	24.8	96	93	NE 1	SE 3	4	10	14.8
13..	59.33	58.37	24.7	26.8	95	86	E 1	SE 1	9	10	1.5
14..	58.91	57.91	23.5	31.3	91	61	E 1	SSE 2	3	8	.....
15..	59.55	57.63	20.9	30.5	96	65	ENE 2	W 2	1	8	4.6
16..	58.26	56.30	22.4	30	97	69	E 2	NNW 2	3	8	8.1
17..	57.57	55.98	23.4	31.3	97	64	ENE 1	WSW 2	3	4	.....
18..	59.30	57.72	23.8	26.8	97	86	NE 2	ENE 2	9	10	2
19..	58.80	56.90	23.2	29.5	97	73	NE 2	W 2	8	9	18.3
20..	58.35	56.88	23.7	30.1	94	73	E 1	E 2	9	8	10.5
21..	58.84	57.74	24.5	31	91	64	E 2	SSE 2	10	9	.5
22..	59.33	57.88	24.3	29.8	93	66	SE 2	WNW 3	8	8	5.6
23..	59.14	56.64	23.8	31.1	97	68	E 1	W 3	9	5	.....
24..	58.75	56.43	24.5	30	95	71	E 1	WNW 2	8	9	1.3
25..	57.10	55.32	23.2	31.1	97	68	E 1	W 3	4	6	2.5
26..	56.70	56.02	24.4	30.3	97	73	ENE 1	WNW 3	9	9	10.2
27..	57.71	56.32	25	29.5	94	73	ENE 2	NW 2	9	8	48.2
28..	57.08	56.09	24.8	31.2	95	67	WSW 3	NW 2	7	9	23.4
29..	58.15	56.93	23.9	30	97	69	NE 1	SE 2	10	10	.8
30..	58.54	56.40	24.4	30.2	93	69	ESE 1	W 2	9	9	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.06	56.80	24.1	29.3	94.1	73.8	1.7	2.2	7.8	8.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	281

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.10	57.62	23	29.8	96	70	E 1	WNW 2	4	9	0.3
2..	58.73	56.88	24	31	95	69	NNE 1	WNW 3	7	7	6.4
3..	58.15	56.43	23	29	97	74	ENE 1	WNW 2	7	9	30.5
4..	56.80	55.09	25	27.8	93	80	NW 4	WNW 4	10	10	57.7
5..	55.62	54	25.4	25.4	91	92	W 4	W 4	10	10	87.7
6..	54	53.12	25.6	26.4	88	85	SW 4	SW 4	10	10	34.6
7..	54.28	54	26.4	28	82	74	SW 5	SW 5	10	10	.....
8..	55.84	55.34	26.9	29.3	79	74	SW 4	SSW 3	9	10	3.3
9..	57.53	56.73	24.8	31	89	69	SE 3	SW 2	10	8	.....
10..	57.92	57.08	24.8	31.3	93	67	E 1	W 2	5	5	.....
11..	58.90	57.10	24	31	95	69	E 1	W 2	3	7	19.6
12..	58.78	57.46	23.5	30.7	98	66	NE 1	SE 2	3	7	12.7
13..	59.73	59.05	23	28	97	77	E 2	S 2	9	9	.....
14..	59.71	58.08	22.7	28.3	97	77	E 1	ENE 2	8	9	2.8
15..	59.26	57.04	22	30.5	97	70	EbyN 1	W 2	4	6	19
16..	58.48	56.11	22.5	31	98	68	ENE 1	NW 2	3	6	9.1
17..	56.65	54.82	22.9	29.7	97	72	E 1	ENE 2	5	8	1.5
18..	56.49	55.31	22.8	26	98	84	E 1	SE 2	6	9	1.3
19..	57.15	55.49	23.2	30.6	98	74	NE 1	WNW 2	8	7	1
20..	57.50	56.51	22.7	26	98	89	E 1	E 2	9	9	13.5
21..	57.84	56.04	22.9	30.6	97	73	NE 1	W 2	5	7	.....
22..	58.22	57.12	24.1	27.5	95	77	Calm	S 2	6	10	.....
23..	59.15	57.05	23.5	28.3	96	79	NE 1	W 2	10	10	24.4
24..	58.85	56.61	22.6	30	99	75	E 1	NE 2	4	8	1.3
25..	58.34	56.26	24	29	97	81	ENE 1	NNE 2	9	9	11.4
26..	57.56	55.27	23.2	31	98	68	N 1	W 2	2	5	.....
27..	57.24	55.41	23.2	29.5	98	76	E 1	NE 1	1	7	18.8
28..	58.13	56.95	22.6	29.8	99	75	E 1	WNW 2	3	8	15.2
29..	58.96	57.50	23	28.8	97	73	ENE 2	E 2	4	10	2.3
30..	57.84	57.19	23	29.4	96	70	ENE 1	NNE 2	10	10	.....
31..	56.93	56.33	22.5	25.2	97	91	E 1	E 1	7	10	50.5
Mean	57.73	56.29	23.6	29	95	75.4	1.6	2.3	6.5	8.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	424.9

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	56.91	55.58	22.5	27	99	81	ENE 1	ENE 1	10	9	4.8
2..	56.97	57.43	24.2	24.3	94	93	E 2	ENE 2	8	10	20.1
3..	58.15	56.91	24.2	28.4	95	79	ESE 2	ESE 2	9	9	5.1
4..	58.49	57.55	24.3	29.5	95	81	ESE 1	E 2	10	8	4.1
5..	58.83	58.02	23.8	23.7	97	96	E 1	E 1	10	10	49.2
6..	58.93	58.29	23.8	25.7	95	83	E 1	E 2	10	10	13.8
7..	59.43	58.13	24.4	26.2	90	89	E 2	E 2	10	10	3.6
8..	59.24	57.34	23.2	30	98	76	ENE 1	W 2	8	6	2.3
9..	56.27	54.72	24	26.5	97	84	NNW 2	SW 3	10	10	10.4
10..	57.49	56.74	22.8	26.3	97	91	NE 1	ESE 2	4	8	1
11..	57.48	56.75	21.4	25.8	98	89	E 1	NE 2	1	10	18.3
12..	58	56.89	22	27	98	86	Calm	NNE 2	1	9	9.9
13..	58.35	56.87	23	28.1	99	85	ENE 2	N 2	9	10	16
14..	55.53	55.06	24.8	26	93	88	NNW 3	NE 2	10	10	35.8
15..	56.95	55.26	23.5	28	98	85	ENE 1	SSW 2	10	9	1.8
16..	57.29	56.58	23.1	24.8	99	87	ENE 1	E 2	9	10	1.8
17..	57.88	56.44	23	28.6	98	75	ENE 2	W 2	8	9	.....
18..	57.96	56.01	22.6	30.7	99	65	ENE 2	WNW 2	3	2	.....
19..	57.80	56.28	24.2	31.2	94	62	ENE 2	SW 2	7	4	.....
20..	58.59	56.86	23.5	31.1	96	69	ENE 1	W 2	4	3	.....
21..	59.19	57.79	23.5	26	96	92	NE 1	ENE 1	2	8	35.8
22..	59.18	57.53	23.5	27.6	96	81	ENE 2	N 2	9	9	11.5
23..	58.35	56.52	22.8	26.8	97	82	E 1	SE 2	10	9	4.1
24..	57.44	56.15	22.3	27.2	97	87	ENE 1	W 2	4	10	15.7
25..	57.60	57.08	24	26.5	91	86	E 2	E 1	10	10	5.8
26..	58.61	57.06	22.5	28.5	96	73	E 1	E 2	9	9	14.7
27..	58.55	57.01	22.6	29	99	76	E 2	WSW 2	9	9	.....
28..	59.55	58.39	22.1	28.4	99	73	NE 1	E 2	4	5	.....
29..	59.87	59.36	22	30	96	74	ENE 1	WSW 2	3	6	15
30..	60	58.74	23.5	28.3	98	67	E 2	ESE 3	9	6	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.16	56.98	23.2	27.6	96.5	81.2	1.4	1.9	7.3	8.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	300.6

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.98	58.25	20.4	30.3	98	68	E 2	WNW 2	2	7	0.5
2..	59.84	58.61	21.5	26.4	99	90	ENE 2	E 2	5	10	13.4
3..	59.58	58.75	23.4	25.8	97	88	NE 1	ESE 2	8	8	5.1
4..	60.02	58.43	21.1	29.4	99	70	ENE 1	E 3	1	8	5.8
5..	59.45	57.67	21.8	29.9	98	69	E 2	ENE 3	2	7	7.9
6..	57.58	55.40	21.6	28.3	99	77	E 1	SE 2	4	9	3.6
7..	56.49	54.61	23	27.5	98	84	ENE 1	S 2	10	9	5.3
8..	55.45	54.69	23	27.2	98	84	ENE 1	W 2	9	10	11.2
9..	56.90	56.05	23.4	30.7	97	65	E 2	S 2	8	7	.....
10..	58.04	55.79	22.5	30.2	97	77	NE 1	WNW 2	3	6	.....
11..	57.30	56.22	22.6	27.4	99	88	ENE 1	NNW 2	7	9	12.2
12..	57.01	56.99	23	29.5	96	71	N 1	W 3	9	4	.....
13..	58.34	56.96	23.6	29.5	97	75	ENE 2	W 2	2	2	.....
14..	57.93	57.69	21.5	30.5	98	66	NE 2	W 3	3	4	.....
15..	58.60	57.02	21.6	29.5	99	75	NE 2	W 2	5	8	10.9
16..	57.54	55.97	22	29	98	76	ENE 1	N 3	4	9	11.1
17..	57.67	56.56	21	26.8	100	83	E 1	N 2	4	6	1
18..	58.39	57.01	21.6	29.5	99	75	NE 1	W 2	6	6	1.3
19..	58.65	57.36	23.4	30.2	97	66	ENE 1	NE 3	9	8	12.5
20..	58.06	57.38	23	28.7	96	77	NE 1	SE 2	2	8	.5
21..	58.88	56.60	21.5	31.3	99	60	E 1	SE 2	5	4	.....
22..	58.38	56.95	21.6	30.5	98	63	ENE 1	NNE 2	4	7	2.5
23..	57.43	56.77	21.7	29	98	72	ENE 1	SE 2	2	9	.8
24..	57.40	56.18	23.2	26.1	98	83	NE 2	SE 2	10	10	20.3
25..	56.74	55.61	22.5	25.2	98	90	ENE 1	NE 2	9	10	15
26..	55.90	54.54	22.2	29.6	98	70	ENE 2	W 2	8	8	9.1
27..	56.55	55.62	22.5	27.4	97	83	NE 2	W 2	10	10	10.7
28..	56.68	55.67	23.5	27	97	75	N 2	NE 3	10	10	36.4
29..	57.68	56.58	23	26.5	96	86	NE 2	SE 2	10	9	.....
30..	57.14	56.09	22.2	29	98	75	E 2	WSW 2	9	7	2
31..	57.73	57.21	23.7	25.8	98	85	NW 2	SE 2	10	10	.....
Mean	57.85	56.62	22.3	28.5	97.9	76.3	1.5	2.2	6.1	7.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	199.1

MASBATE.

[$\phi = 12°\ 22'$ N; $\lambda = 123°\ 36'$ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.79 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	
1..	58.92	57.70	25.2	28.2	90	72	NE 2	NE 2	7	5	.....
2..	59.12	57.80	24.5	29.5	94	69	W 1	E 2	6	3	.....
3..	59.63	58.42	24.5	28.5	96	75	Calm	NW 2	6	8	3.8
4..	60.82	60.15	25	28.5	90	64	NE 1	NNE 3	7	6	5.3
5..	63.27	62.70	25.4	26.4	77	68	NE 3	NNE 3	7	10	2.1
6..	63.77	62.25	23.6	27	82	64	NE 3	NE 4	10	10	3.8
7..	62.39	61.20	23.5	27.2	90	70	NE 3	NE 3	10	5	.....
8..	62.67	62.07	25	25.6	85	79	N 3	NE 3	10	8	6.4
9..	63.74	62.42	25	27.2	80	75	N 3	NNE 3	10	7	1.3
10..	63.32	62.22	24.5	27	87	80	NE 2	N 3	7	6	12
11..	63.17	61.54	24	24	88	91	NE 4	NE 4	10	10	92
12..	61.94	59.87	23.6	28	95	73	NW 2	N 4	10	6	1.5
13..	60.72	59.90	24.6	26.4	92	81	NE 2	NE 3	10	10	31.8
14..	60.43	59.14	24.5	25.5	92	84	NE 2	NE 1	10	10	3.3
15..	59.84	59.26	24.6	24.8	90	90	NE 2	NE 3	8	10	1.8
16..	59.59	58.42	24.6	27.5	87	75	N 3	N 3	6	7	.....
17..	59.69	58.32	25.2	27.8	87	80	N 3	NE 2	8	7	10.9
18..	59.37	56.77	25.2	27.6	92	80	N 2	N 2	6	7	12.2
19..	58.11	57.16	25	24	88	96	N 3	N 3	9	10	53.3
20..	57.76	56.87	23.6	26.2	98	92	SW 1	N 2	10	9	34.8
21..	58.04	57.24	24.2	26.8	97	83	Calm	E 2	10	8	.....
22..	58.19	56.74	24.5	27.2	92	78	N 1	N 2	4	10	4.1
23..	58.41	57.40	23.6	29.4	91	59	Calm	NE 1	7	4	1
24..	59.03	58.34	25.2	25.2	86	85	Calm	NE 1	7	10	6.4
25..	59.41	58.72	24.2	25	88	83	NE 2	N 1	10	10	9.1
26..	60.24	58.45	24.5	26.8	89	77	N 2	NE 3	10	8	5.8
27..	60.02	58.07	24.5	27.8	86	75	NE 3	NE 3	9	4	.5
28..	58.99	58.17	24.6	26.6	92	86	NE 1	NE 1	10	8	1.8
29..	59.16	58.31	24.6	28.2	88	74	NE 2	NE 3	10	6	.....
30..	59.99	58.49	24.5	26	84	80	N 2	NW 3	10	10	.....
31..	59.21	57.62	23.6	27.6	90	74	Calm	NE 1	10	7	.....
Mean	60.29	59.09	24.5	26.9	89.1	77.8	1.9	2.5	8.5	7.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	305

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.04	57.62	24.5	25.6	82	84	NE 3	NE 3	10	10	9.6
2..	58.99	57.70	23.5	26.6	91	77	NE 2	NE 3	10	10	2.5
3..	59.51	59.04	23.5	25.6	94	81	NE 2	NE 3	10	10	1.5
4..	60.54	59.97	24	28	85	74	NE 2	NE 3	9	10	.....
5..	61.34	60.42	24	27.8	87	70	NE 3	NE 3	8	8	.....
6..	62.12	61.10	24	28.2	90	73	NE 2	NE 3	8	7	.3
7..	61.92	60.77	25.2	26.2	82	81	NE 3	NE 3	9	9	1.3
8..	61.68	60.10	23.5	28.8	96	61	SE 1	NE 2	7	7	.....
9..	61.24	59.70	23.5	27.5	96	79	SE 2	NE 3	5	6	31.2
10..	61.44	60.60	24.5	25.2	82	77	NE 3	NE 3	9	8	1.8
11..	61.34	59.87	23.5	23.5	87	96	NNE 3	NNW 3	10	10	9.1
12..	61.29	60.05	22.5	26.8	96	81	Calm	NW 3	9	8	.....
13..	61.24	60.20	24	26.2	91	84	NE 2	N 3	10	10	45.7
14..	61.14	60.47	23	23.5	96	92	N 3	NE 3	10	10	27.7
15..	61.79	60.12	24.2	26.6	91	83	NE 3	N 3	9	9	9.4
16..	60.99	59.35	24	26.8	96	....	NE 2	NE 1	8	10	13.5
17..	60.29	58.05	23.5	29	96	63	NE 1	E 3	7	4	.....
18..	58.79	56.67	23.5	29	92	71	NE 1	NE 3	7	3	.....
19..	57.71	56.77	24	27.4	96	83	NE 2	NE 3	8	9	6.6
20..	58.76	58.77	23.5	26.6	97	78	NE 1	N 3	7	10	.....
21..	61.29	60.32	23	25.8	91	81	NE 3	NE 3	10	10	.....
22..	61.12	60.52	24	23.6	85	93	N 4	N 3	9	10	7.1
23..	60.34	59.14	23.8	24.8	89	85	NE 3	N 3	10	10	5.1
24..	59.05	57.79	24	26	95	88	NE 1	NNW 3	10	10	11.7
25..	58.94	57.67	23.4	29.4	95	68	Calm	NE 2	6	4	.....
26..	59.04	56.87	24.6	29.2	88	70	NE 2	NE 2	3	4	1.3
27..	58.39	56.87	24	29	96	74	NE 1	NE 3	3	6	.....
28..	57.84	56.80	24.6	28.6	95	72	NE 1	NNW 2	10	8	.5
29..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	60.26	59.05	23.8	26.8	91.3	78.5	2	2.8	8.2	8.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	185.9

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.52	57.32	25	29.2	90	73	N 2	NE 3	4	3	.....
2..	58.46	56.83	24.5	29.2	92	68	NE 1	NE 2	7	3	.....
3..	58.44	57.17	24.5	28.8	94	80	NE 1	NE 3	6	9	.....
4..	57.37	56.35	24.8	28.8	93	78	NE 1	NE 3	4	7	.....
5..	58.72	57.12	25.2	28.4	93	76	NE 2	NE 2	10	8	.....
6..	59.17	57.65	24.6	29.5	97	70	Calm	NE 2	4	4	1.3
7..	59.17	57.94	23.6	28.8	93	73	NE 2	NE 3	10	4	14.8
8..	58.47	56.61	24.6	28.8	92	75	NE 2	NE 3	9	5	.3
9..	58.02	57.42	24.8	26	88	90	NE 2	NNW 3	4	10	4.1
10..	59.19	57.67	24	29.5	98	71	NE 1	NE 3	10	8	.....
11..	58.49	57.48	25	29.5	92	66	NE 2	NE 3	4	4	.....
12..	58.29	57.30	25.2	29	88	72	NE 1	NE 3	8	7	1.8
13..	58.18	57.72	24.5	27.5	94	81	Calm	NE 2	10	6	1.3
14..	59.17	58.85	24.6	28.5	97	71	NE 1	N 3	10	8	.5
15..	60.49	59.66	25.2	28.6	86	76	NE 2	NNW 3	6	6	1.3
16..	60.76	58.87	24.5	27.6	92	77	NNW 3	NE 1	10	4	.5
17..	59.97	58.62	24.8	28.5	95	75	NE 1	NE 1	7	6	2
18..	60.27	58.94	24.6	29.6	92	70	N 2	NE 2	6	6	.....
19..	59.73	58.50	24.8	29.6	95	74	NE 1	E 2	8	4	.....
20..	59.82	58.80	24.2	30.2	95	68	NE 1	E 2	5	3	.....
21..	60	59.89	25.2	28.4	92	78	NE 1	E 3	4	7	.....
22..	61.22	59.78	25.5	29.8	84	67	NE 1	E 2	7	2	.....
23..	60.04	59.65	24.5	27.5	92	75	Calm	N 3	2	7	.....
24..	59.66	58.80	25	29.6	88	64	NE 2	N 3	5	4	2.5
25..	60.13	59.90	24.5	23.8	92	95	N 2	NE 1	10	10	20.6
26..	59.74	58.60	24.4	27.6	91	80	NE 1	NE 2	4	7	.....
27..	60.04	59.30	24.5	29.2	92	70	NE 1	NE 2	7	4	.....
28..	60.67	60.25	25	29.6	92	70	NE 2	NE 2	4	3	.....
29..	61.12	59.91	24.6	29	95	79	NE 1	N 3	7	4	.....
30..	60.57	58.61	24.5	29.6	96	61	Calm	E 2	5	4	.....
31..	59.92	58.65	25.2	28.2	94	79	E 1	NE 1	5	6	.....
Mean	59.48	58.39	24.7	28.6	92.4	74.3	1.3	2.4	6.5	5.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	60.22	58.39	25.2	31.8	95	58	SW 1	E 2	6	3	.....
2..	59.12	57.73	25.6	29	95	78	NE 1	NE 3	4	6	.....
3..	59.12	58.06	25.6	29.6	93	75	NE 1	E 2	7	6	.....
4..	59.15	58.20	24.6	31	92	68	Calm	E 2	6	6	.....
5..	59.40	58	26	30	92	71	NE 2	E 2	8	5	.....
6..	58.54	57.93	26.2	31.6	90	57	E 2	NE 2	6	4	.....
7..	58.64	56.83	25.6	32.6	93	61	Calm	E 2	6	6	.....
8..	57.67	56.61	26.4	29.4	93	78	NE 2	E 2	7	7	.3
9..	58.12	57.15	25.6	29.8	92	77	Calm	E 2	6	6	3.3
10..	58.79	56.95	25.5	31.4	89	66	E 2	NE 2	4	4	.....
11..	57.72	56.33	25.6	30.6	92	69	E 1	E 3	3	4	.....
12..	57.49	56.23	24.8	30.8	97	64	Calm	E 2	6	4	.....
13..	58.07	57.39	25	31.6	93	65	E 1	NE 2	6	4	.....
14..	59.04	57.59	25.6	31.6	97	60	Calm	E 2	8	6	.....
15..	58.79	57.15	25.6	29.2	97	78	SW 1	SSE 2	6	7	.....
16..	57.82	56.28	25.6	29	97	78	Calm	NE 2	7	6	.....
17..	58.29	57.16	25.5	29.4	98	78	SW 1	SE 1	6	6	2
18..	58.42	57.08	26	31.6	95	62	Calm	E 3	7	3	.....
19..	58.64	57.25	26.6	31.2	83	63	E 2	E 2	6	3	.....
20..	58.32	56.83	26	31.8	90	60	E 1	E 3	4	3	.....
21..	57.54	56.38	26.5	31.4	86	61	E 3	NE 2	4	4	.....
22..	57.72	56.63	26.2	31.2	92	60	Calm	E 2	6	6	.....
23..	57.04	56.84	26	31.4	85	60	E 1	E 2	7	5	.....
24..	58.29	56.83	26.2	30.6	92	76	SSW 1	N 3	6	4	.....
25..	58.37	57.40	25.5	32.8	98	61	Calm	NE 2	6	4	.....
26..	57.87	56.93	26	30.8	92	72	E 1	NE 2	8	6	11.9
27..	57.62	56.63	25.6	31	91	69	NE 1	N 2	7	7	.....
28..	57.64	56.18	26	31	96	72	Calm	N 2	7	4	.....
29..	57.73	56.08	25.5	32.6	93	64	NE 1	E 2	4	4	.....
30..	56.82	56.35	26.6	28.2	92	80	S 1	SW 2	8	7	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.27	57.05	25.8	30.8	92.7	68	0.9	2.1	6.1	5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17.5

MASBATE.

[ϕ=12° 22′ N; λ=123° 36′ E; barometer above sea, 3.5 meters; gravity correction not applied, −1.79 mm.]

MAY.

Day	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	57.62	56.58	24.8	32.5	95	63	Calm		NE	2	6	6	.....
2..	57.82	56.98	26.5	33.4	94	54	Calm		E	2	8	5	.....
3..	57.38	56.32	26.8	27.2	90	87	NE	2	Calm		8	7	.....
4..	57.97	56.92	26.5	27.5	94	85	Calm		Calm		6	9	2.8
5..	58.14	57.30	26.6	31.	8	92	E	1	NE	2	7	5	.....
6..	58.29	56.25	26.4	28		92	Calm		SSE	2	7	7	2.5
7..	58.22	56.32	25.6	32.2	97	57	SW	1	NE	2	5	7	.....
8..	58.14	57.45	25.6	27.6	97	79	Calm		SW	2	5	4	.....
9..	58.85	56.99	26.6	30.8	92	74	SW	1	NE	1	6	6	14
10..	59.19	57.03	25.6	28.6	92	82	N	2	SE	3	8	10	10.2
11..	57.67	55.95	25.6	29.6	93	78	SW	2	SSE	3	8	8	.8
12..	58.77	57.74	25.5	26.5	86	86	SW	3	SW	3	6	9	.....
13..	59.09	57.91	26	30	90	71	Calm		SW	2	6	5	1
14..	59.67	58.41	26.5	32.2	94	55	W	1	NE	2	7	6	.8
15..	60.36	58.64	27.2	32	4	92	55	SW	1	ESE	3	6	3
16..	59.92	58.28	27.2	31.5	83	64	NE	1	NE	3	4	4	.....
17..	59.55	58.19	26.4	30.2	82	68	Calm		Calm		2	6	.....
18..	59.65	59.18	27.8	29.6	83	75	NE	3	NE	1	6	7	.....
19..	59.36	58.15	27.4	30.6	80	60	NE	2	NE	3	4	7	.....
20..	57.65	57.96	27.4	27.2	87	86	NE	2	E	3	6	10	18.5
21..	57.93	57.03	25.4	30	97	74	E	1	E	3	6	6	.3
22..	58.54	58.12	25.5	26.5	96	92	Calm		NE	3	9	10	2.3
23..	59.04	58.65	25.2	26.5	92	86	Calm		SW	2	7	8	.....
24..	58.87	57.92	25.6	25.8	98	92	Calm		SW	3	8	10	.3
25..	58.57	57.45	26.2	27.5	92	77	Calm		SW	3	6	8	.3
26..	58.77	57.40	25.6	28	93	80	SW	2	SW	3	5	5	1
27..	59.24	58.01	25	6	31.6	92	66	SW	1	NE	1	7	7
28..	58.37	57.48	26.5	29.5	90	75	E	1	NNW	2	8	9	.....
29..	58.58	56.69	26	30	96	75	SW	1	SW	3	7	7	24.6
30..	58.64	57.10	25.6	30.2	93	70	SW	3	SW	2	9	8	7.7
31..	58.72	58.05	25.8	26.6	97	90	SW	1	SW	2	9	8	9.1
Mean	58.66	57.50	26.2	29.4	91.6	74.2		1		2.1	6.5	7	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	96.2

JUNE.

Day	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	59.07	57.82	26	25	95	93	Calm		SW	2	9	9	3
2..	58.20	57.08	26.4	30.8	94	71	NE	1	E	2	9	7	.....
3..	57.54	56.48	27.4	31	86	69	Calm		E	2	6	5	.....
4..	57.30	56.68	27.2	29.8	84	74	NE	2	NE	2	7	6	.....
5..	58.37	57.75	27.6	31.4	87	74	NE	2	E	2	6	6	.....
6..	59.30	57.83	27.5	32	88	60	Calm		E	2	7	4	.....
7..	58.60	57.85	27.8	29.8	83	69	NE	1	E	2	5	7	.....
8..	58.79	57.90	27.2	29.2	83	78	NE	2	SW	3	6	6	2.6
9..	59.32	58.20	26	30.6	92	64	SW	1	NE	2	4	8	.....
10..	59.27	57.76	25.6	29.6	93	74	E	1	SW	3	6	6	.....
11..	58.62	57.65	26.8	30.8	87	63	NE	1	NE	3	8	6	.....
12..	57.80	56.86	27	32	86	63	NE	1	NE	2	7	6	.....
13..	58.27	57.16	28	27	79	81	E	2	SW	3	5	4	.....
14..	58.50	57.13	27.6	30.6	79	62	E	2	E	3	4	5	4.8
15..	59.10	57.85	24.8	32.2	98	60	Calm		E	1	8	6	.....
16..	58.37	57.01	27.4	33	89	60	E	1	E	2	6	4	.....
17..	57.67	56.06	27.4	32	87	66	Calm		S	2	4	4	.....
18..	57.29	56.87	25.6	28.4	90	85	SW	2	NE	1	6	10	7.9
19..	58.87	58.60	25.6	29.6	92	74	Calm		NNW	1	7	8	.....
20..	59.44	58.57	25.6	28.6	93	78	SW	2	SW	3	4	6	1.3
21..	58.99	58.33	26.6	28.6	92	75	Calm		SW	3	3	6	.....
22..	58.32	56.78	25.6	28.2	95	77	SW	1	SW	4	5	5	48
23..	58.02	56.09	24.8	30.2	95	68	SW	3	NE	2	10	8	.....
24..	57.54	57.67	26	30.2	90	74	SW	2	SW	2	9	9	1
25..	57.22	55.85	25.2	29.4	94	75	SW	2	NE	2	8	9	13
26..	56.37	56.29	24.4	25.2	97	90	SW	2	SW	3	10	10	10.4
27..	57.92	57.43	25	30.2	95	64	Calm		SW	3	10	7	.....
28..	59.27	58.62	25.2	28	94	82	SW	1	SW	3	8	9	20.8
29..	60.17	57.70	26	30.6	96	65	SW	2	NE	2	7	3	.....
30..	58.33	56.43	26.6	32.4	90	64	NE	1	E	1	6	6	4.3
31..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	58.39	57.34	26.3	29.9	90.1	71.6		1.2		2.3	6.7	6.5	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	117.1

JULY.

Day	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.c*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	57.69	56.80	25.6	29	95	72	SW	2	SW	1	8	6	6.1
2..	57.64	56.74	25.4	30	95	68	SE	1	SW	3	7	7	1.5
3..	57.47	56.18	26.2	30.5	86	67	SW	2	SW	3	4	6	.....
4..	56.37	56	27	29.4	87	67	SW	3	SW	3	9	10	7.1
5..	55.64	55.05	27.2	30.2	83	68	SW	4	SW	3	8	8	.....
6..	56.24	55.30	26	29.6	88	71	SW	2	SW	3	8	10	.5
7..	56.47	55.73	26.2	30.6	92	69	SW	1	SW	3	8	9	.....
8..	56.32	56.05	25.8	27	92	92	SW	1	SE	1	10	10	18.8
9..	56.67	55.23	25.6	30.6	95	67	SW	1	SW	3	10	6	.....
10..	56.07	55.35	26.5	29.2	79	76	SW	4	N	2	10	9	3.8
11..	56.38	55.20	26.8	30.2	87	71	S	2	SW	3	10	10	.....
12..	56.24	55.42	27	29.8	87	70	SW	3	SW	3	8	9	8.7
13..	57.02	55.40	26.2	30.5	92	68	N	1	SW	3	10	6	.....
14..	56.63	55.31	26.2	29.4	90	74	SW	2	SW	3	10	6	.....
15..	56.02	55.57	26.4	28.8	92	79	SW	2	N	1	9	10	2.3
16..	54.97	54.92	26.4	24.8	89	92	W	2	S	4	10	10	5.3
17..	56.29	56.39	24.6	29	93	74	S	1	SSW	3	10	9	35.5
18..	56.62	55.54	25.6	30	95	66	SW	1	SW	3	6	6	.5
19..	57.14	56.34	26.4	31.4	89	67	SW	1	NNW	1	8	8	.....
20..	58.04	57.45	25.6	28.2	90	77	S	1	S	2	8	9	.....
21..	57.79	57.44	25	24.	5	96	92	SW	1	SW	1	7	10
22..	59.02	58.14	24.2	26.5	97	83	SW	2	SW	3	10	8	18
23..	59.84	58.83	24.6	24.8	92	90	Calm		SW	3	7	10	.3
24..	58.89	58	24.8	28.6	90	75	SW	1	SW	2	10	10	.3
25..	58.32	57.13	24.5	30.2	96	68	SW	2	SW	3	10	8	4.3
26..	57.28	56.58	26.6	30.2	84	62	SW	3	SW	4	6	8	.....
27..	56.62	55.58	26.4	29	81	74	SSW	1	SSW	4	7	7	.....
28..	56.44	55.39	26.6	30.6	84	63	SW	2	SW	3	6	8	.....
29..	56.95	55.82	26.8	30.8	82	63	SW	2	SW	3	8	6	.....
30..	57.24	56.83	26.6	31	84	63	SW	3	SW	3	10	6	.5
31..	57.43	56.88	26.6	30.4	86	66	SW	3	SW	3	7	6	1.3
Mean	57.02	56.21	26	29.2	89.3	72.7		1.8		2.7	8.4	8.1	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	129.5

AUGUST.

Day	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	57.97	57.34	25.8	29.6	89	64	SE	1	SW	3	8	8	.....
2..	57.74	56.83	26.6	30.6	89	68	SW	3	NNW	2	7	6	.....
3..	57.20	56.85	26	30	92	68	SW	2	SW	3	8	10	2.8
4..	57.42	57.69	25	26	95	87	SSE	2	SW	2	10	10	21.8
5..	58.51	57.45	24.4	29.6	92	72	SW	1	SW	2	10	7	.....
6..	58.69	57.60	25.2	30.2	92	68	SW	2	SW	3	7	7	.....
7..	57.57	56.10	25.5	30.5	93	65	SW	1	NNW	3	6	7	23.6
8..	56.19	55.56	25.2	28.5	92	75	SW	1	SW	1	6	7	.....
9..	57.39	56.58	24.6	30.5	92	65	Calm		SW	2	8	7	7.1
10..	57.69	56.40	25	30.6	96	63	SW	2	SW	3	10	6	.5
11..	56.97	56.88	26.6	31	89	62	SW	1	SW	4	6	5	.....
12..	57.84	57.15	26.2	....	89	.....	SW	1	SW	2	7	7	20.3
13..	58.82	56.64	26	31	92	65	SW	1	NNW	2	8	6	.....
14..	57.27	56	25.8	30.5	95	72	SW	2	NNW	3	7	6	.....
15..	56.55	55.38	26.4	30.2	93	69	SW	1	SW	3	7	7	3.8
16..	54.87	53.55	25.6	30.2	90	70	SW	3	W	3	10	8	.3
17..	53.42	53.50	27.6	28.2	79	79	SW	5	SSW	5	9	10	22.6
18..	55.19	55.55	26.8	28.2	84	73	S	4	SSW	4	9	10	.....
19..	57.04	56.60	26.8	30	78	70	SSW	3	SSW	3	7	8	6.1
20..	57.57	57.25	26	30	92	65	SW	1	SW	3	8	10	.....
21..	59.07	58.37	25.5	30.5	91	62	SW	2	S	2	4	6	.....
22..	59.57	57.96	26	31.8	92	65	SW	1	NNE	2	5	5	.....
23..	59.05	58.33	26	31.4	90	66	SW	2	ESE	2	5	10	.....
24..	60.07	58.85	25.8	31.8	92	54	S	1	E	2	3	6	.....
25..	59.90	58.62	26.6	27	80	84	W	1	E	1	4	8	42.7
26..	58.90	57.80	25.2	24.4	92	90	S	1	W	3	5	10	9.1
27..	58.12	56.85	25.2	30.2	93	69	S	1	N	2	4	4	17.5
28..	59.05	57.48	25.6	30	88	78	S	2	N	1	5	6	.....
29..	57.62	56.38	25.5	30.5	92	71	SW	3	N	1	6	7	.....
30..	56.04	55.37	26	26.2	89	87	SW	2	SW	3	7	10	.....
31..	55.39	54.62	25.2	29	93	75	SW	3	SW	3	7	7	1.3
Mean	57.57	56.69	25.8	29.6	90.2	70.7		1.8		2.5	6.9	7.5	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	179.5

MASBATE.

[ϕ=12° 22′ N; λ=123° 36′ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.79 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	56.39	55.92	26.5	27	84	88	SW	3	SW	3	10	10	21.6
2	57.29	56.50	25.5	28.8	88	72	S	2	S	4	8	7	.....
3	57.24	56.08	25.5	29.6	89	71	SW	2	N	2	8	8	1.8
4	56.72	56.05	26.2	28.8	78	72	S	2	WNW	3	10	10	18
5	56.55	55.65	25.2	30	92	60	SSE	2	NW	4	10	8	4.1
6	57.32	56.87	25.2	28.8	90	76	S	4	NW	2	7	9	.5
7	57.79	56.43	25	29.8	93	63	SW	1	SW	3	9	7	.....
8	56.64	56.15	25.5	25.8	92	93	SW	1	NW	3	9	10	52.6
9	56.65	56.59	25.6	26.4	93	89	SW	2	SW	3	10	10	3.3
10	57.27	56.55	26.2	28.5	85	70	SW	1	SW	4	9	10	6.4
11	57.85	56.70	25.6	30.4	88	64	SW	2	SW	3	10	7	.3
12	58.27	57.28	24.8	31.4	93	68	Calm		SE	2	8	7	.....
13	58.97	58.80	25	26.6	88	84	SW	2	E	2	7	10	.3
14	58.52	57.85	24.6	29	95	81	SW	1	E	1	7	7	.5
15	59.53	57.88	25.6	31	95	71	SE	1	NNE	1	2	5	.....
16	58.19	56.70	26.2	29.6	92	71	Calm		N	1	8	8	.....
17	57 09	56.84	26.2	26.4	89	84	SW	1	SW	3	9	7	28.2
18	58.79	57.78	24	30.4	88	73	S	1	N	1	3	6	3.3
19	59.09	57.23	25.6	30.4	92	65	Calm		N	1	10	8	.8
20	58.10	56.90	24.6	29.2	91	70	Calm		E	1	9	8	.5
21	58.69	58.19	24.8	26.6	92	90	Calm		SE	1	10	10	22.1
22	58.99	58.24	24.4	26.2	91	84	SW	2	WSW	2	8	8	.5
23	58.79	56.70	25	29.2	95	73	SE	1	N	2	10	7	34
24	58.59	56.20	25	28.6	93	78	SW	3	N	2	10	8	.....
25	56.82	55.25	25	29.4	88	74	SW	2	N	3	7	8	.....
26	56.42	55.63	25	30.4	95	63	SW	2	SW	3	8	8	1.5
27	57.14	56.20	27	29.2	80	71	SW	3	SW	3	7	8	.....
28	56.79	56.02	26.4	29.2	84	75	SW	3	SSW	3	7	7	13
29	57.27	57.03	25.6	29.5	84	69	SSW	3	SW	2	10	10	.....
30	57.69	57.20	25.5	27.6	91	83	SW	1	SW	2	7	9	.....
31	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	57.72	56.78	25.4	28.8	89.6	74.8	1.6		2.3		8.2	8.2	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	213.3

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	58.94	57.25	25	29.2	92	73	Calm		N	2	8	7	6.6
2	58.57	56.90	24.2	26.2	94	84	SW	1	SW	3	8	7	2.5
3	58.03	56.42	24.6	29.2	92	74	SW	1	N	2	8	8	15.2
4	57.02	55.47	25.6	26.2	87	82	SW	2	NW	2	10	10	73.4
5	55.69	54.10	24.2	27.2	91	77	W	2	W	4	10	10	79.2
6	53.69	52.51	25.2	25.2	92	90	W	1	SW	4	10	10	37.1
7	53.44	53.07	25.2	28	92	74	SW	4	SW	4	10	10	2.3
8	55.19	54.55	25.4	28.4	90	72	SW	2	SW	4	9	8	1.8
9	56.98	56.45	24.8	28.5	90	68	Calm		SW	3	10	10	1.5
10	57.79	57.05	24.8	27.6	93	84	SW	1	N	2	9	8	.5
11	58.84	57.20	24.2	30.4	93	66	Calm		E	1	8	7	.....
12	58.69	57.75	26	30.2	90	66	N	1	E	2	8	7	2
13	59.62	58.60	25	28.4	95	85	E	1	E	2	7	7	15.8
14	59.62	57.88	25	31.2	93	66	Calm		S	1	10	6	.....
15	59.14	57.70	25.2	29	93	71	Calm		SW	2	9	8	.....
16	58.69	56.55	25.8	29.8	90	70	E	1	E	2	7	7	15.2
17	56.67	55.17	25.4	27.6	87	83	N	1	N	2	10	8	.3
18	56.74	55.30	26.6	29.6	83	72	N	2	N	2	8	7	3.6
19	57.17	55.85	24.6	28.5	95	78	SE	1	N	2	7	7	1.8
20	57.72	56.22	25	28.8	93	76	Calm		E	1	7	7	3.8
21	57.89	56.18	25	27.8	95	82	E	1	SW	2	7	7	6.4
22	57.87	57.10	25.6	28	95	79	Calm		W	2	8	9	1.5
23	58.59	57.10	25	29	95	78	Calm		E	2	9	9	.8
24	58.89	57.03	25.8	30.2	88	66	E	1	E	2	7	7	.....
25	58.57	56.15	25.6	30.6	92	65	Calm		E	2	8	6	.....
26	57.89	55.59	26.4	30.6	92	65	SW	2	E	1	7	4	.....
27	57.07	55.70	25.6	30.5	95	66	SE	1	SW	3	6	7	.....
28	57.97	56.93	26	30.6	92	62	Calm		SE	2	7	5	.....
29	58.87	57.60	26	29	89	76	E	1	NW	1	4	9	1.1
30	58.17	57.40	26.2	28.5	85	77	N	3	NE	2	9	9	1.5
31	57.44	56.37	25.6	28.5	90	78	NE	2	NNW	3	9	7	5.6
Mean	57.66	56.29	25.4	28.8	91.4	74.4	1		2.2		8.2	7.7	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	279.5

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	56.93	56.07	24.8	28.6	95	77	SE	1	NNE	2	7	8	3.5
2	57.39	56.52	26	28.6	90	77	Calm		E	3	7	9	.3
3	57.89	56.97	25.8	26.5	88	88	E	2	E	1	7	10	3.3
4	58.72	57.72	24.8	29.4	90	74	SE	1	E	2	9	7	1.8
5	58.94	57.62	25.8	26.8	87	83	N	3	N	1	10	10	13
6	59.17	58.45	25.2	25.4	87	87	N	3	E	3	10	10	1.8
7	59.12	58.07	26.4	26	86	87	N	2	E	3	10	10	13
8	59.24	57.70	25.6	28.4	88	78	E	1	NNW	3	8	7	2.3
9	57.09	54.52	26.4	26.6	86	87	NNW	3	NNW	3	10	10	18.8
10	57.24	56.45	25	28.2	93	76	E	1	SW	2	8	7	.....
11	57.54	56.48	24.5	29.5	96	77	E	1	NE	2	4	4	31.5
12	58.39	56.66	25	28.5	96	78	SW	1	NW	2	6	7	11.2
13	58.72	57.12	26	28	87	80	NNW	4	NNW	3	9	9	1.8
14	56.79	55.94	25.5	26.6	91	86	NNW	5	N	4	10	10	23.1
15	57.29	55.85	25.8	28	88	82	NNE	3	NW	3	10	7	.5
16	56.99	56.54	26.2	25	85	89	N	3	NE	3	10	10	12.2
17	57.99	56.74	24.5	26.6	94	87	Calm		E	1	10	10	5.1
18	57.94	56.10	24.2	29.2	95	72	SE	1	E	2	8	6	.....
19	57.47	56.10	24.2	28.6	95	80	Calm		SE	1	7	7	.....
20	58.62	57.02	25	29	92	81	SW	1	E	2	7	6	.....
21	59.27	57.92	25.2	30.4	95	70	SW	1	NE	2	6	4	.....
22	59.24	57.79	26.2	26	85	89	N	3	NE	2	10	10	4.6
23	58.09	56.50	25.2	27.5	87	81	NE	1	NE	2	8	10	1.3
24	57.57	56.28	25.8	26.6	88	84	N	2	NE	3	8	10	7.9
25	57.57	56.72	25.6	27.2	91	87	NE	2	E	1	10	10	3.6
26	58.43	57.15	24.6	28.8	97	69	Calm		N	2	10	10	.....
27	58 54	56.90	24.5	28.8	96	73	Calm		SE	2	8	7	40.6
28	59.52	58.30	24.8	29.8	95	75	Calm		SE	2	8	7	.....
29	60.07	59.33	25	30.4	95	60	E	1	E	2	7	4	.....
30	60.05	58.85	25.5	29.4	89	71	E	1	E	2	8	4	.....
31	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	58.26	57 01	25.3	28	90.9	79.5	1.6		2.2		8.3	8	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	201.2

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	59.97	58.34	24	29	91	64	E	1	ESE	2	2	3	.....
2	59.90	58.50	24.4	29.2	92	70	SW	2	NE	2	6	5	.....
3	59.67	58.72	25.2	29.5	92	69	Calm		N	1	6	8	.....
4	59.93	58.83	25.2	30.2	86	65	NE	2	NE	2	6	4	.....
5	59.70	58.35	26	26.8	81	81	NE	3	N	3	7	7	6.9
6	57.94	55.68	25.8	29.4	87	71	NE	2	E	2	7	8	.....
7	56.44	54.67	26.5	27.6	84	77	N	3	NNW	3	8	7	.8
8	55.45	54.52	26.5	27.2	84	83	NNW	3	NW	3	10	10	36 3
9	56.79	56.12	25.4	27.4	90	85	SE	2	E	1	7	8	8.4
10	57.82	55.92	24.6	30.2	97	65	Calm		NE	2	6	7	.....
11	57.49	55.80	25.2	29.6	93	75	Calm		E	2	7	7	.....
12	57.39	57.07	25	28.5	92	78	NE	1	N	2	8	7	1
13	58.29	57.40	25.5	28.8	93	78	NE	1	NNW	3	7	4	.....
14	57.77	57.77	24	29.4	97	72	SE	1	NNW	2	6	4	.....
15	58.47	57.02	24.2	29	95	74	Calm		NNW	3	7	7	.....
16	57.40	56.07	25.4	29.4	92	75	Calm		NNW	3	6	6	.5
17	57.69	56.55	24.5	29.4	92	74	NE	1	N	1	7	7	.....
18	58.57	57.40	24.6	29	93	79	E	1	NNW	3	8	5	1.8
19	58.97	57.97	25	28.5	93	75	Calm		NE	2	10	9	2.8
20	58.32	57.37	25.5	28.5	89	71	NE	1	E	3	9	7	.....
21	58.92	56.90	25.2	28.2	92	74	E	1	E	3	8	8	.....
22	58.54	57.22	24.5	30.2	94	66	E	1	NNW	3	4	6	.....
23	57.79	56.90	25.2	29.8	87	69	NE	1	NE	2	7	7	6.6
24	57.65	56.49	26	24.2	88	93	NE	2	NE	1	7	10	9.9
25	56.92	55.40	25	29	93	74	W	1	NE	2	9	6	20.6
26	56.39	55.09	25	26.2	92	89	NE	2	NNW	4	10	10	18.3
27	56.74	56.34	23.8	25.6	97	84	NE	1	N	3	10	10	2.6
28	57.16	56.86	23.8	23.4	91	97	NE	3	N	3	10	10	34.3
29	57.91	56.84	24	26.6	90	83	N	3	N	3	10	8	.8
30	57.14	56.79	24	27.2	96	78	NW	3	NW	4	10	8	13.7
31	58.86	58.46	23.6	23.5	95	92	N	3	NW	4	10	10	42.4
Mean	58	56.88	24.9	28.1	91.2	76.8	1.5		2.5		7.6	7.2	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	207.7

ROMBLON.

[ϕ=12° 35′ N; λ=122° 16′ E; barometer above sea, 12.15 meters; gravity correction not applied, —1.78 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	58.23	57.66	25.8	29.9	95	78	NE	1	NE	3	10	7	2.8
2..	58.91	57.97	25.2	29.8	94	76	NNE	1	NNW	2	10	7	.....
3..	59.25	58.63	24.1	29.8	99	77	Calm		N	3	6	6	6.4
4..	60.52	60.21	25.2	25.8	90	91	NE	3	NE	2	9	10	9.2
5..	62.62	62.43	24.5	27.4	90	74	NE	6	NE	4	9	10	6.1
6..	63.54	62.62	24.2	26.6	77	74	NNE	4	NNE	3	10	10	.3
7..	62.52	61.62	24.7	29.5	79	72	NE	3	NNE	1	7	8	4.1
8..	62.64	62.32	24.4	25.1	81	90	NNE	2	SE	2	10	10	5.3
9..	63.37	62.56	24.9	29	87	75	N	4	NNE	3	10	10	.....
10..	63.18	62.31	25	29	88	74	N	3	NNE	3	9	7	11.4
11..	63.50	62.24	23.9	24.5	91	88	N	5	N	4	10	10	27
12..	62.49	60.13	23.4	28	97	79	NNE	3	NNE	4	10	7	13.2
13..	60.88	59.95	24	28.2	96	85	NNE	3	NNE	2	8	10	6.2
14..	60.52	59.41	24.3	26.6	91	86	N	3	NE	2	10	10	5.9
15..	59.87	59.18	24.6	29.6	94	74	NNE	2	NE	2	7	3	2.5
16..	59.75	58.75	24.5	28.4	92	80	NNE	4	NNE	3	7	8	.6
17..	59.94	58.67	24.5	29.2	92	80	N	3	NNE	3	10	7	3.8
18..	59.19	57.10	25.1	28	92	83	N	3	NNW	4	10	9	.....
19..	58.46	57.30	25.2	26.5	90	85	N	1	N	4	10	10	3.6
20..	58.01	57.04	24	27	97	84	NNE	1	N	2	10	10	9.2
21..	58.01	57.13	24	27.7	100	87	Calm		NE	1	10	9	30.2
22..	58.58	57.31	23.7	26.6	96	86	NNW	1	NNE	4	10	10	13.7
23..	58.46	57.63	23.9	27	100	88	Calm		NNE	2	10	9	28.4
24..	58.65	58.20	24.1	27.3	96	85	N	1	N	2	10	9	5.1
25..	59.12	59.07	24	24.4	95	92	N	1	ENE	2	10	10	35.3
26..	59.96	58.65	24.2	27.6	94	81	Calm		ENE	3	10	9	9.7
27..	59.70	58.18	24.4	27.6	93	80	N	4	E	3	10	8	2.8
28..	58.71	58.51	24.9	24.2	88	94	N	3	Calm		4	10	15.5
29..	58.82	58.44	24	28.9	96	76	NNE	1	NE	2	10	6	5.3
30..	59.91	58.73	23.4	27	97	80	NE	3	NE	3	10	9	1 8
31..	59.11	58	23.3	25.4	95	92	NNE	1	NNE	1	9	10	4.8
Mean	60.21	59.29	24.4	27.5	92.3	82.1	2.3		2.5		9.2	8.6	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	270.2

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	59.13	57.90	23.1	25.6	96	87	NNW	4	NNE	3	10	10	5.1
2..	58.88	57.86	23.6	26	94	84	NE	4	NE	3	10	9	35.3
3..	59.53	59.35	23.3	25	97	92	NNE	2	NNE	3	10	9	1.3
4..	60.65	60.14	24.1	26.4	91	83	ENE	3	ENE	2	10	9	.8
5..	61.19	60.69	24.1	27.7	91	79	ENE	2	ENE	2	8	7	6.9
6..	61.59	61.29	24.2	26.6	93	86	ENE	1	NNE	2	9	8	.....
7..	61.63	60.79	25.1	26.6	86	91	NE	4	N	1	7	9	4.2
8..	61.43	60.14	24.3	29.8	97	76	Calm		NE	3	9	6	.....
9..	60.99	59.79	24.5	29.9	98	67	NE	1	N	2	7	7	.5
10..	61.09	60.29	23.9	26.9	91	74	N	2	NNE	4	10	7	.....
11..	61.25	59.87	24.1	26.7	87	81	NNE	2	NNE	3	9	9	25.8
12..	61.40	60.28	22.8	26.6	97	81	Calm		N	2	10	7	16.9
13..	61.02	60.28	24.6	27.5	91	80	N	3	NNE	3	10	9	7.6
14..	61.41	60.88	22.6	24.8	97	83	NNE	4	NNE	4	10	10	56.4
15..	61.79	60.38	22.5	26	96	88	N	3	NE	1	10	9	12.7
16..	60.57	59.55	24.5	28.7	92	76	Calm		ENE	2	10	8	1.7
17..	59.71	58.24	24	29.1	96	77	Calm		NNE	1	9	8	1.1
18..	58.25	57.12	25.1	30.1	89	73	ENE	3	ENE	3	9	8	2.3
19..	57.10	56.81	25	26.1	92	92	NE	1	E	1	10	10	45.7
20..	58.46	59.25	22.4	25.5	98	84	Calm		NNE	3	7	10	23.1
21..	61.04	60.49	23.9	26.4	84	79	N	4	N	3	8	10	.5
22..	61.25	60.28	24	28.7	83	71	N	2	N	3	10	9	.3
23..	60.40	59.10	23.9	26.7	86	79	N	2	NNW	3	10	8	.....
24..	58.94	58.31	24.6	26.8	87	84	N	2	N	2	10	8	7.2
25..	58.46	57.99	24.2	28.9	95	79	NNW	2	NNE	2	10	8	2.3
26..	58.51	57.33	24.6	29.7	95	71	N	2	NE	3	10	2	.3
27..	57.74	56.91	25.1	30.1	92	73	NE	2	NE	3	10	6	.....
28..	57.69	56.91	25.1	31	88	69	NNE	1	NE	3	9	6	.3
29..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
30..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
31..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	60.04	59.22	24	27.5	92.1	80	2		2.5		9.3	8.1	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	258.3

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	58.24	57.41	25	30.5	92	72	N	2	N	2	9	6	.....
2..	58.24	57.08	25.1	30.1	91	75	N	1	NNE	3	3	3	.....
3..	58.20	57.22	25.2	29.9	91	75	N	2	NE	3	7	6	.....
4..	56.80	56.46	25.6	30.4	91	76	N	1	NE	3	3	7	.....
5..	58.08	57.14	26	28	90	82	NNE	3	NE	2	10	9	1
6..	58.79	57.76	26.4?	30.5	86?	73	N	2	NE	3	9	3	1.3
7..	58.92	57.87	24.2	28.5	95	81	NNE	2	ENE	2	10	6	19.6
8..	58.16	56.99	23.6	30.4	95	75	NNE	1	NE	3	7	7	.3
9..	57.74	57.54	25	28.3	92	79	NNE	2	ENE	3	9	7	1
10..	58.72	57.72	25.2	30.7	92	74	ENE	2	ENE	3	9	3	2.5
11..	58.35	58.18	26?	27	85?	84	NNE	3	N	2	7	10	.6
12..	57.91	57.33	24.6	29.9	92	76	Calm		NNE	2	3	7	.....
13..	57.99	57.81	23.5	29.3	97	81	N	2	NE	1	10	10	6.3
14..	58.95	59.08	24.6	29	95	78	Calm		N	3	10	9	.....
15..	60.33	59.77	24.6	30.6	91	72	N	1	NE	2	7	3	.....
16..	60.72	59.23	25	30.2	83	74	NNE	4	NE	3	4	7	.....
17..	59.98	58.57	25.2	29.6	92	78	NNE	3	NE	2	9	8	1.5
18..	60.04	59.26	25	31.3	92	72	N	1	ENE	4	7	7	.6
19..	59.51	58.46	25.1	31.2	95	74	N	1	N	2	10	6	.....
20..	59.43	58.95	25.6	30.6	91	74	ENE	2	NNE	2	9	7	.....
21..	60.04	59.72	24.2	31.4	97	72	NE	1	ENE	3	8	7	.....
22..	61.04	60.27	25.2	31.3	92	68	NNE	1	ENE	3	10	7	1.3
23..	60.04	59.55	24.8	30.8	89	60	N	1	ENE	3	8	2	.....
24..	59.43	59.01	25.5	31.3	80	64	N	2	NE	3	8	4	2
25..	59.79	59.80	25.5	27.6	80	74	ENE	2	NE	2	7	8	10.4
26..	59.51	58.92	24.6	27.2	88	78	NE	1	NE	2	8	10	.3
27..	60.18	59.68	24.5	28.5	91	76	NE	1	NE	1	9	10	.....
28..	60.47	60.30	25	31.4	92	62	NE	4	NE	2	9	2	.....
29..	61.12	60.18	25.6	31.5	84	65	NE	2	N	3	3	2	.....
30..	60.53	59.03	25.5	30	88	50	NNE	1	N	2	7	6	.....
31..	59.71	58.76	24.2	30.7	94	64	ENE	1	NNW	4	7	3	8.1
Mean	59.26	58.55	25	29.9	90.4	72.8	1.7		2.5		7.6	6.2	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	56.8

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	60.13	58.39	24.6	31	96	69	NE	1	NNW	1	9	6	22.1
2..	58.99	57.88	25.6	31.5	90	70	NE	2	NE	2	8	7	7.2
3..	58.94	57.93	26.1	31.1	83	66	ENE	1	NNE	2	7	7	.....
4..	58.84	58.38	25	31.1	88	66	ENE	1	ENE	2	2	6	5.3
5..	58.96	58.15	25.5	30.5	88	68	E	3	NE	3	3	8	.....
6..	58.45	57.77	26.6	30.5	83	69	NE	2	ENE	3	9	6	.....
7..	58.26	57.16	25	32.2	88	65	NNE	1	N	2	8	2	5.2
8..	57.40	56.58	24.5	29	96	78	Calm		NE	2	9	10	7.7
9..	58.05	56.65	25.1	31.9	95	67	E	1	NE	2	6	6	.....
10..	58.61	57.23	26.2	32.1	85	66	N	1	NE	2	7	4	4.3
11..	57.41	56.30	24.5	29.4	96	76	SE	1	E	1	3	9	2.3
12..	56.94	56.02	24.2	28.8	97	80	Calm		Calm		4	9	1.5
13..	57.61	57.41	23.4	32.1	97	63	Calm		N	2	2	7	.....
14..	58.76	57.76	21.4	30.1	96	71	Calm		NE	1	2	9	.....
15..	58.67	56.75	23.5	32	97	69	Calm		SE	1	2	8	.....
16..	57.86	56.18	23.5	31.2	97	68	Calm		NE	1	3	8	.....
17..	57.96	56.62	23.6	31.5	98	69	Calm		NE	1	2	8	.5
18..	58.15	57.16	24.6	30.1	95	70	SE	1	NE	2	2	9	.....
19..	58.14	57.05	27.1	31.3	84	64	NE	3	NE	2	8	7	.....
20..	57.84	56.90	26.5	30.7	84	71	ENE	2	NNE	2	3	8	.....
21..	57.11	56.47	26.4	31.8	84	62	NE	2	E	2	3	2	.....
22..	57.36	56.51	24.6	28.9	92	78	SE	1	NNW	2	3	9	.....
23..	56.64	56.86	25.1	32.3	95	60	SE	1	N	3	6	3	.....
24..	58	57.15	23.2	33.1	97	63	Calm		N	2	2	3	.....
25..	58.04	57.51	24.6	31.8	97	62	SE	1	NE	3	3	3	.....
26..	57.65	57.06	27.4	32.7	82	64	NE	3	NE	1	5	3	.....
27..	57.36	56.92	25.6	33.1	92	61	SE	1	NNE	2	3	3	.....
28..	57.36	56.36	24	32.9	96	62	Calm		NNE	3	3	5	4.5
29..	57.74	56.01	25.6	32.3	91	62	SE	1	NE	2	9	2	5.6
30..	56.61	56.17	25.2	32.4	94	68	SE	1	S	1	5	9	1.3
31..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	57.99	57.04	24.9	31.3	91.8	67.6	1		1.8		4.7	6.2	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	67.5

ROMBLON.

[ϕ=12° 35′ N; λ=122° 16′ E; barometer above sea, 12.15 meters; gravity correction not applied, —1.78 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.70	56.25	24.3	33.9	97	60	Calm	NE 2	6	3	.....
2..	57.57	56.95	27	33.7	89	56	Calm	NE 3	7	4	.....
3..	57.10	56.05	26	29.5	93	77	Calm	Calm	7	9	17
4..	57.64	56.77	24.5	30.9	97	73	Calm	NE 1	5	9	8.3
5..	57.70	57.07	24.7	32.5	97	63	SE 1	NE 2	6	6	.....
6..	58.12	56.75	24.7	31.9	95	63	Calm	SW 2	5	6	.....
7..	58.14	56.97	24.7	31.5	97	70	E 1	N 2	8	9	.....
8..	57.70	56.94	24.6	29.1	97	80	SE 1	NE 1	7	8	.....
9..	58.64	57.05	24.6	32	97	69	SE 1	NE 1	7	8	6.4
10..	59.15	56.81	23.9	33	96	61	Calm	N 2	10	7	1.1
11..	57.69	56.05	24.6	33	97	61	Calm	S 1	5	4	.....
12..	58.30	56.99	27.1	32.9	87	64	SSW 1	S 3	9	9	2.3
13..	58.67	57.60	24.5	29.9	93	79	Calm	S 1	8	9	.....
14..	59.57	58.12	24.2	32	97	66	Calm	NE 2	6	8	.....
15..	59.95	58.63	24.8	32.1	98	67	Calm	N 2	9	7	14.1
16..	59.43	58.15	25.1	32.7	95	58	Calm	NE 3	6	3	20.6
17..	59.44	58.50	23.7	28.2	97	77	Calm	Calm	8	10	1.7
18..	59.34	58.84	27.5	33.7	83	63	NNE 2	NE 2	6	6	.....
19..	58.98	57.99	27.2	34	81	60	ENE 1	NNE 3	5	4	.....
20..	57.58	57.36	26.9	31	81	70	NNE 1	NNE 2	4	9	13
21..	57.55	56.81	24.9	30.2	94	70	NE 1	SE 1	10	8	.3
22..	58.02	56.97	24	32.7	96	62	Calm	NE 2	4	4	20.6
23..	58.44	58.50	23.7	28.2	97	77	Calm	Calm	8	10	3
24..	58.72	57.72	24.2	30.4	97	74	Calm	NE 2	9	8	12.1
25..	58.34	57.08	24.8	29.4	93	78	Calm	ESE 1	10	9	15.2
26..	58.21	57.28	24	31.1	96	64	SSE 2	SSW 3	8	8	.....
27..	58.96	58.09	24.3	33	97	65	Calm	E 2	6	7	38.9
28..	58.69	57.48	24.3	30.9	97	65	Calm	NE 2	10	10	2.3
29..	58.52	56.53	23.7	30.3	98	74	Calm	Calm	6	10	43.4
30..	58.80	57.16	23.6	31	96	71	Calm	SSE 2	10	8	.....
31..	58.22	57.87	24.6	30.7	96	74	Calm	NNW 1	10	9	4.1
Mean	58.42	57.33	24.9	31.5	94.2	68.1	0.4	1.7	7.3	7.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	224.4

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.82	57.37	24.9	30.6	97	72	Calm	N 2	9	9	0.5
2..	57.88	56.57	25.6	28.7	95	78	SE 2	SE 1	6	9	.3
3..	57.22	56.25	26.1	31.1	91	71	N 1	NNE 2	6	8	.8
4..	57.02	56.41	26	33.1	93	64	N 2	NE 3	9	8	.....
5..	58.09	57.68	26.7	29.3	87	79	SE 1	S 2	3	9	.....
6..	58.85	57.98	26	32.7	84	66	S 2	NNE 2	3	7	.6
7..	58.13	57.43	25.6	34	94	59	NNW 1	ENE 3	7	5	12.1
8..	58.31	57.57	25.3	30.2	93	74	SE 1	S 2	5	9	14
9..	58.95	58.33	23.5	29.6	97	74	Calm	ENE 1	3	9	6.1
10..	58.82	57.80	25	29.4	96	72	Calm	Calm	10	10	2.5
11..	58.05	57.30	24.5	32	94	66	Calm	NE 3	10	8	.....
12..	57.30	56.83	25.4	30.7	91	70	SE 2	Calm	9	9	3.8
13..	57.93	56.47	26.6	33.7	84	58	ENE 2	N 3	9	8	.....
14..	58.31	56.74	27?	32.6	84?	64	ENE 2	NE 2	8	8	.....
15..	58.60	58.25	24.7	30.8	95	67	Calm	ENE 2	3	9	.....
16..	58.05	57	26.2	33	91	64	ENE 2	ENE 3	4	3	1
17..	57.38	55.81	24.5	30.6	96	75	Calm	S 1	2	9	5.8
18..	57.32	56.27	24.3	30.2	96	75	Calm	Calm	3	9	15.5
19..	58.92	58.35	24.5	30.7	96	69	Calm	S 3	10	6	.3
20..	58.99	58.20	24.5	33.4	97	53	Calm	S 3	7	2	.....
21..	58.44	57.41	24.6	31.1	96	74	Calm	N 2	6	9	3
22..	58.05	56.45	24.4	30.1	97	75	Calm	ENE 1	6	9	67.7
23..	57.69	56.21	24.7	31.5	91	65	S 2	S 2	8	7	1.4
24..	57.91	57.10	24	31.6	97	65	Calm	ENE 2	7	6	10.1
25..	57.24	55.83	24.1	31.5	97	64	Calm	ENE 2	6	6	12.4
26..	55.89	55.69	23.9	26	96	88	Calm	S 2	9	10	36
27..	57.05	57.36	25.3	30.5	97	72	S 1	S 1	10	10	.5
28..	58.71	58.28	24.3	29.6	97	73	Calm	SW 2	10	9	.5
29..	59.81	57.68	25.7	30.6	93	72	SE 2	S 3	10	9	.3
30..	58.24	56.70	24.3	31.6	94	66	SSE 1	N 2	7	6	41.7
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.07	57.11	25.1	31	93.5	69.5	0.8	1.9	6.8	7.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	236.9

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.56	56.98	25	29.1	96	79	Calm	N 3	10	8	18.6
2..	57.40	56.95	24.5	29.6	97	71	Calm	SSW 5	4	4	.....
3..	57.24	56.05	25.6	31.9	88	66	S 2	S 3	3	7	1.8
4..	56.30	55.86	26.7	29.5	83	71	S 5	S 4	7	10	10.7
5..	55.93	55.07	26.3	30.2	85	70	S 5	SSE 5	5	10	.....
6..	55.77	54.82	26.7	28.9	83	76	S 4	S 5	6	10	.....
7..	56.10	55.71	27.2	30.1	85	75	S 5	S 4	9	9	3.3
8..	56.03	55.15	25.5	31.1	93	73	Calm	S 2	10	9	2
9..	56.31	55.11	26.6	31	81	71	SSE 2	S 5	8	6	.....
10..	55.90	55.33	25.9	31.2	92	68	SSW 1	S 3	10	8	23.2
11..	56.30	55.08	27?	30.7	81?	70	S 6	S 5	10	10	2.1
12..	56.29	54.88	24.1	30.2	91	70	Calm	S 4	10	10	.8
13..	55.99	55.20	27.5	32.1	81	60	SE 4	S 3	10	3	.....
14..	56.21	55.05	24.5	31.1	96	71	SSW 1	NE 1	7	10	.3
15..	56.08	55.33	25.2	30	96	74	SSW 1	NNW 1	10	10	10.7
16..	55.21	54.29	25.6	26.9	92	81	N 3	N 4	10	10	56
17..	55.76	55.80	25.1	28.9	88	79	S 5	S 3	10	9	2
18..	56.21	55.51	26?	30.8	82?	64	S 2	S 3	8	6	7.1
19..	56.70	56.10	25.1	31.5	85	67	S 2	S 3	10	6	4.3
20..	57.26	57.57	25.1	31.6	87	68	S 4	S 1	9	8	.....
21..	57.20	56.66	25.5	32.3	90	65	SSW 2	S 2	8	6	3.3
22..	58.65	57.49	24.3	28.3	97	82	SSW 1	SSW 1	10	10	7.1
23..	59.41	58.31	23.3	31.3	97	68	Calm	S 3	10	7	8.2
24..	59.01	57.93	24.1	31	95	69	S 2	S 2	10	10	.....
25..	57.75	57.11	24.8	30.2	93	68	S 1	S 5	10	7	.....
26..	57.22	56.70	26.9	30.5	81	62	SSW 4	SSW 2	6	7	.....
27..	56.60	55.50	26.7	31.4	80	65	S 4	SSW 2	8	4	.....
28..	56.05	55.64	27.1	28.6	83	80	S 4	S 4	8	9	14
29..	56.66	55.93	25.3	29.6	94	75	SSE 4	SSE 3	10	10	20.1
30..	57.14	56.68	26	29	82	71	SSW 4	SSW 4	8	8	.6
31..	57.42	56.68	25.7?	30.7	83?	68	SSW 3	S 4	9	5	4.6
Mean	56.76	56.01	25.6	30.3	88.3	70.9	2.6	3.2	8.5	7.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	200.8

AUGUST.[a]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.43	56.83	25.6	31	88	65	SSW 3	SSW 4	8	3	1.3
2..	57.58	56.88	26.4	32.1	89	66	SSW 2	S 3	6	3	.....
3..	57.17	56.70	26.7	31.2	83	64	SSW 4	SSW 2	8	7	1
4..	56.82	57.21	27	25.3	84	91	SSW 3	SSW 3	10	10	4.1
5..	58.21	57.15	24.9	31	87	59	S 2	S 4	10	8	.....
6..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11..	56.54	56.64	27.1	30.5	83	68	SSW 4	SSW 4	6	4	.....
12..	57.59	56.88	25	32.3	96	63	SSW 1	SSW 3	7	3	.....
13..	58.61	56.54	24.6	32.1	98	62	SSW 2	SSW 1	4	6	.....
14..	57.30	56.05	24.4	33	98	72	Calm	N 2	3	2	.8
15..	56.13	55.36	25.1	32.5	97	60	Calm	NW 1	6	5	.....
16..	54.82	53.39	24	33	97	63	Calm	SSW 2	10	3	.....
17..	53.26	52.91	27.6	29.5	79	72	SSW 4	SSE 4	7	10	12.2
18..	55.03	55.26	25.2	25.6	91	91	S 5	S 4	10	10	41.4
19..	56.55	56.80	27	27.7	82	82	S 3	S 4	10	10	15.9
20..	57.53	56.88	26.6	30.6	84	72	SSW 3	SE 1	9	10	.....
21..	58.84	58.16	24.5	32.7	97	66	Calm	S 3	6	4	.....
22..	59.45	58.06	23.3	30.9	98	69	S 1	NNW 3	2	6	.3
23..	59.05	58.31	24.6	32	96	67	S 1	NNW 3	9	7	3.8
24..	59.80	58.88	23.6	31	97	72	SSE 1	Calm	7	9	27.2
25..	59.97	58.17	24	32.3	96	68	SSW 1	NNW 2	6	7	1.3
26..	58.74	57.02	24.1	31.5	97	69	SW 1	SSW 2	9	8	3.8
27..	58.05	57.06	24	31.8	97	70	S 1	NNW 3	7	8	.....
28..	58.74	57.40	25.1	33.2	98	64	Calm	N 2	8	7	.3
29..	57.53	56.01	24.7	31.5	98	68	Calm	ESE 2	7	5	1
30..	55.74	54.85	24	31	97	69	Calm	NW 2	8	8	7.1
31..	55.30	54.20	23.8	32	97	67	Calm	S 4	5	8	23.1
Mean	57.38	56.52	25.1	31	92.5	69.2	1.6	2.6	7.2	6.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	144.6

[a] 26 days of observation.

ROMBLON.

[ϕ=12° 35′ N; λ=122° 16′ E; barometer above sea, 12.15 meters; gravity correction not applied, —1.78 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	55.70	55.71	24.5	25.5	97	88	Calm	SSW 3	8	10	12.2
2..	56.64	55.71	25.1	29.2	88	71	S 5	S 5	10	9	.3
3..	56.93	56.10	27	30.1	80	64	S 5	SSW 5	9	9	.....
4..	56.53	55.92	26.2	28.9	81	75	SSE 5	S 4	9	10	2
5..	56.74	55.58	24.5	30.6	97	66	Calm	E 1	10	7	.3
6..	57.16	56.77	24	30.5	97	72	Calm	SSW 3	5	7	.....
7..	57.38	56.20	26	30.6	84	72	SSW 3	SSW 4	8	6	.....
8..	56.32	55.38	26.7	30.3	83	72	SSW 3	S 4	6	9	.5
9..	56.66	56.11	24.6	26	96	89	S 1	SSW 1	10	10	1.3
10..	56.90	56.23	24.5	29.2	92	83	Calm	SSW 3	10	10	1.5
11..	57.23	56.62	26.1	30.1	86	68	SSW 4	SW 5	9	6	.....
12..	57.97	57.05	26.9	31.6	83	65	S 3	S 2	7	3	.....
13..	58.71	58.07	24.5	31.1	97	68	Calm	E 2	9	8	.....
14..	58.55	57.61	24	30.9	96	71	Calm	N 2	6	7	12.5
15..	59.29	57.77	23.6	32.1	99	66	Calm	N 3	2	5	2
16..	58.30	56.75	24.3	31.7	99	66	Calm	N 4	8	6	21.3
17..	57.17	56.64	24.6	29.5	99	83	Calm	Calm	10	7	10.7
18..	58.46	57.72	23.3	31.7	99	68	Calm	NNW 3	6	7	24.1
19..	58.90	57.65	24.6	27.9	98	84	Calm	Calm	9	10	67.4
20..	58.35	56.67	24.2	29.4	98	79	Calm	NE 1	10	10	19.9
21..	58.54	57.96	24.1	28.7	99	77	Calm	ESE 1	10	9	34.5
22..	58.91	57.90	24.3	30.1	98	71	S 1	S 3	10	9	3.8
23..	58.16	57.55	24	30.5	97	67	Calm	SSW 2	10	2	.....
24..	58.37	55.88	25	31	92	70	S 1	S 2	9	9	1.5
25..	57.25	55.13	23.9	29.9	97	71	S 1	S 2	10	5	.3
26..	56.45	55.52	25	31	92	68	S 1	S 3	10	5	.....
27..	57.03	56.26	25.1	31.8	92	70	S 1	NNW 3	10	6	1
28..	56.78	55.80	26	29.8	88	73	S 3	SSW 6	10	5	6.6
29..	56.85	56.58	26	30.2	80	70	SW 5	S 4	8	8	.3
30..	57.61	57	26.1	32.5	87	65	SSW 3	S 3	9	6	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.53	56.59	25	30.1	92.4	72.4	1.5	2.8	8.6	7.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	224

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.79	57.27	25	29.5	96	72	SSW 1	S 2	9	10	15
2..	58.37	56.63	24.1	29.5	98	69	S 1	Calm	9	8	5.6
3..	58.20	56.41	24	30.6	97	72	Calm	NNW 3	10	6	.3
4..	57.48	55.46	25.6	31.1	89	67	WNW 2	WNW 2	10	7	19.2
5..	55.75	54.47	24.6	26.3	99	90	Calm	Calm	10	10	16
6..	53.93	52.50	24.6	25.6	97	90	S 2	S 3	10	10	15.9
7..	52.76	52.56	26.8	27.6	81	76	S 5	S 6	10	10	5.9
8..	54.85	53.99	25.5	29.3	88	74	S 5	S 4	10	10	4.6
9..	56.47	56.30	25.7	27.7	86	83	S 4	SSW 1	9	10	2.1
10..	57.68	57.11	23	26.6	99	91	Calm	Calm	9	10	4.4
11..	58.42	57.22	23.2	29.1	99	78	Calm	SSE 2	6	9	.....
12..	58.44	57.87	25.7	29.3	93	78	ENE 2	ENE 2	9	10	19.6
13..	59.49	58.44	23.9	25.5	99	96	Calm	Calm	8	10	17.5
14..	59.46	57.63	22.8	29.1	99	81	Calm	Calm	4	9	11.2
15..	58.82	57.40	23.1	31.5	99	68	Calm	ENE 3	10	8	.....
16..	58.46	56.50	25.5	30.6	94	72	ENE 1	ENE 3	10	8	28.7
17..	56.39	55.16	24.5	30.6	97	72	ENE 2	ENE 3	9	9	1
18..	56.69	55.53	25.6	30.5	92	72	ENE 3	ENE 3	9	7	3.9
19..	57.11	55.77	24.8	31.1	98	71	ENE 2	NNE 3	9	8	41.2
20..	57.39	56.02	25	30.4	98	70	Calm	NNE 2	9	8	11.7
21..	57.50	56	23.8	30.7	98	71	Calm	ENE 2	5	9	39.6
22..	58.01	56.43	24.1	28.5	99	85	Calm	Calm	9	9	.4
23..	58.46	56.94	24.1	27.5	99	89	Calm	Calm	10	8	14.1
24..	58.20	57.13	24.1	30.1	99	75	ENE 2	ENE 2	6	9	.8
25..	58.21	56.17	24	32	97	69	Calm	ENE 3	6	4	3.3
26..	57.16	55.56	24	31	98	69	Calm	NE 2	6	5	8.1
27..	56.66	55.67	24.4	30.3	99	74	Calm	N 2	6	8	.3
28..	57.68	56.85	25.6	31.5	95	66	ENE 3	ENE 3	3	6	.....
29..	58.66	57.48	24.1	31.7	98	71	NE 1	NE 3	8	8	25.4
30..	58.20	57.29	24.5	28	98	79	NE 2	NE 3	9	10	2
31..	57.29	56.46	25.1	31.2	89	68	NE 2	NE 3	7	7	6.6
Mean	57.45	56.19	24.5	29.5	95.7	76.1	1.3	2.1	8.2	8.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	324.4

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	56.52	56.11	24.6	30.5	95	72	NE 2	NE 2	7	8	6.1
2..	57.18	56.30	25	30.6	96	72	ENE 3	ENE 3	10	8	.1
3..	57.96	56.46	25.6	31	89	74	ENE 3	NE 3	10	9	27.7
4..	58.24	57.77	25.9	29.3	93	79	NE 4	NE 3	10	9	16.5
5..	59.11	57.30	26	27.5	89	84	NE 2	NE 3	8	10	31.8
6..	58.83	57.93	25.5	26.7	88	83	ENE 4	ENE 4	10	10	27.2
7..	58.79	58.24	25.1	25.7	93	94	NE 5	NE 4	10	10	44
8..	59.75	57.96	24.1	30.6	95	68	NE 4	NNE 3	10	8	.....
9..	57.61	55.44	26.1	27.1	87	84	NNE 4	NNE 4	8	10	3.9
10..	56.84	55.91	24.9	30.1	92	75	ENE 2	SE 1	9	8	.4
11..	57.15	56.71	26.1	30.3	86	71	NNE 2	NNE 3	8	7	.....
12..	58.33	57.10	26	29.1	88	81	N 4	N 3	8	8	42.9
13..	59.15	57.81	25.6	26.7	94	90	N 5	N 4	10	10	10.6
14..	57.71	56.69	26	27.1	83	87	N 5	N 6	9	10	28.9
15..	57.09	55.97	24.3	28	99	82	NNE 4	NNE 5	10	9	1.8
16..	57.10	56.15	25.6	30.7	81	68	N 4	N 5	9	4	21.5
17..	57.76	56.41	24	27.1	94	89	NNE 2	NNE 2	9	9	89.9
18..	57.81	56.41	24	28.4	96	82	E 4	E 2	10	9	21
19..	57.07	55.90	23.5	32.3	98	68	ESE 2	SE 3	6	7	1.3
20..	58.20	57.03	23.2	30.5	98	70	SE 1	S 2	8	7	8.6
21..	59.10	58.17	24.3	30.3	98	74	NE 2	NNE 3	8	6	95.3
22..	59.27	58.13	23.7	28	98	88	NNE 1	NNE 3	7	8	1.3
23..	58.06	56.56	25.5	29	90	78	NNE 3	NNE 3	9	7	4.3
24..	57.28	56.08	25.5	29.1	90	74	NNE 3	NNE 2	8	10	10.7
25..	56.92	56.71	24.9	25.5	95	93	SE 2	SE 2	10	10	20.1
26..	58.21	57.23	23.1	28.3	99	88	SSE 1	SE 2	8	8	26.9
27..	58.20	56.73	24.1	29.3	99	76	NE 1	NE 2	9	7	.....
28..	59.17	58.49	24.1	28.5	99	84	NE 2	NE 1	9	9	.....
29..	59.89	59.55	24.6	31.7	95	70	Calm	ENE 2	8	5	.8
30..	59.90	58.91	24.5	31.5	96	66	NE 2	NE 3	7	6	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.14	57.07	24.8	29	93.1	78.8	2.8	2.9	8.7	8.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	543.6

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.55	58.46	24.1	31	91	64	NNE 2	NNE 1	3	1	.....
2..	59.80	58.13	22	30.5	97	70	Calm	N 3	2	7	2
3..	59.70	58.82	24.7	30	96	72	Calm	NE 3	10	7	7.4
4..	59.86	59.31	25	30.2	83	67	NE 3	NE 3	8	3	.....
5..	59.84	58.31	25.6	31.1	80	67	N 3	NE 3	3	2	6.4
6..	58.14	56.03	25.4	30	90	76	NNE 2	NNE 4	9	7	6.9
7..	56.63	54.94	25.6	28.2	90	80	N 4	N 4	10	10	42.6
8..	55.79	54.80	25.1	25.5	92	90	N 4	N 4	10	10	62.7
9..	56.51	55.97	24.2	30.2	98	75	NNE 2	N 3	10	7	1.4
10..	57.76	56.08	24.3	29.2	97	79	NE 2	NE 1	7	7	28.7
11..	57.10	55.78	24.6	30.5	98	78	NE 2	E 1	9	9	6.9
12..	57.36	57.22	24	30	98	73	NE 1	NE 2	9	7	1.3
13..	58.29	57.48	24.7	31.3	95	68	ENE 1	ENE 2	9	7	.3
14..	57.94	57.88	23.7	30.7	98	69	NE 1	NE 3	5	8	.....
15..	58.55	57.47	23.5	30.6	99	71	ENE 2	N 3	8	7	.....
16..	57.76	56.34	23.7	29.3	98	76	NNE 2	NNE 2	8	8	.....
17..	57.60	56.65	25	31	90	66	NNE 2	NNE 2	7	3	.....
18..	58.36	58.04	24	29	97	75	NNE 2	NNE 3	4	7	3.3
19..	59.15	58.08	25.3	30	90	68	NNE 2	NNE 2	9	8	16.3
20..	58.24	57.39	24.5	29	96	79	ENE 1	ENE 3	9	8	3.8
21..	58.64	56.91	25.6	30	87	67	NE 2	NE 3	8	3	.....
22..	58.40	57.41	23	31	97	65	NE 1	NE 3	3	2	.....
23..	57.84	56.92	25	31	93	67	NE 2	NE 3	9	3	3.3
24..	57.92	56.44	23.3	28.5	99	78	NE 2	N 2	8	10	16.5
25..	56.74	55.60	24.9	27.6	88	87	NNE 1	NNE 1	10	9	4
26..	56.47	55.97	24.6	24.7	90	92	NNE 4	NNE 5	10	10	4.6
27..	56.94	56.77	24.6	25.6	82	83	N 5	N 3	10	10	3.6
28..	57.62	57.37	23.9	24	88	89	N 5	N 4	10	10	7.2
29..	58.17	57.18	24	26.6	86	80	NNE 4	N 4	10	10	.....
30..	57.74	57.40	24.2	27.6	92	74	N 4	N 5	10	9	1.3
31..	59.27	58.84	23.5	25.2	91	83	N 4	N 5	10	10	.....
Mean	58.05	57.09	24.4	29	92.5	75.1	2.3	2.9	8	7.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	230.5

BATAG.[a]

[ϕ=12° 40′ N; λ=125° 04′ E; barometer above sea, 78.5 meters; gravity correction not applied, —1.77 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	58.74	57.54	23.9	28	96	85	ESE	1	ESE	2	4	3	8.4
2	58.65	57.43	24.5	28.3	94	82	E	1	E	2	9	3	5.3
3	58.98	58.43	24.5	26.5	96	90	E	1	E	2	5	6	29.9
4	60.51	60.11	24.4	26	95	84	ENE	3	NE	3	9	5	16
5	62.97	62.66	22.5	25.7	96	72	NE	4	NE	4	10	8	.....
6	.....	62.05	....	25.2	....	79	NE	4	NE	4	8	8	2
7	61.98	60.92	22.5	26	96	73	NE	3	NE	3	9	8	11.2
8	62.17	61.77	23	27.1	98	80	NE	2	NE	3	9	4	3.8
9	63.22	62.05	24.9	27	84	80	NE	4	NE	4	10	4	11.7
10	62.79	61.93	24.4	26.2	88	89	NE	4	NE	3	4	6	20.3
11	62.24	60.74	22.4	24.8	99	92	NE	4	NE	4	10	10	20.3
12	61.49	59.77	24.9	27.3	91	78	NE	4	NE	4	7	5	7.9
13	60.40	59.54	24.4	26.8	98	86	NE	3	NE	3	7	8	23.4
14	60.09	59.26	24	25.8	90	85	ENE	3	ENE	3	10	8	5.1
15	59.85	59.02	24.4	27	91	84	ENE	2	ENE	3	8	6	5.1
16	59.54	58.10	24	27	91	80	ENE	2	ENE	3	8	5	26.2
17	59.36	58.11	24	26.4	98	92	ENE	2	ENE	1	10	9	29.2
18	59.04	56.67	24.8	26.2	97	88	NE	2	ENE	3	8	5	29.2
19	58.18	56.44	23.5	23.1	90	99	NE	3	ENE	4	10	10	156.2
20	57.80	56.45	23.8	26.7	97	85	E	2	E	3	9	8	11.2
21	57.87	56.73	23.8	27	88	84	E	2	E	2	7	3	16.8
22	58.06	56.85	23.5	26.1	99	89	W	1	NE	3	7	4	1.8
23	58.46	57.30	24	26.7	98	88	NE	1	E	1	4	8	10.2
24	58.38	57.12	24.6	24.1	93	96	ENE	2	ENE	3	10	9	192.8
25	58.94	58.25	22.2	23.8	99	94	ENE	3	E	3	10	10	96
26	59.70	58.55	21.8	24	86	77	E	3	E	2	10	9	57.2
27	59.76	58.34	22	27.4	93	80	E	3	E	3	10	7	5.3
28	58.69	57.76	25	26.4	90	86	E	3	E	1	10	9	1.8
29	59.05	58.49	24.4	27.8	88	76	ENE	2	ENE	2	5	4	26.4
30	59.35	58.02	23.5	25	94	91	ENE	1	ENE	3	6	9	2.3
31	59.09	57.72	23	25.3	98	88	ENE	1	ENE	2	9	8	11.1
Mean	59.84	58.84	23.8	26.2	93.7	84.9	2.5		2.8		8.1	6.7	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	844.1

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	58.99	57.80	22.6	22.5	95	96	ENE	1	E	3	10	10	43.1
2	58.20	57.96	23	23	91	95	E	3	E	3	9	10	18.2
3	59.08	58.76	22.8	24.6	93	95	ENE	4	ENE	4	10	8	3.6
4	60.14	59.68	24.6	24.3	82	84	ENE	3	ENE	3	9	9	12.7
5	60.88	60.29	24.5	26.6	79	72	ENE	3	ENE	3	8	5	.....
6	61.70	61.29	25.4?	26.6	77?	68	E	3	E	3	8	5	.....
7	61.71	60.61	24.8	24.3	85	92	E	3	E	3	6	8	49.5
8	61.32	59.93	24	27.5	90	77	E	1	E	2	9	3	1.3
9	60.61	58.90	23.8	27.7	91	76	E	1	E	3	5	6	.....
10	61.12	60.39	24	24.5	90	84	E	3	NE	3	9	9	21.1
11	60.72	59	23.2	23	95	98	E	3	NW	3	10	10	157.4
12	60.84	60.16	22.5	24.7	97	94	E	2	E	2	9	9	58.7
13	60.73	60.31	23	23.6	98	95	E	2	E	3	10	10	100.3
14	60.85	60.08	22.1	23.7	99	99	ENE	4	ENE	4	10	10	57.4
15	61.05	59.72	24.5?	26.7	87?	82	ENE	3	E	3	10	7	9.9
16	60.32	59.05	24.3	26.5	92	86	ENE	3	ENE	3	9	9	11.2
17	59.86	57.98	22.6	27.6	98	79	E	1	E	2	6	7	1.3
18	58.61	56.69	23.8	26.5	93	85	E	2	E	2	6	8	1.5
19	57.88	56.66	23.5	25.6	96	89	E	1	E	2	8	7	3.8
20	58.14	57.83	23	27	98	86	E	1	N	1	3	8	72.4
21	59.97	59.96	22.8	22.5	98	99	NE	4	ENE	3	10	10	104.1
22	60.29	60.19	22.8	22.5	97	92	NE	3	W	2	10	10	78.7
23	59.87	58.69	23.5	25.4	99	84	ENE	3	ENE	3	10	7	14.5
24	58.87	57.54	23.8	27.6	97	84	ENE	2	ENE	2	10	7	42.2
25	58.67	57.28	23.4	25.7	95	91	E	1	E	3	5	7	4.1
26	58.52	57.59	23.9	25	87	90	E	2	E	2	5	8	17.8
27	57.75	57.51	24.5	25.5	96	89	E	3	E	3	8	7	.....
28	57.23	56.79	24.5	28.7	91	78	E	2	E	2	7	3	9.7
29	.....	.....	....	....	....	....	.....		.....		....	....	.....
30	.....	.....	....	....	....	....	.....		.....		....	....	.....
31	.....	.....	....	....	....	....	.....		.....		....	....	.....
Mean	59.78	58.88	23.6	25.3	92.4	87.1	2.4		2.7		8.2	7.8	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	894.5

MARCH.

	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	58.19	57.48	24.4	28.5	92	78	E	2	E	1	6	3	.....
2	58.17	56.93	24.8	27.5	88	81	E	3	E	2	3	4	2
3	58.30	57.22	24.4	27.8	93	83	E	1	E	3	8	6	2.3
4	57.24	56.13	24.7	27.5	92	84	E	2	E	3	7	6	1.3
5	58.51	57.05	23.5	27.9	90	78	E	3	ESE	2	9	7	.....
6	58.71	57.91	25.5	29	92	71	ESE	2	ESE	2	6	3	24.9
7	58.77	58.17	23.5	28	98	77	E	3	E	2	6	5	1.5
8	57.87	57.10	25	28.5	87	77	E	3	E	2	4	3	9.1
9	57.75	57.03	23.6	28.5	95	67	E	2	E	2	7	3	.....
10	58.70	56.74	24	28.4	95	79	E	2	E	2	4	6	3.6
11	58.16	57.40	25	28	87	77	E	2	E	2	5	6	.....
12	57.56	56.85	24	28.2	91	80	E	3	E	2	3	3	4.8
13	57.71	57.38	23.8	28.5	97	77	E	3	E	3	8	3	1
14	58.57	56.53	25	28.9	95	74	E	2	E	3	9	4	.....
15	60.37	59.46	23.7	29	94	74	E	1	E	2	5	3	2.5
16	60.10	58.63	24.5	26.9	87	84	E	2	E	3	7	6	12.7
17	59.83	58.45	24.6	27.5	93	73	E	3	E	3	8	3	6.1
18	59.66	58.84	23.5	28.5	97	74	E	2	E	2	7	7	1.3
19	59.54	58.31	25.2	29	88	74	E	3	E	2	4	3	.....
20	59.58	58.91	24.6	29	90	74	E	2	E	2	3	5	4.6
21	59.66	59.77	23.9	28.5	96	70	E	2	E	3	6	5	14.2
22	60.54	60.15	24.5	28.9	87	71	E	2	E	2	5	3	6.6
23	59.69	59.36	24.4	28.9	95	65	E	2	E	2	5	3	1.3
24	59.36	58.84	24.8	28.4	85	76	E	2	E	2	4	3	.8
25	59.48	58.80	24.5	28.3	89	75	ENE	3	E	2	4	3	1.3
26	59.44	58.35	24.4	27.9	88	75	E	3	E	4	6	3	1.5
27	59.84	58.92	25	28	83	74	E	3	E	3	3	4	.....
28	60.69	60.01	24.8	28.9	87	71	E	2	E	3	4	3	1.3
29	60.58	59.67	25	29.1	83	70	E	2	E	2	4	3	.....
30	60.14	58.69	24.6	27.7	88	78	E	1	E	3	3	3	.....
31	59.58	58.26	24.3	28.5	94	71	E	1	E	2	3	3	.....
Mean	59.11	58.17	24.4	28.3	90.8	75.2	2.2		2.4		5.4	4	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	104.7

APRIL.

	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	59.90	58.25	24.8	29	88	71	E	1	E	2	3	3	5.6
2	58.87	57.90	24.8	27.5	97	82	E	1	E	3	7	3	6.3
3	58.87	58.07	24.6	28.4	93	75	E	2	E	2	6	3	.....
4	58.89	58.30	23.8	28.6	96	75	E	1	E	2	7	4	6.4
5	59.67	57.83	24.3	26.3	97	86	E	2	E	2	10	9	4.1
6	58.32	57.55	25	28	92	77	E	3	E	2	7	5	6.1
7	58.59	56.64	24.9	29.2	97	78	E	2	E	2	5	3	.....
8	57.73	56.51	24.5	29	96	81	E	2	E	2	8	4	.....
9	57.95	57.37	24.3	28.6	91	80	E	1	E	2	4	5	.....
10	58.60	56.84	25.4	28.8	93	78	E	1	E	2	5	6	.....
11	57.50	56.38	25	28.9	93	76	E	1	E	2	3	3	.....
12	58.47	56.81	24.5	29	92	78	E	1	E	2	2	3	.....
13	57.77	57.56	24.5	30	94	71	E	1	E	2	2	3	.....
14	58.94	57.70	24.5	29.4	94	75	E	1	E	2	2	3	.....
15	58.66	56.63	24.5	30.2	92	71	SE	1	SE	1	3	3	.....
16	57.83	56.30	24.8	30.5	90	71	E	1	E	1	3	3	.....
17	58.43	56.81	24	29.8	91	71	E	1	E	2	3	3	.....
18	58.40	57.03	24.8	29.4	92	74	E	1	E	3	3	3	.....
19	58.69	57.27	24.4	30	92	70	E	1	ESE	2	3	3	.....
20	58.27	57.25	24.5	30.7	96	67	ESE	1	ESE	2	3	3	.....
21	57.51	56.64	25	30.8	88	72	ESE	1	ESE	2	3	3	.....
22	57.62	56.33	24.5	29.9	92	68	ESE	1	ESE	2	4	3	.....
23	56.93	56.65	26	30.1	83	68	E	2	E	2	9	6	.....
24	58.06	56.89	25.5	30.4	90	72	E	1	E	2	8	6	.....
25	58.22	57.24	25	31.3	95	69	E	1	E	2	4	4	.....
26	57.58	57.11	25	30	95	75	E	3	E	2	8	4	1.3
27	57.32	56.28	24.3	31.8	96	66	E	1	E	2	7	5	.....
28	57.21	56.30	24.5	31.9	99	68	ENE	1	NE	2	4	4	.....
29	57.39	55.83	25.4	30.5	95	72	NE	1	E	1	7	3	.....
30	56.79	56.04	25.3	32.2	93	64	W	1	ENE	2	3	4	.....
31	.....	.....	....	....	....	....	.....		.....		....	....	.....
Mean	58.17	57.01	24.7	29.7	93.1	73.4	1.3		2		4.9	3.9	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	29.8

[a] The barometer readings of this station seem to be somewhat too low.

NOTE.—The true height of the barometer above sea level is 78.5 meters instead of 66.66 meters.

BATAG.

[$\phi = 12°\ 40'$ N; $\lambda = 125°\ 04'$ E; barometer above sea, 78.5 meters; gravity correction not applied, —1.77 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	57.60	56.87	24	30.8	98	68	W	1	E	2	3	3	.....
2	57.64	57.72	25.2	26.3	98	91	W	1	E	1	3	8	3.3
3	57.47	55.93	25	29	98	75	E	1	E	2	10	5	.....
4	57.53	56 49	24.2	31	95	71	SE	2	SE	1	3	4	.....
5	58.26	57.35	25	30.2	92	69	E	1	E	3	4	3	.....
6	58.21	56.90	24.5	31.1	87	67	E	1	E	2	3	3	.....
7	57.96	56.74	25	30	93	75	E	1	E	2	4	4	.....
8	58.31	57.02	25	30.5	97	72	E	1	E	3	3	4	.....
9	59.02	56.94	24.8	30.5	97	72	W	1	E	3	3	4	.....
10	59.43	56.74	25.3	30.8	98	69	W	1	E	3	4	4	.....
11	57.52	56.16	24.5	29.5	98	70	S	1	E	2	5	5	.....
12	58.11	57.29	24	32.5	97	54	W	1	NW	2	3	3	.....
13	59.11	57.65	24.8	31	92	69	W	1	E	3	3	3	.....
14	59.50	58.13	25.5	31	83	67	W	1	E	3	3	3	.....
15	60.29	58.84	24.8	31.8	95	62	W	1	E	3	3	3	.....
16	59.61	58.15	25	31.6	93	63	W	1	E	3	3	3	.....
17	59.47	58.02	25	31.8	82	64	W	1	E	3	3	3	.....
18	59.63	58.85	25.5	27.7	93	85	E	1	E	2	4	7	33.5
19	59.59	57.75	24	27.9	95	81	E	2	E	2	10	7	66.8
20	57.87	57.97	24.6	24.3	99	97	W	2	W	2	9	10	29.2
21	57.73	57.82	25	24.3	97	92	W	1	E	2	8	10	3.8
22	57.97	57.41	24	25.9	97	89	W	1	E	3	8	7	30.8
23	59.13	58.25	23.4	29.4	97	76	W	1	E	2	6	5	.....
24	58.59	57.70	24.1	29.6	99	74	W	1	E	2	4	4	.....
25	58.11	57.20	24.5	30.5	94	72	W	1	E	3	4	5	.....
26	58.47	57.24	24.3	30.9	97	70	W	1	E	3	3	4	.....
27	58.92	58.04	24.4	29.8	97	76	W	1	E	3	4	5	1.8
28	58.35	57.47	24.8	29.9	97	76	W	1	E	2	6	4	.....
29	58.20	56.46	25.4	29	95	82	W	1	E	2	6	6	.....
30	57.82	57.07	24.6	29	99	81	W	1	E	1	8	7	.....
31	58.57	57.86	25	29.5	95	72	W	1	E	2	8	10	11.7
Mean	58.52	57.42	24.7	29.6	95	74.2	1.1		2.3		4.9	5	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	180.9

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	58.65	57.96	24.5	27.8	96	89	S	1	E	3	9	9	.....
2	58.27	57.33	25.4	30.4	92	78	E	1	ESE	2	8	4	.....
3	57.57	56.61	24.8	29.6	98	69	W	1	E	2	4	3	15.2
4	57.39	57.04	25.3	29.4	98	79	E	1	E	3	8	3	9.4
5	58.46	57.41	24.5	29.6	99	77	E	1	E	2	4	4	16
6	59.09	58.11	25.8	29.6	88	77	E	1	E	3	3	3	.....
7	58.34	57.89	25.4	28.4	97	79	E	2	E	2	4	4	4.6
8	58.63	58.06	24.5	29	94	76	E	1	E	3	6	3	.....
9	59.28	58.44	24.5	27.6	91	82	S	1	E	2	4	9	.....
10	59.33	57.51	24.3	29.8	97	73	W	1	E	2	3	4	10.2
11	58.70	57.72	25	28.3	98	82	W	1	E	3	6	5	15
12	57.65	56.70	24.8	29.2	93	77	W	1	E	2	4	3	1.5
13	58.07	56.82	24.3	29.7	92	72	E	1	E	3	4	3	.....
14	58.38	57.17	24	29	95	78	E	1	E	2	4	8	27.7
15	58.83	57.87	24.8	29	97	76	E	2	E	1	8	8	.....
16	58.73	57.17	24.8	29	92	78	E	1	E	3	4	3	.....
17	57.62	55.95	25.1	29.6	91	77	E	1	E	3	3	3	.....
18	56.88	56.89	24.3	27.6	97	84	W	1	E	1	9	8	1.5
19	58.48	58.47	23	29.9	99	75	W	1	SE	2	7	5	.....
20	58.85	57.67	24.2	28.5	98	78	SE	1	SE	3	8	6	.....
21	58.84	58.06	24.4	27.6	93	87	W	1	SE	2	4	4	3.8
22	58.12	56.29	24.5	29.8	99	73	W	1	E	2	4	3	.....
23	57.61	56.23	23.4	30	97	74	W	1	E	2	3	4	2
24	57.46	55.93	24.6	29.2	95	78	W	1	E	2	8	3	.....
25	57.02	56.08	24	28.9	98	80	W	1	E	2	8	7	5.3
26	56.01	55.32	22.8	29.2	98	70	S	2	S	2	7	7	.....
27	57.98	57.30	24	29.5	97	75	W	1	E	2	9	8	22.9
28	59.34	57.91	24.4	29.5	98	68	W	1	E	3	8	5	.....
29	59.81	58.15	25.4	29	95	71	W	1	E	2	3	3	1.5
30	58.50	56.47	24	29.5	98	75	S	2	E	2	9	7	10.2
31	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	58.26	57.22	24.5	29.1	95.7	76.9	1.1		2.3		5.8	5	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	146.8

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	57.23	56.53	24	27	99	92	W	1	E	1	3	7	10.4
2	57.22	56.64	23.5	27.5	99	78	W	1	S	2	6	7	.....
3	57.15	55.85	25	29	95	78	S	1	S	2	7	5	.....
4	55.88	55.62	25	27.2	95	83	S	2	S	3	8	9	.....
5	55.24	54.72	25	29	92	74	S	2	S	3	8	7	.....
6	55.58	54.97	24.9	28.8	92	71	S	1	SW	3	9	7	.....
7	56.45	55.32	24.7	29.6	97	75	SW	2	SW	2	8	6	.....
8	56.55	55.84	24.2	25.5	97	83	SW	1	SE	2	5	7	.....
9	55.85	54.83	23.9	29.8	94	74	S	2	SW	2	7	4	11.2
10	55.71	55.09	24	29.9	98	72	SW	1	SW	2	5	6	6.4
11	55.44	54.93	24.5	29	94	78	SW	3	SW	3	9	8	.....
12	55.68	55.25	24.8	28.5	93	78	SW	2	SW	3	9	9	.....
13	56.94	56.24	23.3	29.5	96	76	SW	2	SE	3	9	4	5.1
14	56.18	55.19	24.9	29.8	92	66	S	1	SW	2	8	5	5.3
15	55.79	54.70	24.4	25.8	90	93	SW	1	NW	2	9	9	14.5
16	54.69	55.13	23.5	25.3	99	93	SW	1	SW	2	9	9	6.3
17	56.39	55.92	23.8	30	93	71	S	1	S	1	7	6	.....
18	56.44	55.81	24.5	29.6	96	72	S	1	SW	3	6	9	31.7
19	56.83	56.51	23.9	29	96	78	SW	2	SW	2	9	9	.....
20	58.30	57.44	23.8	29.2	97	75	SW	2	SW	3	4	4	.....
21	57.57	57.17	24.2	30.3	98	74	SW	1	SW	2	3	7	6.6
22	58.79	57.44	24.5	29.2	99	74	SW	2	SW	1	9	3	11.2
23	59.15	58.27	23.8	29	97	78	SW	1	SW	2	3	3	2
24	58.45	57.58	23.8	27.9	97	79	SW	2	W	3	9	8	.....
25	57.66	56.73	24.2	28.5	91	75	W	3	W	2	8	7	.....
26	56.95	55.97	23.8	29.5	98	75	W	1	W	3	8	4	.....
27	56	54.83	24.5	28.5	94	80	SW	2	SW	3	3	5	.....
28	55.74	55.10	24.6	30.1	93	69	SW	2	SW	3	4	5	.....
29	56.12	55.28	25	31.4	93	63	SW	1	SW	3	7	4	.....
30	56.74	56.30	25.4	31	90	63	SW	2	SW	3	7	5	.....
31	57.25	56.13	24.8	31.8	93	61	SW	2	SW	3	8	4	.....
Mean	56.64	55.91	24.3	28.9	95.1	75.8	1.6		2.4		6.7	6.2	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	110.7

AUGUST.[a]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	57.86	57.02	24.5	28.6	99	77	SW	1	SW	2	4	5	.....
2	57.62	56.66	24.2	29	97	71	SW	2	SW	2	3	5	.....
3	56.71	56.77	24.5	29.5	99	69	SW	2	SW	2	8	8	3.8
4	57.29	57.41	24	24.9	95	89	W	1	W	3	10	9	22.9
5	58.28	57.60	23.4	28	97	77	W	1	W	1	5	6	.....
6	58.54	57.30	24.8	30.4	97	72	W	1	W	2	6	3	4.3
7	57.05	56.66	24.8	24.8	98	92	W	1	E	2	4	9	23.4
8	56.48	55.59	22.8	28.8	97	79	W	1	E	2	7	4	.....
9	57.38	56.12	24.9	31.5	87	69	W	1	W	2	6	3	.....
10	57.13	56.21	24.2	31	98	72	W	1	W	2	5	5	.....
11	57.09	57.05	23.8	29	91	71	W	1	E	2	4	5	5.8
12	57.75	56.69	24.3	29.8	96	82	SW	1	SW	2	3	4	2.8
13	58.19	56.61	24.6	30	97	71	SW	1	ENE	2	3	3	.....
14	57.04	.....	24.4	....	97	....	W	1	.....		3	....	.....
15	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
16	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
17	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
18	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	20.3
19	55.23	54.93	24.8	30	93	71	S	2	S	3	9	7	.....
20	56.60	56.39	24.8	30	92	78	S	1	S	2	8	7	26.4
21	57.48	57.28	23.9	28.3	96	86	S	2	S	2	9	9	.....
22	58.79	58.21	24	31	91	71	S	1	S	2	3	3	.....
23	59.30	58.11	24	31.2	98	64	S	1	S	2	3	3	.....
24	58.47	58.40	24.3	30	94	71	E	1	E	2	4	6	.....
25	59.84	58.06	24	30.2	98	73	S	1	S	2	3	3	.....
26	59.65	58.38	23.5	29.8	99	73	S	1	S	2	3	3	.....
27	58.20	56.66	23.9	30.2	96	70	S	1	E	2	5	3	.....
28	57.90	56.65	23.2	32	97	63	S	1	E	2	3	3	.....
29	58.78	57.20	24.2	30.5	98	70	S	1	E	2	4	4	.....
30	57.44	56.49	25.4	30.4	85	69	S	2	E	2	3	5	.....
31	55.68	55.03	24.2	30.4	98	72	S	1	E	2	4	5	.....
	55.11	54.48	24	30.5	98	71	S	1	S	2	4	4	4.6
Mean	57.60	56.81	24.2	29.6	96	73.8	1.2		2		4.9	5	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	[b]114.3

[a] 27 days of observation.

[b] 28 days of observation.

BATAG.

[ϕ=12° 40′ N; λ=125° 04′ E; barometer above sea, 78.5 meters; gravity correction not applied, —1.77 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	56.21	55.87	24.4	28.2	97	79	SW 2	SW 3	10	9	.....
2..	57.20	55.96	23.4	31.4	97	59	SW 1	SW 3	8	4	.....
3..	57.23	56.19	23.8	28	93	77	SW 1	SW 3	4	8	1.5
4..	56.28	56.29	25.8	25.6	88	93	SW 3	W 2	8	9	11.5
5..	56.38	55 13	25.2	29.4	88	71	W 2	W 2	9	8	.....
6..	56.98	56.86	23.8	25.3	98	93	W 1	W 1	4	8	.....
7..	57.75	56.14	24.1	30.2	92	70	W 1	E 2	4	4	.....
8..	56.78	56	24.1	27.8	96	79	W 1	W 2	9	9	.8
9..	56.36	55.89	24	24.9	98	87	W 2	SW 2	10	10	3.3
10..	56.80	56.88	23.3	25	97	95	SW 3	SW 2	10	10	6.4
11..	57.81	56.47	24.3	30.8	87	76	SW 1	SE 2	5	4	.....
12..	57.98	57.26	24.2	30.8	97	77	SW 1	SW 2	4	4	.....
13..	58.84	58.29	24.2	24.4	86	95	SW 1	SW 1	4	9	8.4
14..	58.68	57.86	23.3	29.5	94	75	SW 1	E 3	3	3	1.3
15..	59.34	58.12	24.3	29.6	96	69	SW 1	E 2	2	7	.....
16..	57.86	56.58	24.3	30.4	96	72	SW 1	E 2	8	7	21.3
17..	57.14	56.46	23.8	30	97	77	SW 1	E 2	4	4	.....
18..	58.73	57.55	24.1	31.2	96	64	SW 1	E 2	5	3	3.3
19..	58.90	57.22	24	29.8	98	73	SW 1	E 2	9	7	55.6
20..	58.12	56.74	23.4	27.3	95	85	SW 1	E 2	8	7	.....
21..	58.73	58.41	24.3	26.8	92	86	SW 1	E 2	8	9	1.5
22..	59.11	57.70	23.4	29.5	97	73	SW 1	E 2	6	4	2.8
23..	58.85	56.55	23.9	30.7	96	70	SW 1	E 2	8	3	.....
24..	58.35	56.49	24	30.9	98	71	SW 1	SW 2	4	4	.....
25..	56.56	55.12	23.6	28.5	98	77	SW 1	SW 2	4	4	.....
26..	56.15	55.61	23.8	30.9	98	70	SW 1	SW 2	5	5	.....
27..	56.88	56.06	25	25.8	96	92	SW 2	SW 2	4	7	4.3
28..	56.53	55.40	24.2	30.1	97	73	SW 1	SW 3	8	5	.....
29..	57.22	56.56	24.5	30	94	74	SW 2	SW 1	9	9	.....
30..	57.67	57.15	24.4	28.5	97	83	SW 1	E 3	4	9	7.4
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.58	56.63	24.1	28.7	95	77.8	1.3	2.1	6.3	6.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	129.4

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.55	57.21	23.5	30.2	97	68	SW 1	SW 2	4	3	19.6
2..	58.50	56.53	23.5	29.7	99	76	SW 1	SW 2	7	5	.....
3..	57.68	56.38	24.5	27.5	91	85	SW 1	SW 2	7	8	77.7
4..	56.70	54.40	23.9	27.5	99	81	SW 1	SW 3	10	8	7.9
5..	54.06	52.06	24.5	26.2	92	85	SW 4	SW 4	9	8	5.1
6..	52.60	51.72	23.4	24.3	97	96	SW 3	SW 3	10	10	18
7..	52.73	52.28	24.4	27.3	91	79	SW 3	SW 4	10	8	.....
8..	54.89	54.44	24.8	28.3	90	74	SW 2	SW 3	10	6	2.8
9..	56.97	56.25	24	27	93	84	SW 2	SW 3	9	9	1.3
10..	57.74	56.45	24.5	28.6	87	86	SW 1	E 2	4	5	7.9
11..	58.74	57.51	23.9	29.5	99	80	SW 1	E 2	4	3	.....
12..	58.51	57.70	24.7	29.4	97	75	E 1	E 3	4	4	.....
13..	59.42	58.47	25	29.4	88	75	E 1	E 2	9	4	.....
14..	59.55	57.65	24.3	30.5	94	74	E 1	E 2	6	4	.....
15..	59.20	57.81	24	29.6	95	75	E 1	E 2	4	5	.....
16..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16.5
17..	56.59	54.83	24.3	28	96	86	E 2	E 2	9	7	29.4
18..	56.45	55.18	24.5	29.4	99	79	E 3	E 3	10	6	52.1
19..	57.06	55.47	23.5	28.6	96	79	E 2	E 3	9	4	39.4
20..	57.01	56.46	23.8	27.5	98	87	E 1	E 2	5	6	.....
21..	57.65	56.09	24.6	28.8	92	82	E 1	E 3	4	4	.....
22..	57.64	56.94	24.5	28.9	91	83	E 1	E 1	4	6	1.3
23..	58.52	57.25	24.8	26	83	92	E 1	E 1	9	9	16.8
24..	58.61	57.02	23.5	29	98	78	W 1	E 2	3	4	18.5
25..	58.12	56.09	23.6	29.4	98	78	W 1	E 2	5	4	15.7
26..	57.31	55.46	24.5	29.3	96	79	W 1	E 3	3	3	.....
27..	56.87	55.59	25	30	92	77	E 1	E 2	4	5	.....
28..	57.92	57.05	25.1	29.3	91	77	E 1	E 2	3	4	5.8
29..	58.60	57.56	24.8	26.8	96	86	NE 1	E 2	8	7	53.4
30..	58.02	57.40	23.3	27.6	99	94	E 1	E 3	9	7	10.2
31..	57.05	55.99	25.4	29.5	92	77	E 3	E 3	5	5	3.6
Mean	57.31	56.04	24.3	28.4	94.2	80.9	1.5	2.4	6.6	5.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	403

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	56.83	56.06	24.4	26	97	92	E 2	E 2	8	7	8.6
2..	57.07	56.60	24.5	28.4	94	82	E 2	E 3	7	7	16
3..	57.55	56.80	25.8	26	93	88	ESE 3	E 3	8	9	40.6
4..	58.32	57.41	25.1	29.1	98	77	E 2	E 2	8	8	17
5..	58.58	57.63	24.8	24	97	98	E 3	E 3	10	10	95.2
6..	59.12	58.59	24	24.3	98	96	E 2	E 3	10	10	5.6
7..	58.95	58.34	25.8	24.8	92	88	E 3	E 2	8	9	13
8..	58.92	57.76	25.4	25.1	87	94	E 3	E 2	5	8	42.1
9..	56.14	53.80	23.5	26.4	99	90	NE 2	E 3	10	8	25.4
10..	57.42	56.39	23.6	28.7	97	78	W 1	E 2	4	4	.....
11..	57.01	56.37	24.2	28.8	98	78	W 1	E 2	3	3	4.1
12..	57.79	56.45	24.1	27.4	99	87	W 1	E 2	5	6	8.1
13..	57.94	56.54	24.6	28.2	98	80	E 2	E 3	8	7	14
14..	55.71	55.66	24.9	25	96	97	ENE 4	E 3	10	10	54.9
15..	57.05	55.87	23.9	26	99	95	W 1	E 2	9	8	34.8
16..	56.73	55.83?	24.8	25	97	93	E 2	E 3	4	9	42.9
17..	57.72	56.74	23.8	25	99	92	W 1	W 2	10	10	12.4
18..	57.85	56.08	22.7	27.4	99	87	W 1	E 2	3	4	.....
19..	57.50	56.23	24.4	29.5	92	75	E 1	E 2	3	3	18
20..	57.96	56.98	25.6	29.6	88	75	W 1	E 2	4	3	.....
21..	59.20	58.07	24.9	28.7	98	85	E 1	E 2	5	4	38.8
22..	58.79	57.71	24.2	23.7	98	98	E 1	S 1	9	10	69.1
23..	58.32	56.77	23.8	27.4	98	81	E 1	E 2	7	7	10.4
24..	57.55	56.24	24.2	25	97	99	E 1	E 3	10	9	71.1
25..	57.79	56.21	24.3	25.3	96	96	E 3	E 1	10	10	20.1
26..	58.60	57	23.4	25.7	99	88	E 1	E 2	9	8	1.5
27..	58.75	57.11	23.4	27.8	97	84	E 1	E 2	9	7	.....
28..	59.15	58.59	24.7	28.5	90	83	W 1	E 2	3	3	.....
29..	59.67	59.39	24.5	28.4	96	82	Calm	E 2	5	4	2.3
30..	59.73	59.09	24.7	28.5	92	73	W 2	E 2	4	3	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.99	56.94	24.4	26.8	95.9	87	1.7	2.2	6.9	6.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	666

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.77	58.43	22.8	29.3	93	72	W 1	E 2	3	3	.....
2..	59.63	58.21	23.2	28.6	98	82	W 1	E 2	3	4	20.3
3..	59.02	58.92	23.5	29.4	99	76	W 1	E 2	9	5	.....
4..	59.61	58.58	25.5	28.8	81	75	E 3	E 2	4	3	.....
5..	59.45	57.48	25.8	28.8	85	76	E 3	E 3	4	4	.....
6..	57.52	55.78	25.5	26.5	89	91	E 2	E 2	4	5	13.5
7..	56.14	54.67	24.8	25.6	97	95	E 1	E 2	9	9	21.3
8..	55.07	54.67	24	24	98	98	E 3	E 2	9	10	23.1
9..	56.85	55.98	24.8	27.8	97	86	E 1	E 3	8	7	.....
10..	58.82	56.91	24.4	29.2	98	76	W 1	E 2	4	3	.....
11..	57.23	56.07	24.3	27.8	96	86	E 1	E 2	4	4	10.1
12..	56.99	57.26	23.8	28.6	98	82	W 1	E 2	8	3	.....
13..	57.91	57.12	25.4	28.6	92	80	E 2	E 2	4	3	.....
14..	57.74	57.77	23.9	29.2	97	78	W 1	E 2	3	3	.....
15..	58.47	57.29	23.2	29.8	98	75	E 1	E 2	3	3	.....
16..	57.32	56.04	24.8	28.3	93	81	E 1	E 3	5	5	9.1
17..	57.39	56.68	24.4	29	97	81	E 1	E 2	9	5	10.2
18..	58.23	56.79	24.3	29.8	97	77	E 1	E 2	6	4	12.2
19..	58.69	57.71	24.1	26	97	92	E 2	E 3	7	8	9.1
20..	58.30	57.39	25.8	28.2	88	82	E 3	E 3	6	6	9.4
21..	58.64	57.04	24.4	27.4	93	81	E 2	E 2	4	4	.....
22..	58.25	57.21	24.4	28.9	91	81	E 1	E 2	4	4	.....
23..	57.41	56.41	25.2	27.4	88	84	E 2	E 3	6	6	.....
24..	57.40	56.10	25.4	27.2	92	87	E 2	E 1	7	9	16
25..	56.72	55.26	23.5	25.8	99	87	E 1	E 1	8	9	10.2
26..	55.77	54.86	24	25.2	98	95	E 1	E 1	9	9	61.3
27..	56.42	55.40	24.5	24.8	92	93	ENE 3	ENE 3	9	9	29.5
28..	56.54	56.21	23.4	23	99	91	ENE 4	ENE 4	10	10	65
29..	57.73	56.44	23.6	24.8	99	93	ENE 3	ENE 3	10	10	112.3
30..	56.89	56.55	23.3	25.5	97	93	E 1	E 1	6	9	99.1
31..	58.12	57.06	23	24.8	98	88	ENE 3	ENE 3	10	9	101.4
Mean	57.74	56.72	24.3	27.4	94.6	84.3	1.7	2.2	6.3	6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	633.1

[a] The rainfall of the 29th in the Monthly Bulletin should be 2.3 mm. instead of 2.8 mm.

SORSOGON.

[ϕ=12° 55′ N; λ=124° 08′ E.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	24.7	29.2	86	71	Calm	Calm	10	8	.....
2	.....	.....	23.5	30.5	97	70	NW 1	ENE 1	10	7	.....
3	.....	.....	23	25.6	96	83	Calm	N 1	10	10	38.1
4	.....	.....	24.9	27.5	84	75	NE 3	NE 4	10	10	49.4
5	.....	.....	23.5	25.2	96	91	NE 3	NE 4	10	10	26.4
6	.....	.....	24.5	26.5	89	82	NE 4	N 3	10	10	26.7?
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	26.7
8	.....	.....	23.2	27	98	77	N 1	NE 2	10	10	64
9	.....	.....	24.5	25	87	85	NNE 1	NNE 1	10	10	28.4
10	.....	.....	24.2	27.5	90	75	NNE 1	NE 4	10	10	76.9
11	.....	.....	23.5	24.5	97	92	N 5	NNE 5	10	10	78.4
12	.....	.....	24.5	28.2	87	77	NE 4	N 1	10	10	59.5
13	.....	.....	24.5	28.2	88	77	N 1	N 1	10	10	84.8
14	.....	.....	24.5	28.5	87	81	N 1	N 1	10	10	54.4
15	.....	.....	24	28.5	75	67	Calm	N 1	8	10	.8
16	.....	.....	24.5	29	87	71	N 1	N 1	10	10	4.3
17	.....	.....	24.5	27.5	83	79	N 1	NE 2	10	10	26.2
18	.....	.....	24.6	28	88	77	N 1	Calm	10	10	29.2
19	.....	.....	24.5	24.5	88	89	NNE 1	NE 1	10	10	103.9
20	.....	.....	23.5	28.9	89	75	NNE 1	Calm	10	10	97
21	.....	.....	24	27.2	91	75	Calm	Calm	10	10	.....
22	.....	.....	22.6	26.7	95	79	Calm	NE 2	10	10	.....
23	.....	.....	22.5	29.5	72	81	Calm	Calm	10	10	25.9
24	.....	.....	24.5	24.5	64	71	N 1	NE 1	10	10	78.8
25	.....	.....	24	24	64	60	N 1	N 1	10	10	108.2
26	.....	.....	22.7	25.9	77	70	NE 1	N 1	10	10	44.4
27	.....	.....	22.5	26	76	69	NNE 3	NNE 2	10	10	4.3
28	.....	.....	24	26.5	66	80	NNE 2	N 1	10	10	3
29	.....	.....	23.5	27.5	79	60	N 1	NNE 1	10	10	.3
30	.....	.....	25	23.2	76	70	NNE 1	NW 1	10	10	92.2
31	.....	.....	22	25.2	74	60	Calm	N 1	10	10	27.7
Mean	.....	.....	23.9	26.9	84.2	75.6	1.3	1.5	9.9	9.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,259.9

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	22.9	24.2	71	65	NNE 1	N 1	10	10	75.9
2	.....	.....	22	24.2	75	66	N 1	Calm	10	10	99.1
3	.....	.....	22	23	74	60	NNE 1	NE 1	10	10	141.1
4	.....	.....	22	22	66	74	NE 1	Calm	10	10	101.5
5	.....	.....	21.5	22	69	70	NW 1	Calm	10	10	29.1
6	.....	.....	22.9	26.2	75	64	NE 1	ENE 2	10	10	28.4
7	.....	.....	24.1	24.9	67	62	NNE 1	Calm	10	10	37.9
8	.....	.....	22	28	74	85	Calm	Calm	10	10	.....
9	.....	.....	22	28.9	91	78	Calm	E 1	10	8	46.7
10	.....	.....	22.5	23	96	74	NE 2	N 2	10	10	49
11	.....	.....	22.5	23	78	83	N 2	Calm	10	10	42.8
12	.....	.....	22	25.5	80	79	N 1	N 4	10	10	.....
13	.....	.....	23.5	23.4	83	76	NW 2	Calm	10	10	56.6
14	.....	.....	22.5	22.7	88	89	NNE 5	N 6	10	10	17.8
15	.....	.....	22	27.5	83	73	NE 6	NNE 2	10	10	19.3
16	.....	.....	23	24.9	87	77	NW 1	NE 2	10	10	11.7
17	.....	.....	22.7	29.5	85	74	Calm	NE 1	10	6	.....
18	.....	.....	23	27.8	86	81	Calm	N 1	10	10	.6
19	.....	.....	22.5	28.2	91	74	Calm	Calm	10	7	.....
20	.....	.....	22.5	26.2	91	84	Calm	NNE 2	10	10	18.8
21	.....	.....	23.5	24.9	96	90	NE 1	N 4	10	10	47.4
22	.....	.....	23.5	24.9	96	92	NE 5	NE 1	10	10	3.2
23	.....	.....	23.2	23	98	95	NE 1	N 4	10	10	52.6
24	.....	.....	23.5	24.7	95	90	NE 3	NE 3	10	10	28.7
25	.....	.....	23	28.7	98	73	Calm	NE 2	10	10	.....
26	.....	.....	23.5	27.8	92	86	Calm	NE 1	10	9	24.1
27	.....	.....	23.5	26.2	93	86	Calm	NNE 2	10	10	20.8
28	.....	.....	23.7	....	90	....	Calm	Calm	10	10	.....
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	.....	.....	22.8	25.4	84.6	77.8	1.3	1.5	10	9.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	953.4

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	23.3	29.5	88	77	Calm	NE 1	10	10	.....
2	.....	.....	24	29.5	91	75	Calm	Calm	10	8	.....
3	.....	.....	24.7	27.5	90	77	Calm	NE 1	10	7	6.1
4	.....	.....	24	29.9	98	72	NE 1	Calm	10	10	29.1
5	.....	.....	24.3	27	91	80	Calm	NE 1	10	10	4.6
6	.....	.....	24.5	30.9	92	69	Calm	Calm	10	8	12.7
7	.....	.....	23.5	27.3	90	82	NE 1	N 1	10	10	1.8
8	.....	.....	23.5	26.7	90	79	NE 1	N 1	10	10	14.2
9	.....	.....	23	29	93	78	Calm	ENE 2	10	8	6.4
10	.....	.....	24	28	90	78	Calm	NE 1	10	10	6.9
11	.....	.....	24.5	28.5	95	80	NNE 1	Calm	10	10	26.7
12	.....	.....	24.2	29.7	94	77	NE 1	NE 2	10	10	1
13	.....	.....	24.3	30	97	78	Calm	ENE 2	10	7	9.3
14	.....	.....	24	28.6	95	76	NE 1	NE 2	10	10	2.8
15	.....	.....	24.5	30.1	95	71	Calm	Calm	10	10	15
16	.....	.....	23	25.5	96	88	NE 1	N 2	10	10	53.3
17	.....	.....	24.2	29	90	78	Calm	NE 1	10	7	44
18	.....	.....	23	27	92	83	NE 1	Calm	10	10	66
19	.....	.....	24	29.5	91	75	NNE 1	E 2	10	9	8.7
20	.....	.....	23.5	30	96	78	Calm	Calm	10	6	33.8
21	.....	.....	23.5	26.5	90	86	N 1	NE 1	10	10	30.4
22	.....	.....	23.5	30.5	96	78	Calm	Calm	10	7	4.1
23	.....	.....	24	28.1	92	85	Calm	N 2	10	10	12.2
24	.....	.....	24.5	29	96	89	Calm	Calm	10	10	38.8
25	.....	.....	23	26.1	96	85	NE 5	Calm	10	10	31.5
26	.....	.....	23.5	26	96	92	Calm	NW 2	10	10	161.5
27	.....	.....	19	29.6	90	77	Calm	E 2	10	4	30.5
28	.....	.....	23.5	29.4	96	76	NW 1	ENE 3	10	3	3
29	.....	.....	24	25	96	92	Calm	NE 1	3	7	33
30	.....	.....	23.6	31	97	79	Calm	Calm	10	4	.....
31	.....	.....	24.2	30	96	82	Calm	Calm	7	5	.....
Mean	.....	.....	23.7	28.5	93.4	79.7	0.5	1	9.7	8.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	687.4

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	24.5	31	87	79	Calm	Calm	10	4	7.6
2	.....	.....	24.5	29.8	88	83	Calm	N 1	10	10	.....
3	.....	.....	24.7	30.1	90	81	Calm	Calm	10	7	1.3
4	.....	.....	22.5	29.5	96	81	Calm	NE 1	10	10	.....
5	.....	.....	24	29.6	91	84	NE 1	NE 1	10	7	.3
6	.....	.....	23.5	31.6	96	73	Calm	Calm	8	6	7.9
7	.....	.....	24	29	96	79	Calm	NE 1	10	9	.....
8	.....	.....	25.1	29.7	91	79	Calm	Calm	10	10	18.3
9	.....	.....	24	29.4	91	76	Calm	Calm	10	10	.....
10	.....	.....	24	31	91	73	Calm	Calm	10	5	.3
11	.....	.....	24	31.5	93	69	Calm	N 1	4	6	.3
12	.....	.....	22.5	31.7	96	74	Calm	E 1	10	3	.....
13	.....	.....	24	31	96	72	Calm	Calm	10	4	.....
14	.....	.....	23.5	31.9	96	73	Calm	Calm	10	2	.....
15	.....	.....	23	32	96	75	Calm	Calm	7	2	.....
16	.....	.....	23.5	31.5	96	76	Calm	Calm	10	6	.....
17	.....	.....	23	31.9	96	73	Calm	N 1	10	5	.....
18	.....	.....	24	31.8	92	74	Calm	Calm	7	4	.....
19	.....	.....	24.1	31	92	72	Calm	SE 1	6	2	.....
20	.....	.....	23	31	96	77	Calm	NE 1	4	5	.....
21	.....	.....	24	30.9	91	72	Calm	E 1	5	5	1.8
22	.....	.....	23	31.2	96	74	NE 1	Calm	10	5	.....
23	.....	.....	23.5	31.1	97	71	Calm	NE 1	10	10	.....
24	.....	.....	23.5	31.7	96	74	Calm	NE 1	10	6	.....
25	.....	.....	23.5	31.9	91	74	Calm	NNE 2	10	7	.....
26	.....	.....	25.1	30.7	83	75	Calm	N 2	10	6	.....
27	.....	.....	23	30.6	96	76	Calm	Calm	10	4	.....
28	.....	.....	22.5	31.8	96	72	Calm	NE 2	10	4	.....
29	.....	.....	23.5	31	96	79	Calm	Calm	10	3	7.1
30	.....	.....	23.8	31	93	72	Calm	Calm	10	10	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	.....	.....	23.7	30.9	93.4	75.4	0.1	0.6	9	5.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44.9

NOTE: The relative humidity from January 23 to February 18 do not seem to be reliable.

SORSOGON.

[ϕ=12° 55′ N; λ=124° 08′ E.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*010*	*mm.*
1	.....	.....	23.7	31.2	94	77	Calm	Calm	10	4	.....
2	.....	.....	23.4	30	97	79	Calm	ENE 1	10	10	.....
3	.....	.....	25.3	27.7	89	79	Calm	Calm	10	10	7.1
4	.....	.....	24	32	91	76	N 1	Calm	10	6	.....
5	.....	.....	24.5	32.4	93	74	NW 1	ESE 1	10	5	.....
6	.....	.....	23.5	31	96	79	Calm	Calm	6	7	.....
7	.....	.....	25	32	97	72	Calm	E 2	10	7	.....
8	.....	.....	22.9	32	92	72	Calm	Calm	10	3	.....
9	.....	.....	23.5	30.2	96	77	Calm	SE 2	10	6	.....
10	.....	.....	25	32	88	74	Calm	SW 2	8	5	12.2
11	.....	.....	23.5	32	96	74	Calm	SW 1	10	10	11.7
12	.....	.....	24.5	30.5	87	80	Calm	Calm	6	6	17.3
13	.....	.....	24.2	32	90	79	Calm	Calm	6	5	.....
14	.....	.....	25.5	32.9	84	77	Calm	ENE 1	7	2	.....
15	.....	.....	24.5	32.5	87	74	Calm	E 2	2	4	.....
16	.....	.....	22.7	31.9	96	70	Calm	Calm	4	3	.....
17	.....	.....	21.5	31.9	87	71	Calm	NE 2	3	2	.....
18	.....	.....	25	31.5	92	74	Calm	N 1	6	7	11.9
19	.....	.....	24	30	91	78	Calm	ENE 1	10	10	.....
20	.....	.....	24.9	29.2	84	75	Calm	N 1	10	10	3
21	.....	.....	23	31.9	96	72	N 1	E 2	5	10	.....
22	.....	.....	24	25.5	91	88	NW 2	NE 1	10	10	52.6
23	.....	.....	23	30.1	91	65	Calm	NE 2	10	10	.....
24	.....	.....	22.5	30.1	96	77	Calm	Calm	10	10	.....
25	.....	.....	22.7	31.5	95	74	Calm	E 1	10	6	.....
26	.....	.....	23.9	31.6	92	75	Calm	NNE 2	7	10	4.8
27	.....	.....	24	30.9	96	79	Calm	Calm	10	10	2.5
28	.....	.....	24	30	92	73	Calm	NW 1	10	10	.....
29	.....	.....	24.5	32.5	87	68	Calm	NE 1	10	7	1.9
30	.....	.....	24.5	31.7	96	70	Calm	Calm	10	10	17.8
31	.....	.....	23.5	28.1	97	77	Calm	NW 1	10	10	1
Mean	.....	.....	23.9	30.9	91.8	75.1	0.2	0.9	8.4	7.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	143.8

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	23.5	27.6	96	73	Calm	Calm	10	10	2.3
2	.....	.....	25.6	29.9	81	77	Calm	E 4	10	10	.8
3	.....	.....	23.5	31.7	96	73	NW 1	NE 2	10	6	.....
4	.....	.....	25.5	31.3	81	71	NE 1	E 3	10	10	1.5
5	.....	.....	25.5	31.9	88	70	Calm	NE 2	7	5	.....
6	.....	.....	24.5	31.8	92	73	Calm	Calm	10	5	.....
7	.....	.....	23.8	28	95	85	Calm	SSE 3	10	10	10.1
8	.....	.....	23.8	31.6	95	70	Calm	E 1	10	8	.....
9	.....	.....	23.2	31.8	98	72	Calm	Calm	8	6	.....
10	.....	.....	23.2	30.1	97	77	Calm	NE 2	7	8	.....
11	.....	.....	25.3	29.5	89	75	Calm	NNE 3	10	10	9.4
12	.....	.....	23.5	31.9	96	66	Calm	NE 2	10	10	.....
13	.....	.....	25.4	31.8	88	66	Calm	E 2	8	6	.....
14	.....	.....	23	31.4	96	66	Calm	Calm	10	5	3
15	.....	.....	23.8	29.9	93	73	ENE 1	NE 2	10	10	1
16	.....	.....	24.5	31.5	96	70	Calm	Calm	10	6	.....
17	.....	.....	23.4	31.7	97	65	NW 1	Calm	10	4	.....
18	.....	.....	23.5	27.5	96	81	Calm	SE 2	10	10	.....
19	.....	.....	25.5	31.9	93	70	Calm	Calm	10	5	.....
20	.....	.....	24	32	97	71	Calm	SW 1	9	7	5.1
21	.....	.....	22.5	32	96	72	Calm	E 3	7	5	.....
22	.....	.....	22.5	32	96	70	Calm	NE 1	10	7	.....
23	.....	.....	22.7	29.3	96	74	Calm	Calm	10	10	.....
24	.....	.....	23.5	28.7	96	75	Calm	NE 2	10	10	3.6
25	.....	.....	22.5	29.1	96	75	Calm	N 2	10	10	16
26	.....	.....	22	27.5	93	81	SE 2	SW 4	10	10	.3
27	.....	.....	23.7	30.2	94	71	Calm	W 1	10	10	.....
28	.....	.....	23.5	31.9	96	72	Calm	ENE 1	10	4	.....
29	.....	.....	24	31.8	92	72	Calm	NNE 1	6	5	4.8
30	.....	.....	23.3	30.1	98	72	NNE 1	N 3	10	7	6.4
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	.....	.....	23.8	30.6	93.8	72.6	0.2	1.6	9.4	7.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	64.3

JULY.

	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	23.9	30.7	94	70	Calm	SW 3	10	10	0.5
2	.....	.....	24.5	30.9	92	65	Calm	WSW 4	10	5	2
3	.....	.....	24.5	31	90	69	Calm	SW 4	10	9	27.9
4	.....	.....	25	25.1	88	83	WSW 4	W 1	10	10	48.2
5	.....	.....	22	29.5	92	68	WSW 2	SW 4	10	10	10.4
6	.....	.....	24.2	28.5	91	75	SW 2	SW 4	10	10	2
7	.....	.....	25.6	30.9	87	67	Calm	SW 2	10	10	.....
8	.....	.....	25.5	29.9	88	73	Calm	SW 3	10	10	2.8
9	.....	.....	25.6	31	88	65	SW 1	SW 2	10	6	.....
10	.....	.....	26.5	29.8	82	74	WSW 2	SW 1	10	10	25.1
11	.....	.....	25.4	28.1	84	78	WSW 2	SW 3	10	10	5.1
12	.....	.....	26.5	28.7	80	74	SW 1	W 2	10	10	10.4
13	.....	.....	25.5	30.5	88	72	WSW 1	WSW 2	10	8	.....
14	.....	.....	23.6	28.7	95	78	Calm	Calm	10	10	2.3
15	.....	.....	24.5	29.2	91	76	Calm	Calm	10	10	52.1
16	.....	.....	24	25	85	84	E 1	W 1	10	10	46
17	.....	.....	24	28.3	88	76	SE 1	SW 1	10	10	4.6
18	.....	.....	24	30.1	87	72	SW 1	SW 3	10	10	.5
19	.....	.....	25	31	85	67	WSW 3	WSW 1	10	10	.....
20	.....	.....	23	31.1	92	68	N 1	ENE 1	10	10	.....
21	.....	.....	23.7	30	90	69	S 1	Calm	10	10	42.4
22	.....	.....	23	29.5	93	72	W 1	Calm	10	10	.....
23	.....	.....	23.6	27.3	95	79	W 1	W 2	10	10	8.6
24	.....	.....	23.4	26.5	97	81	Calm	SW 1	10	10	1
25	.....	.....	24.5	29.1	92	71	SW 1	Calm	10	10	4.3
26	.....	.....	26.5	28.2	80	72	SW 3	WSW 2	9	10	28.9
27	.....	.....	25	29.8	84	71	SW 2	SW 4	10	10	5.8
28	.....	.....	26.6	29.8	83	79	SW 5	SW 5	10	10	5.3
29	.....	.....	27.5	29.5	78	76	SW 4	WSW 3	9	10	17.5
30	.....	.....	24	30	92	69	WSW 3	SW 4	10	10	.....
31	.....	.....	26.5	30.5	80	70	WSW 1	SW 5	10	10	.....
Mean	.....	.....	24.7	29.3	88	73	1.4	2.2	10	9.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	353.7

AUGUST.

	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	26	30.8	92	67	WSW 2	SW 2	10	8	.....
2	.....	.....	26	31.5	85	70	WSW 1	W 3	10	5	.....
3	.....	.....	26	27.5	84	82	SW 2	W 1	10	10	32.8
4	.....	.....	24	23.5	91	90	W 2	SW 1	10	10	47.8
5	.....	.....	22.5	29.8	94	74	W 1	W 2	10	10	1.3
6	.....	.....	23.5	30	96	72	W 1	SW 1	10	10	.....
7	.....	.....	21.9	29.7	84	71	Calm	N 1	10	10	6.4
8	.....	.....	23.5	28.4	97	75	N 1	NE 2	10	10	2.5
9	.....	.....	22.5	30.8	96	68	NE 1	SW 1	10	10	4.1
10	.....	.....	24.2	28.5	90	78	SW 2	SW 3	10	10	.....
11	.....	.....	27.1	31.8	81	67	S 4	SW 3	10	10	.....
12	.....	.....	23.5	30.8	94	72	SW 1	WSW 1	10	8	.....
13	.....	.....	23.3	31	89	72	NW 1	Calm	10	9	1.8
14	.....	.....	23.5	31.5	96	69	SW 1	Calm	10	10	.....
15	.....	.....	22.5	31.2	96	71	Calm	SW 1	10	10	15
16	.....	.....	23.5	30.6	96	64	SW 4	SW 5	10	10	14
17	.....	.....	27	29.9	78	72	SW 5	SW 6	10	10	10.9
18	.....	.....	26.4	28.5	79	75	SW 6	SW 5	10	10	.....
19	.....	.....	26.9	29.9	85	72	SW 4	SW 1	10	10	7.4
20	.....	.....	26.2	30.5	82	70	SW 1	SW 2	10	10	.....
21	.....	.....	23.5	30.8	96	73	Calm	Calm	10	7	.....
22	.....	.....	23	32.7	93	68	Calm	N 1	10	7	.....
23	.....	.....	23	31	91	70	Calm	N 1	10	7	5.3
24	.....	.....	23.5	32.4	96	67	Calm	N 2	10	9	.....
25	.....	.....	22.5	32.2	96	65	Calm	Calm	10	8	6.9
26	.....	.....	23	31.1	91	65	Calm	Calm	10	6	25.9
27	.....	.....	22.5	30	96	72	Calm	ESE 5	10	10	.....
28	.....	.....	23.5	31	90	64	Calm	SE 1	10	10	.....
29	.....	.....	22	32	91	66	Calm	NW 2	10	10	.....
30	.....	.....	23.3	29.3	94	79	Calm	NW 2	10	8	3.3
31	.....	.....	22.5	28.7	96	74	Calm	SW 2	10	10	.....
Mean	.....	.....	23.9	30.2	90.8	71.4	1.3	1.8	10	9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	185.4

SORSOGON.

[ϕ=12° 55′ N; λ=124° 08′ E.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	25.5	27.6	88	73	WSW 1	WSW 2	10	10	15.5
2	.....	.....	25.9	30.1	77	69	S 2	SW 2	10	10	.3
3	.....	.....	25.5	30.3	83	70	Calm	SW 1	10	10	.....
4	.....	.....	25.4	29.5	84	71	SW 1	SW 2	10	10	8.9
5	.....	.....	24.2	29.5	91	69	WSW 2	S 2	10	10	1.3
6	.....	.....	25	29.2	87	72	WSW 1	SW 2	10	10	.....
7	.....	.....	24.5	31	92	69	Calm	SW 2	10	8	.....
8	.....	.....	23	29.2	95	76	Calm	ENE 2	10	10	11.9
9	.....	.....	25.2	28.2	87	74	SW 3	SW 2	10	10	17.3
10	.....	.....	25	27.2	83	75	SW 2	SW 3	10	10	.....
11	.....	.....	26	30.5	85	68	S 3	SW 2	10	10	.....
12	.....	.....	22.5	32	94	72	Calm	Calm	10	6	.....
13	.....	.....	23.4	27.5	88	75	Calm	SE 1	10	10	.....
14	.....	.....	22	31.5	91	62	Calm	Calm	10	5	.....
15	.....	.....	21.8	31.9	84	65	Calm	NE 1	10	5	5.3
16	.....	.....	24	31.2	85	60	Calm	NE 2	10	10	5.3
17	.....	.....	23.5	29.9	96	68	Calm	SE 1	10	10	18.5
18	.....	.....	23.5	31.8	87	62	Calm	N 1	10	4	16.8
19	.....	.....	23.5	27.8	96	73	Calm	Calm	10	10	25.7
20	.....	.....	23.5	30.4	94	64	Calm	N 1	10	10	.3
21	.....	.....	22.7	28	89	74	Calm	NE 2	10	10	7.9
22	.....	.....	24.5	29.7	87	68	Calm	Calm	10	8	.....
23	.....	.....	23	31.3	96	63	Calm	Calm	10	7	4.6
24	.....	.....	23.4	30	97	66	NW 1	S 2	10	10	.....
25	.....	.....	24.3	29.8	93	67	Calm	SW 2	10	10	.....
26	.....	.....	22.5	30.4	96	68	Calm	NW 2	10	10	.3
27	.....	.....	25	28.4	85	71	SW 1	Calm	10	10	62
28	.....	.....	22.5	29.4	91	70	Calm	WSW 2	10	10	32.8
29	.....	.....	23.4	29.2	97	71	Calm	Calm	10	10	.....
30	.....	.....	23.5	30.9	94	62	Calm	Calm	10	10	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	.....	.....	23.9	29.8	89.7	68.9	0.6	1.3	10	9.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	234.7

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	23.5	25.2	96	88	Calm	Calm	10	10	32.5
2	.....	.....	23.4	28.5	96	73	N 1	W 1	10	10	.....
3	.....	.....	22.5	30.3	96	68	Calm	SW 1	10	10	4.6
4	.....	.....	23.8	26.1	95	79	SW 2	WSW 3	10	10	8.1
5	.....	.....	23	(a)	93	(a)	SW 2	SW 3	10	10	82.3
6	.....	.....	(a)	(a)	(a)	(a)	SW 4	SW 6	10	10	66.3
7	.....	.....	(a)	25.2	(a)	75	SW 6	SW 5	10	10	10.7
8	.....	.....	25.2	28.2	90	72	S 4	WSW 5	10	10	3.6
9	.....	.....	25	28.8	88	73	Calm	SW 2	10	10	.....
10	.....	.....	24.5	28.8	89	74	Calm	WSW 2	10	10	17.8
11	.....	.....	23.5	29.9	96	71	Calm	Calm	10	10	.....
12	.....	.....	24.4	29.5	90	72	Calm	NE 1	10	10	8.2
13	.....	.....	23	29.5	93	73	Calm	NE 1	10	10	.....
14	.....	.....	24	30	96	71	Calm	Calm	10	10	6.6
15	.....	.....	23.9	30.5	95	67	Calm	NNE 1	10	10	5.3
16	.....	.....	24	29.8	97	69	NE 1	N 2	10	10	27.4
17	.....	.....	23.5	28	94	81	N 1	N 2	10	10	14.3
18	.....	.....	24.5	26.4	87	85	N 1	N 2	10	10	15
19	.....	.....	23.8	29	91	72	NW 2	N 1	10	10	4.6
20	.....	.....	23.6	30.8	90	62	NW 1	NE 1	10	10	6.1
21	.....	.....	24	30.6	93	69	Calm	NE 1	10	10	.....
22	.....	.....	24	28.3	96	84	Calm	WNW 2	10	10	.....
23	.....	.....	22.5	26.7	98	89	Calm	N 2	10	10	6.4
24	.....	.....	22.9	30.8	97	67	Calm	NNE 2	10	10	6.1
25	.....	.....	23.5	29.5	96	72	Calm	N 2	10	10	.....
26	.....	.....	24.5	30.5	95	71	Calm	N 1	10	8	4.6
27	.....	.....	24.5	31.2	92	66	Calm	NE 1	10	10	.....
28	.....	.....	23	31.2	97	64	N 1	N 3	10	10	.....
29	.....	.....	24	29	92	65	NNE 1	NE 3	10	10	52.3
30	.....	.....	23	28.1	92	70	NW 1	N 2	10	10	12
31	.....	.....	25.2	29	84	71	N 1	N 2	10	10	30
Mean	.....	.....	23.8	28.9	93.2	72.9	0.9	1.9	10	9.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	424.8

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	24	24.8	91	87	NE 1	NE 1	10	10	28
2	.....	.....	24.8	28	85	72	NNE 1	NNE 1	10	10	15
3	.....	.....	24.8	28.4	86	71	NNE 1	N 1	10	10	50.8
4	.....	.....	24	28.5	89	75	NE 1	NE 1	10	10	4.6
5	.....	.....	23.2	27.5	98	70	NE 1	NE 1	10	10	41.1
6	.....	.....	24	24.2	92	86	NE 1	N 1	10	10	17.8
7	.....	.....	25	25.1	85	86	N 1	NE 1	10	10	19.1
8	.....	.....	23.8	28.7	93	73	NE 1	N 1	10	10	8.6
9	.....	.....	24.2	26.4	92	82	NNE 1	N 1	10	10	7.7
10	.....	.....	22.7	28.6	95	71	Calm	Calm	10	10	.....
11	.....	.....	24.2	30.5	94	74	NE 1	Calm	10	10	.....
12	.....	.....	22.7	29.8	94	67	Calm	NE 3	10	10	44.4
13	.....	.....	23.7	27.2	92	86	Calm	N 1	10	10	28.4
14	.....	.....	25.6	25	87	87	NE 2	N 1	10	10	30.5
15	.....	.....	23.5	27.4	90	81	N 1	NE 2	10	10	3.8
16	.....	.....	25.4	27.4	84	83	NNW 3	NE 2	10	10	49.3
17	.....	.....	23.5	26.9	87	79	NE 1	NE 1	10	10	13.2
18	.....	.....	24.2	28.5	86	80	NNE 1	Calm	10	10	5.1
19	.....	.....	21.7	29.8	96	73	Calm	ENE 2	10	10	.....
20	.....	.....	23	28.7	96	73	Calm	N 1	10	10	.....
21	.....	.....	24	28.8	96	73	NE 1	NE 2	10	10	6.4
22	.....	.....	23.5	26.7	96	80	N 1	N 2	10	10	9.7
23	.....	.....	24.5	28.3	92	82	NNE 2	NNE 2	10	10	6.3
24	.....	.....	25.4	26	88	89	NE 1	N 2	10	10	7.1
25	.....	.....	23.5	28.9	87	76	Calm	Calm	10	10	.....
26	.....	.....	24	28.1	97	80	NE 1	E 1	10	10	.....
27	.....	.....	23.2	28	94	82	Calm	NE 1	10	10	.....
28	.....	.....	22.5	30.5	96	68	Calm	E 1	10	10	6.1
29	.....	.....	23.5	31.5	96	66	Calm	Calm	10	10	.....
30	.....	.....	23.2	28.9	97	79	Calm	NE 2	10	10	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	.....	.....	23.8	27.9	91.7	77.7	0.8	1.2	10	10	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	403

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	22.7	30.2	89	69	Calm	Calm	10	10	.....
2	.....	.....	22.8	30.5	93	67	Calm	Calm	10	10	.....
3	.....	.....	22.9	28	93	76	E 1	N 1	10	10	5.1
4	.....	.....	23.8	28.5	97	75	Calm	NE 2	10	10	2.3
5	.....	.....	24.9	25.9	89	85	NE 1	N 2	10	10	12.7
6	.....	.....	25.8	27.5	89	84	NE 3	N 3	10	10	13.9
7	.....	.....	25.4	26.6	83	83	NW 2	N 2	10	10	18.8
8	.....	.....	25	27.4	88	85	N 2	NNE 1	10	10	50.8
9	.....	.....	24.9	29.6	86	68	N 1	Calm	10	10	.....
10	.....	.....	23.5	29.8	96	73	NW 1	NW 1	10	10	2
11	.....	.....	23.5	27.3	94	79	W 1	NE 1	10	10	8.7
12	.....	.....	22.5	27.3	96	81	NW 1	N 1	10	10	3.3
13	.....	.....	23.5	30	96	65	N 1	Calm	10	10	.....
14	.....	.....	21.5	30.5	95	68	Calm	NNW 1	10	10	.....
15	.....	.....	21	29.8	89	73	Calm	NNW 1	10	10	.....
16	.....	.....	21.8	28.2	84	74	Calm	Calm	10	10	28
17	.....	.....	20.5	30	95	71	Calm	NNW 2	10	10	12.4
18	.....	.....	23	29	98	74	E 2	NE 2	10	10	6.3
19	.....	.....	25.3	25.7	85	92	N 1	NE 1	10	10	35.8
20	.....	.....	24.7	28.8	86	72	NNE 1	Calm	10	10	20.1
21	.....	.....	23	29	98	71	Calm	Calm	10	10	5.3
22	.....	.....	23.1	28.8	95	71	Calm	NE 1	10	10	1.3
23	.....	.....	23.3	28.2	97	75	N 1	NE 1	10	10	7.9
24	.....	.....	23.9	26.2	94	90	NW 1	NE 1	10	10	13.2
25	.....	.....	23.2	25.2	97	82	N 2	N 3	10	10	62
26	.....	.....	21.5	23.9	87[b]	76[b]	N 1	N 2	10	10	107.7
27	.....	.....	21	22.5	80[b]	66[b]	N 2	N 4	10	10	107.9
28	.....	.....	21	19.1	.....	.....	N 4	NE 4	10	10	115.9
29	.....	.....	19	20	83[b]	82[b]	N 3	N 1	10	10	93.7
30	.....	.....	20.9	22.5	83[b]	78[b]	NE 1	N 5	10	10	42.6
31	.....	.....	22.1	22.2	81[b]	81[b]	N 5	N 2	10	10	65.1
Mean	.....	.....	22.9	27	90.5	76.2	1.2	1.5	10	10	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	842.8

[a] The thermometer shelter was in repair.

[b] The relative humidity from December 26th to 31st do not seem to be reliable.

SUMAY, GUAM (LADRONE ISLANDS).

[ϕ=13° 24′ N; λ=144° 38′ E; barometer above sea, 20.4 meters; gravity correction not applied, —1.76 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	59.90	58.83	25.8	28.8	82	65	E	2	ENE	3	6	7	6.4
2	59.22	57.03	24.6	28	92	73	E	1	ENE	4	10	10	1.3
3	58.77	57.75	25.6	28.4	85	69	ENE	2	ENE	3	10	10	.....
4	59.78	58.48	24.4	29	90	75	ENE	1	ENE	2	10	10	3.8
5	60 65	59.45	26	29	81	75	ENE	1	ENE	2	10	10	.....
6	61.18	59.47	23.2	26.6	86	84	ENE	2	ENE	4	10	10	3.8
7	60.63	59.27	25.8	26.5	78	74	ENE	5	ENE	5	10	10	1.3
8	60.95	59.90	25.8	26.8	85	81	ENE	5	ENE	4	10	10	5.1
9	61.78	60.40	25.8	28.4	85	70	ENE	2	ENE	3	10	10	1.3
10	62.03	59.97	24.6	26.4	92	84	ENE	4	ENE	5	10	10	7.6
11	61.23	59.95	26.4	25.4	81	92	ENE	4	ENE	3	10	10	16.5
12	60.55	58.83	25.4	28.2	77	69	ENE	5	ENE	5	10	10	.....
13	60.57	58.90	25.6	27.8	76	74	ENE	4	ENE	5	10	10	2.5
14	58.48	57.93	26	28	75	69	ENE	4	ENE	5	10	10	.....
15	59.50	57.83	25.6	28	84	69	ENE	3	ENE	4	10	10	.....
16	59.58	59.35	25.8	28.8	78	63	E	2	E	4	10	10	.....
17	60.30	58.75	25.4	27.8	84	84	ENE	2	ENE	5	10	10	8.9
18	59.52	57.90	25.6	28	87	73	ENE	3	E	3	10	10	.....
19	59.87	58.25	25.6	28.6	78	59	E	3	ESE	3	10	6	.....
20	59.20	57.25	25.6	27.6	79	70	E	2	E	3	10	6	.....
21	58.87	56.95	25	28.8	80	59	E	2	E	3	10	6	.....
22	59.17	57.55	24.8	28.4	85	70	ESE	1	E	3	10	10	3.8
23	59.40	57.08	25	28.6	83	68	ENE	2	E	3	7	6	6.4
24	59.15	57.73	24	29.4	90	62	ENE	1	E	1	8	8	1.3
25	59.15	58.40	26	25.2	84	83	NE	4	ENE	2	10	10	3.8
26	59.60	57.98	24.8	27.4	83	70	ENE	3	ENE	3	10	10	.....
27	59.50	58.12	25	28	85	70	ENE	2	ENE	2	10	10	2.6
28	58.30	56.90	23.4	29.2	91	59	ENE	1	ENE	2	8	8	.....
29	58.62	57	22.6	28.6	89	64	S	1	SSW	3	7	7	.....
30	59.10	57.20	22.8	29.6	95	71	Calm		ENE	1	10	10	.....
31	58.22	56.55	24.6	27.6	87	73	ENE	2	ENE	2	10	10	.....
Mean	59.77	58.29	25.1	28	84.1	71.6	2.5		3.2		9.5	9.2	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	76.4

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	58.47	57.45	24	25.4	83	84	ENE	1	ENE	3	10	10	10.2
2	59.04	57.85	22.6	25.4	91	77	E	3	ENE	1	10	10	1.3
3	59.45	58.10	24.2	27.6	88	70	ENE	3	ENE	4	10	10	.....
4	60.07	58.85	25.6	27.6	79	70	ENE	3	ENE	4	10	10	5.1
5	61.22	60.45	23.8	26.8	91	81	ENE	4	ENE	4	10	10	3.8
6	62.88	61.43	25	27.4	83	74	ENE	5	ENE	4	10	10	.....
7	62.03	60.25	25.6	27	78	71	ENE	4	ENE	4	10	10	7.6
8	61.20	59.23	24.2	28.4	93	70	ENE	2	E	3	10	10	.....
9	60.55	59.25	22.6	29.4	91	62	E	1	SW	2	10	7	.....
10	60.54	58.80	21.4	28.6	93	63	NE	1	E	2	7	8	.....
11	62.18	59.68	24.4	27.8	78	65	E	1	ENE	4	10	10	.....
12	61.35	59.90	25	28.6	79	56	ENE	2	E	4	10	10	.....
13	61.03	59.23	25.8	29	76	63	E	2	E	4	10	10	.....
14	61.55	60.48	25	28	83	73	E	1	ENE	3	10	10	.....
15	61.95	59.25	25	27.4	83	70	ENE	2	ENE	3	10	10	.....
16	60.60	58.95	25.4	29	80	65	ENE	1	ESE	3	10	10	1.3
17	60.10	58.83	24.4	29.4	87	58	E	1	E	3	10	7	5.1
18	59.07	57.93	25.2	28.4	79	64	E	3	E	3	10	7	.....
19	58.40	57.35	24	30	85	54	Calm		ESE	2	8	7	.....
20	59.77	58.30	24	28.2	81	61	Calm		E	1	6	10	.....
21	60.40	58.98	22.2	29.4	89	52	Calm		ENE	3	10	5	.....
22	59.52	58.17	26	26	79	90	ENE	3	WNW	2	10	10	8.9
23	59.62	58.33	23.4	29.4	91	71	ENE	1	SW	1	10	8	1.3
24	59.22	58.30	25.4	29.6	79	62	ENE	2	E	3	10	8	2.5
25	59.85	57.93	25.2	29	83	64	E	1	E	3	10	7	.....
26	59.87	57.78	25.6	29	84	65	ENE	2	E	3	5	8	.....
27	59.10	57.13	26	28.6	84	71	ENE	2	E	4	8	10	.....
28	58.07	56.73	26.4	29.8	79	65	ENE	1	E	3	10	6	.....
29	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	60.25	58.75	24.6	28.2	83.9	67.5	1.9		3		9.4	8.9	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	47.1

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	58.47	57.60	26	29.4	84	67	E	3	E	3	10	6	.....
2	59	58.13	26.4	29.2	89	71	E	1	E	1	10	10	.....
3	59.47	57.78	25.6	29.2	79	60	E	2	E	3	10	7	.....
4	58.38	57.38	25.8	30	78	59	E	2	E	3	7	8	.....
5	58.93	57.23	25.6	29.6	79	62	E	1	E	4	10	7	.....
6	59.45	57.80	25.4	29.2	80	64	E	2	E	3	10	5	.....
7	59	57.63	25.4	29.6	87	61	ENE	1	ENE	4	10	10	.....
8	58.65	56.35	25.8	29	78	60	E	3	ENE	3	10	10	.....
9	58.10	56.80	24.4	29.2	83	60	ENE	2	E	4	10	10	.....
10	59.10	57.78	26	30.6	82	58	ENE	2	ESE	3	10	7	1.3
11	59.25	58.30	25.4	29	77	62	ENE	3	E	3	10	6	.....
12	58.27	56.43	25	29.4	76	59	ENE	2	E	2	10	10	.....
13	58.67	57	25.4	28.8	80	61	ENE	3	ENE	4	10	10	.....
14	59.10	57.58	25.4	29.8	84	61	ENE	3	E	3	10	5	.....
15	60.07	58.53	25	29	79	67	ENE	2	ENE	3	10	7	.....
16	60.20	58.20	25.6	30	81	53	ENE	1	E	3	10	8	.....
17	59.20	57.93	25.6	27.6	84	77	ENE	3	ENE	3	5	10	15.2
18	59.90	58.60	25.2	29	85	60	ENE	3	E	3	10	6	.....
19	59.50	57.45	25	28	76	70	E	2	ENE	3	10	10	1.3
20	59.17	57.38	25.4	27.2	84	77	ENE	3	ENE	4	10	10	3.8
21	58.45	57.25	25.4	26.8	84	84	ENE	2	ENE	3	10	10	14
22	58.80	57.78	25.6	27.6	84	68	ENE	2	ENE	3	10	10	.....
23	58.37	56.55	25.6	28.4	84	75	ENE	2	ENE	3	10	10	.....
24	58.02	56.43	25.6	28.8	84	68	ENE	2	ENE	3	6	6	.....
25	58.85	57.05	25.2	29.4	82	66	ENE	3	E	3	10	6	.....
26	59.27	57.93	24.4	29	83	69	Calm		ENE	3	10	10	.....
27	60.15	58.58	25.4	27.8	80	73	ENE	1	ENE	3	10	10	6.4
28	61.38	59.78	25.4	29.4	84	58	ENE	2	E	3	10	6	.....
29	61.45	59.93	26	29	84	60	ENE	2	E	3	10	10	.....
30	61.08	59.53	25.2	29.4	85	59	ENE	2	E	3	6	10	.....
31	60.80	59.30	25.8	29.8	78	56	ENE	2	E	3	10	10	.....
Mean	59.31	57.81	25.5	29	81.8	64.7	2.1		3.1		9.5	8.4	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	42

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	61.23	59.30	25.6	26.8	79	78	ENE	1	ENE	3	10	10	5.1
2	60.37	58.28	25.2	29.4	82	66	ENE	3	E	2	10	10	.....
3	60	58.48	25.6	29.6	84	61	E	1	E	2	10	8	.....
4	60.25	59.02	25.6	26.4	84	84	E	1	S	2	10	10	17.8
5	59.87	58.28	26.4	29.8	81	63	E	2	E	2	10	6	.....
6	59.17	57.63	25.4	29.4	84	64	ENE	1	E	3	10	5	.....
7	59.77	58.05	25.6	29.4	81	64	ENE	1	E	3	10	10	.....
8	59.85	58.50	26	29.4	84	68	ENE	2	E	3	10	10	.....
9	60.47	59.43	25.8	29.2	81	66	ENE	2	E	3	10	7	6.4
10	60.02	58.20	24.4	29.6	91	58	Calm		E	3	10	6	3.8
11	59.35	57.83	24.4	29.2	91	63	E	3	E	3	10	8	.....
12	59.35	57.78	26.2	29.8	79	65	E	3	E	3	10	8	.....
13	59.60	57.75	26.8	30	78	61	E	1	E	3	10	7	.....
14	59.85	57.88	26	28.6	84	76	E	1	ENE	3	10	10	.....
15	59.40	57.68	25.6	30	87	61	ENE	1	ENE	2	10	7	.....
16	59.08	57.50	25.4	28.4	80	75	Calm		WNW	1	10	10	.....
17	59.52	57.68	25.6	29.6	84	67	Calm		W	1	10	8	.....
18	59.93	58.70	25.6	30.6	82	63	E	1	ENE	1	10	5	.....
19	59.68	58.13	25.6	30.8	82	49	ENE	1	E	3	7	5	.....
20	59.22	57.98	26.4	30.6	81	59	E	2	E	3	10	10	.....
21	58.07	56.83	25.8	31.2	82	61	E	2	E	3	10	10	.....
22	58.95	57.28	26.4	30.4	84	63	ENE	3	E	3	10	10	.....
23	58.95	57.73	26.4	30	84	64	E	1	E	3	10	10	.....
24	58.68	57.08	26.4	29.4	78	64	E	2	E	3	10	10	.....
25	58.35	56.86	25.4	30.6	82	60	S	1	N	2	10	10	.....
26	58.20	56.56	26.8	30.6	81	62	E	1	NW	1	10	10	.....
27	58.05	56.41	24.8	29.8	90	66	Calm		W	1	10	10	.....
28	58.50	56.83	24.4	31.6	83	47	Calm		ESE	2	10	10	.....
29	58.35	56.90	24.8	29.4	77	64	E	1	SW	3	10	10	.....
30	58.88	57.68	25.6	30.8	84	58	Calm		E	3	10	7	.....
31	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	59.37	57.81	25.7	29.7	82.8	64	1.3		2.4		9.9	8.6	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	33.1

SUMAY, GUAM (LADRONE ISLANDS).

[ϕ=13° 24′ N; λ=144° 38′ E; barometer above sea, 20.4 meters; gravity correction not applied, —1.76 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.95	57.73	27	30	83	65	E 2	ESE 3	10	9	6.4
2..	59.02	57.33	26.6	30.6	80	65	E 1	E 3	7	8	.....
3..	58.83	57.23	26.8	30	75	57	E 2	ESE 3	10	10	.....
4..	59.87	58.15	26.2	29.6	81	63	E 1	ESE 3	10	10	.....
5..	60.10	58.98	26.4	30.6	81	54	E 1	E 3	10	10	.....
6..	59.48	57.93	26.8	30.6	78	58	E 1	E 3	10	5	.....
7..	60.60	58.85	26.6	31	83	56	E 1	ESE 3	10	6	.8
8..	59.68	59.50	25.8	30.6	85	58	E 1	ESE 3	10	9	.....
9..	60.45	59.20	26.4	30.6	81	64	Calm	E 3	7	8	.....
10..	60.22	58.43	24	30.4	86	59	ENE 1	ENE 2	10	10	.....
11..	58.95	57.93	27.2	30	80	61	ENE 1	E 3	7	7	.....
12..	59.98	58.48	26.8	30.6	74	58	E 1	E 4	10	5	.....
13..	60.65	59.28	26.4	30.6	81	59	Calm	ENE 4	5	8	2.5
14..	60.90	59.30	26.4	30	81	65	Calm	ESE 3	5	9	.....
15..	61.28	59.68	27	31	84	65	Calm	W 3	6	5	.....
16..	61.05	60.08	26.8	30.6	84	64	E 1	ESE 3	5	6	3.8
17..	61.93	60.58	27.4	30.4	81	65	Calm	ESE 3	5	8	2.5
18..	61.70	59.86	27	31.2	80	60	E 1	E 3	10	8	.....
19..	59.88	57.91	27	31.2	84	61	ENE 2	E 3	10	7	.....
20..	58.45	57.60	27	30.2	84	66	E 2	ESE 1	10	10	.....
21..	58.93	57.78	27.4	31.4	81	60	E 1	E 3	10	4	7.6
22..	59.18	58.18	26.8	29	86	78	E 1	E 3	10	10	2.6
23..	58.88	58.18	26.4	30.6	84	64	E 3	E 3	10	10	7.6
24..	58.83	57.50	26.2	30.4	85	64	ENE 3	E 4	10	10	.....
25..	59.50	58.23	26	30.8	84	63	E 1	E 3	10	8	7.6
26..	60.25	59.05	26.6	28.4	87	77	ESE 3	E 4	10	10	7.6
27..	60.52	59.68	26.4	26.6	89	87	E 1	E 1	9	10	10.2
28..	59.98	58.58	27	29.4	89	74	E 3	E 3	10	10	.....
29..	60	58.90	26.4	29	84	69	E 2	SE 3	10	10	.....
30..	60.73	60.13	25.8	29.4	85	67	ENE 3	E 3	10	10	8.9
31..	61.68	60.55	26	30	89	65	E 1	E 3	10	7	3.8
Mean	60.01	58.74	26.5	30.2	82.9	64.2	1.3	3	8.9	8.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71.9

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	60.98	59.13	26	29.8	84	65	ENE 3	E 4	10	7	.....
2..	60.35	58.70	27	30	81	66	ENE 3	ESE 4	6	10	.....
3..	59.43	58.10	27	30	80	64	ENE 1	ENE 3	10	7	.....
4..	59.05	57.80	26.4	28	84	76	ENE 3	E 3	10	10	.....
5..	58.95	58.40	27	30.4	80	64	ESE 1	E 3	10	8	.....
6..	59.58	58.20	26.8	28.6	84	73	E 1	E 4	10	10	2.5
7..	60.20	59	26.4	31	84	62	E 2	E 3	10	10	3.8
8..	60.15	59.13	26.4	29.8	87	69	ENE 2	E 4	10	10	1.3
9..	59.78	58.53	26.6	30.6	84	62	ENE 2	E 4	10	8	.....
10..	60	58.20	26.8	30.6	80	62	ENE 1	E 4	8	8	.....
11..	59.25	58.20	26.6	30.6	84	64	ENE 1	E 3	7	8	.....
12..	58.80	58.40	26.8	30.2	77	59	ENE 1	E 2	10	9	.....
13..	59.65	58	26.4	30.2	84	65	E 1	E 4	10	6	.....
14..	59	57.55	26.4	29.8	84	67	ENE 3	ENE 3	10	7	2.5
15..	58.98	58.50	27	30.6	86	67	E 2	E 3	10	10	3.8
16..	59.75	57.73	26.6	30.4	86	66	E 1	E 3	10	8	2.5
17..	59.40	59	24.8	27.4	88	84	Calm	N 2	9	10	.....
18..	59.75	58.90	27	31.2	89	66	ENE 1	E 1	7	9	.....
19..	60.28	59.73	27.4	26.4	84	87	ENE 1	N 1	10	10	11.4
20..	60.27	58.93	26.4	27.4	84	84	ENE 1	ENE 3	10	7	7.6
21..	58.97	57.10	26.4	30	87	65	ENE 2	E 2	7	7	.....
22..	57.65	56.58	25.4	26.4	88	86	Calm	N 1	10	10	2.5
23..	57.80	57.53	25.8	27.4	85	83	Calm	N 1	7	10	17.8
24..	59.15	58.70	25	31	92	62	Calm	ENE 1	6	8	.....
25..	59.22	58.25	25.4	28.4	90	79	Calm	S 2	10	10	12.7
26..	58.70	58.57	26.4	24.4	87	97	Calm	S 1	7	10	14
27..	59.08	58.30	26.4	29	86	74	Calm	N 1	7	9	20.3
28..	59.98	59.13	25	29.6	92	69	Calm	SSE 3	10	10	1.3
29..	59.80	58.68	25.4	29	88	72	SSE 1	SE 2	8	8	8.9
30..	58.85	57.75	24.4	25.8	88	93	Calm	W 1	10	10	43.2
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.43	58.36	26.2	29.1	85.2	71.7	1.1	2.5	9	8.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	156.1

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.15	58.05	25	27.2	88	81	Calm	S 1	10	10	25.4
2..	58.05	57.48	24.8	29.4	90	71	Calm	SSE 1	10	10	1.3
3..	57.98	57	26	30	89	71	SE 1	ESE 2	10	10	.....
4..	57.53	56.58	26.8	27.4	86	84	S 1	W 2	10	10	16.5
5..	57.60	57	25	28	92	85	SE 1	Calm	10	10	26.7
6..	58.15	57.28	25.4	28.4	92	79	Calm	ESE 3	10	10	.....
7..	57.95	57	27	29	84	74	ENE 2	ESE 2	8	10	6.4
8..	59.43	57.18	25.4	29.4	88	74	Calm	ESE 2	8	10	43.2
9..	59.15	57.73	23.4	27.4	97	84	S 1	NNW 1	10	10	8.9
10..	58.65	57	25.2	30	92	75	Calm	ENE 3	10	10	1.3
11..	57.62	56.70	26.4	30	89	78	E 1	ESE 3	10	10	7.6
12..	58.55	57	24.8	30	95	77	Calm	ESE 2	10	10	.....
13..	57.73	55.90	27	30.6	84	74	ENE 1	E 3	10	8	.....
14..	56.43	55.63	25.8	30.6	90	69	Calm	E 2	7	8	.....
15..	56.93	57.33	27.4	28	84	86	ENE 1	NNW 3	8	10	35.6
16..	58.90	57.60	24.2	28.4	97	82	E 2	E 1	10	10	6.4
17..	57.90	57.33	25.8	30.6	92	77	Calm	E 1	10	10	7.6
18..	57.88	57.78	27.2	28.8	86	76	Calm	ENE 3	8	10	3.8
19..	58.42	57.20	26	30.2	90	71	E 1	E 3	10	8	3.8
20..	58.58	58.30	25	24	92	91	Calm	S 1	10	10	31.7
21..	59.25	58.33	25.4	29	92	71	S 1	WSW 2	10	7	.....
22..	59.83	58.73	27.6	29.6	84	77	Calm	WNW 2	7	8	.....
23..	59.65	58.43	26.8	28.4	81	77	Calm	WSW 1	7	10	26.7
24..	58.48	57.45	25.6	26	84	89	WSW 1	N 1	10	10	7.7
25..	57.78	57.03	26.4	28.6	84	80	WSW 1	WSW 1	10	10	8.9
26..	57.87	58.10	25.4	25.4	92	92	Calm	SW 1	10	10	29.2
27..	58.40	57.43	24.4	27.4	95	84	S 1	NNW 2	10	10	7.6
28..	59.18	58.13	24.8	28	93	86	Calm	SW 2	10	10	6.4
29..	59.83	58.73	25.4	28.2	90	79	Calm	SW 1	10	10	8.9
30..	59.68	59.10	24.4	26.8	93	89	Calm	S 1	10	10	1.3
31..	59.95	59.40	25.2	28.6	95	80	Calm	S 1	10	10	24.1
Mean	58.43	57.55	25.6	28.5	89.7	79.5	0.5	1.7	9.5	9.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	347

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.77	58.85	24.8	28.2	92	82	ENE 1	ENE 3	10	10	7.6
2..	59.32	57.95	24	26.6	95	87	Calm	N 1	10	10	12.7
3..	59.08	58.20	24	29.6	95	77	Calm	W 1	10	10	.....
4..	59.13	57.95	26	26.8	87	87	ENE 3	ENE 1	10	10	30.5
5..	58.87	57.23	26.4	25.6	84	87	ENE 2	N 1	6	10	16.6
6..	57.30	57.17	24.4	26.2	91	90	E 1	SW 2	10	10	46.9
7..	57.85	57.73	23.8	27.8	95	79	Calm	NW 1	10	10	10.2
8..	57.65	57.03	25.2	25.2	93	95	Calm	E 1	10	10	10.2
9..	57.32	56.77	24.4	24.8	95	93	Calm	S 1	10	10	61
10..	57.75	57.75	25.4	25.8	92	92	E 1	S 1	10	10	8.9
11..	59	57.75	24.4	29.4	95	75	Calm	W 2	10	10	.....
12..	58.63	57.15	26.2	28.6	90	79	ENE 1	E 2	10	10	.....
13..	57.08	55.70	26.6	29.8	87	73	E 1	SE 3	10	10	2.5
14..	55.93	55.92	25.4	26.8	92	89	SE 1	SSE 2	10	10	53.4
15..	56.60	56.45	25	28.2	88	76	W 3	SW 3	10	10	1.3
16..	57.22	56.60	25.4	28.2	85	69	WSW 1	SW 3	10	10	14
17..	58.07	56.05	23.8	27.4	97	84	W 1	SW 3	10	10	.....
18..	57.35	57.53	26.4	27.4	84	84	WSW 3	WSW 3	10	10	13.9
19..	57.60	56.38	25	27	92	84	WSW 2	SSW 3	10	10	8.9
20..	57.60	56.25	25.8	29.8	88	78	WSW 3	WSW 3	10	8	.....
21..	57.10	56.68	27	30	84	74	SW 3	SSW 3	10	7	.....
22..	58.05	57.95	26	29.4	90	75	SE 2	S 3	8	8	.....
23..	59.62	59.33	23.8	28.6	93	80	SSE 2	SW 3	10	10	.....
24..	61.40	60.28	25.4	27	84	90	SSE 1	S 1	10	10	45.7
25..	60.05	58.53	26.2	28.4	90	76	ENE 1	W 1	10	10	1.3
26..	58.50	56.95	25.2	29.2	92	75	SE 1	SE 1	10	10	10.2
27..	58.15	57.55	23.4	26.4	97	89	Calm	N 1	10	10	24.1
28..	58.70	57.88	24	26.4	91	89	Calm	Calm 1	10	10	22.9
29..	58.07	56.53	25	29.2	92	72	Calm	S 3	10	10	40.6
30..	57.02	56.70	24.2	27.6	95	87	SSW 1	SSE 1	10	10	7.6
31..	57.87	56.95	25.2	27.4	88	81	Calm	E 2	10	10	19.1
Mean	58.18	57.35	25.1	27.7	90.7	82.2	1.1	1.9	9.8	9.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	470.1

SUMAY, GUAM (LADRONE ISLANDS).

[ϕ=13° 24′ N; λ=144° 38′ E; barometer above sea, 20.4 meters; gravity correction not applied, —1.76 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	58.70	58.20	25.4	23.4	92	98	SE	1	S	1	10	10	88.9
2	58.87	58.38	24.4	27.4	91	80	SSE	1	SE	1	10	10	22.9
3	58.90	57.75	24.2	28.8	85	73	Calm		N	1	10	10	2.6
4	58.95	56.85	25.4	29.4	88	68	Calm		ESE	2	10	10	.....
5	59.35	58.55	26	25.4	85	90	E	1	SE	2	10	10	45.7
6	59.67	58.80	24	28.6	95	73	Calm		ESE	3	10	10	.....
7	58.95	57.70	25.6	27.8	87	83	ESE	1	ENE	1	10	10	30.5
8	59.17	58.08	23	25.4	95	92	Calm		Calm		10	10	30.5
9	58.70	57.73	26.4	28	89	83	Calm		S	1	10	10	7.7
10	58.65	56.93	26	25.4	89	90	ENE	1	S	1	10	10	20.3
11	58.55	58.23	24.2	26.4	93	90	ENE	1	W	1	10	10	16.5
12	60.15	58.55	24.6	28.4	95	79	Calm		S	1	10	10	81.3
13	60.20	58.78	24.8	28.2	90	74	ENE	3	E	2	10	10	2.5
14	59.25	57.80	24.4	29	95	76	Calm		N	1	10	6	.....
15	59.67	58.10	24.8	28.2	93	76	Calm		S	3	10	10	.....
16	58.95	56.85	26.8	28.4	83	77	ENE	3	N	1	10	10	17.8
17	57.77	56.11	25	29.4	92	75	Calm		N	1	6	7	.....
18	58.60	57.85	26.6	28.2	84	82	ENE	1	E	1	10	10	22.9
19	59.15	58.08	26.2	28.8	90	69	ENE	1	E	2	10	10	20.3
20	59.45	58.53	25.4	28.2	92	76	Calm		ENE	3	10	10	.....
21	59.58	57.83	26	28.4	87	80	ENE	1	E	3	10	10	27.9
22	59.05	57.88	24.6	26.8	92	84	SSE	1	ENE	1	10	10	16.6
23	58.62	57.58	24.4	26.4	91	89	S	1	SE	2	10	10	76.2
24	58.75	57.58	24	27.6	88	74	SSE	3	ESE	3	10	10	.....
25	58.05	56.78	24.2	26.8	90	84	Calm		W	3	10	10	35.6
26	59.05	58.08	25.4	24.4	92	91	Calm		S	1	10	10	58.4
27	59.67	57.73	25.4	29	90	71	E	1	E	1	10	10	30.5
28	59.05	58.48	25	25.6	88	82	SSE	1	W	3	10	10	3.8
29	59.40	57.90	25	29.2	87	70	ENE	3	ENE	3	10	10	15.2
30	58.98	58.48	24.4	24.4	91	90	E	1	S	1	10	10	10.2
31	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	59.06	57.87	25.1	27.4	90	80.6	0.9		1.7		9.9	9.8	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	684.8

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	59.87	58.70	24	25.6	91	82	S	1	ENE	3	10	10	10.2
2	59.32	58.52	23	25.6	91	81	ENE	3	ESE	2	10	10	12.7
3	59.02	57.95	24.2	26.2	90	85	E	1	W	1	10	10	6.4
4	58.57	57.25	25	27	85	84	SSE	2	SSE	2	10	10	2.6
5	58.10	57.07	23.4	27.4	97	84	ESE	1	SE	2	10	10	5.1
6	58.50	58.18	23.8	26.6	93	89	Calm		Calm		10	10	15.2
7	59.95	58.50	25.4	28.8	92	76	Calm		ENE	3	10	8	.....
8	59.55	58.13	26.4	29	89	75	ENE	3	E	3	8	8	.....
9	60.68	58.43	26.6	29	84	78	E	1	E	3	6	10	17.8
10	60.45	59.53	24	27.8	91	80	E	1	E	3	10	10	15.2
11	61.68	59.77	25.8	26.2	88	76	E	1	E	3	10	10	7.6
12	60.85	59.33	26.4	28.2	84	80	ENE	2	E	4	10	10	2.5
13	60.45	58.73	25.6	27.4	88	83	E	2	E	4	10	10	5.1
14	60.75	58.48	25.4	26.4	92	90	SE	2	E	2	10	10	14
15	58.85	56.73	26.4	29	84	69	ENE	3	E	3	10	10	.....
16	57.27	56.08	25.2	26.4	83	86	ENE	2	E	4	8	10	17.7
17	57	56.07	24	25	86	88	ESE	1	S	1	10	10	133.3
18	58.67	56.75	23	27.6	95	84	SW	3	E	3	10	10	33
19	58.12	56.65	25.4	29.4	88	72	E	1	ESE	2	10	9	3.8
20	58.38	56.80	25.4	29.6	87	70	ESE	1	ESE	3	10	9	2.5
21	59.75	57.78	25.4	28	85	80	E	1	N	1	10	10	.....
22	59.07	57.33	26	28.4	89	73	ENE	1	ENE	3	10	10	2.5
23	58.27	56.93	26.4	29	84	71	ENE	3	ENE	3	10	8	.....
24	58.35	56.63	26.4	27	89	84	ENE	3	ENE	3	10	10	2.6
25	57.87	55.93	24.4	29.2	88	71	ENE	1	E	2	10	10	.....
26	57.45	55.83	25.6	28.2	90	76	E	1	S	1	10	10	.....
27	58.38	56.78	24.6	29.8	92	71	Calm		NE	2	10	5	.....
28	57.89	56.95	26.5	26.5	80	90	NE	2	ENE	2	5	8	17.3
29	58.07	56.82	26.8	27	86	88	ENE	3	E	2	5	9	1.3
30	56.95	56.48	26.7	27.5	86	84	E	1	ENE	1	9	9	.....
31	57.10	55.82	25.9	29.3	91	69	Calm		ENE	2	1	2	.....
Mean	58.88	57.45	25.3	27.7	88.3	79.6	1.5		2.4		9.1	9.2	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	328.4

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	58.07	56.78	26.5	29.1	84	74	ENE	2	SE	2	2	7	1.3
2	58.45	57.95	25.5	26.5	92	74	Calm		Calm		3	10	4.6
3	59.07	57.83	25.6	29	91	74	Calm		ENE	3	9	10	1.3
4	58.87	57.83	26.2	28.6	85	71	NE	1	ENE	2	8	4	4.3
5	59.95	58	26.2	29	86	73	ENE	1	ENE	2	3	4	1.5
6	59.10	57.39	26	28.5	88	74	NE	2	ENE	3	3	6	16.5
7	58.57	57.13	25.5	28	88	77	ENE	0	ENE	3	7	9	.....
8	58.55	56.98	26	25.2	88	86	ENE	2	ESE	1	9	10	16.3
9	58.40	56.98	25.6	27.2	89	84	ESE	0	ENE	1	10	9	8.7
10	58.10	56.70	26	29	85	71	ENE	0	E	1	3	4	2.3
11	58.05	56.75	25.3	29.5	84	71	SSE	0	SE	1	4	7	1.8
12	59.05	57.33	26	29	90	72	E	0	E	3	2	7	.5
13	59.48	57.66	26.2	29	86	74	ESE	1	WSW	0	3	7	14.3
14	58.55	56.65	25.2	28.5	90	78	NE	0	NE	3	1	2	.3
15	56.98	56.90	26.5	28	80	74	ENE	1	SE	1	1	9	3.1
16	58.57	57.28	25.8	29	87	71	ENE	0	E	0	2	4	.....
17	58.77	56.48	25.6	28	87	77	NE	1	NE	2	7	4	.....
18	57.57	56.73	25.6	29.5	88	75	NE	1	ENE	1	1	7	1.5
19	58.17	56.83	25.8	29	93	65	NE	0	ENE	2	7	8	33.5
20	59.37	57.85	24.5	28.6	92	77	SE	0	ESE	2	9	10	.8
21	59.50	58.83	25.5	29	84	68	ESE	0	E	1	3	4	.5
22	58.98	58.10	26.5	29.5	88	75	ENE	1	ENE	2	8	7	.....
23	58.93	57.78	26.5	29.2	88	76	ENE	0	ENE	1	3	6	.....
24	58.98	58.45	26.5	26.4	86	89	ENE	1	ENE	0	3	9	15.2
25	59.97	58.30	26	29.4	90	71	NE	1	E	2	1	8	.....
26	59.57	57.78	25.8	29.2	85	70	NE	0	E	0	1	3	.....
27	59.27	57.83	25.5	28.8	81	68	ENE	0	NE	0	1	3	.....
28	59.57	58.78	25.4	26.5	83	88	NE	0	NE	1	2	9	.....
29	59.82	59.15	26.5	29.4	83	71	NE	0	NE	0	1	2	.....
30	60.45	58.83	23.6	27.4	91	71	ENE	0	E	1	5	6	.....
31	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	58.89	57.60	25.8	28.4	87.1	74.6	0.5		1.4		4.1	6.5	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	128.3

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	60.32	58.85	25.2	28	83	66	NE	0	ENE	2	5	1	9.1
2	60.18	58.63	24.6	28.5	92	70	ENE	1	ENE	3	1	1	.....
3	59.87	58.35	25.5	28.5	80	67	ENE	2	ENE	2	5	3	1.8
4	59.87	57.35	25.5	28.4	84	70	NE	3	NE	3	4	3	.....
5	58.45	57	26.5	25.8	85	92	NE	1	ENE	2	7	9	8.9
6	58.05	55.95	26	28	89	77	NE	1	ENE	3	5	9	4.1
7	56.57	55.45	26	28.5	92	73	ESE	1	ESE	2	8	5	9.2
8	57.98	57.53	25.5	29.5	92	71	Calm		ESE	2	6	5	1.8
9	58.90	57.80	26.5	29	88	72	ENE	1	ESE	2	5	6	1
10	59.05	56.78	26	29.5	92	72	ESE	0	ESE	1	4	5	.8
11	57.08	55.88	26.5	28.8	84	75	ENE	1	ENE	1	8	4	.....
12	56.97	56.73	25.3	28.2	86	66	NE	1	NE	1	3	3	.....
13	58.15	56.80	24.8	28.2	80	68	ENE	1	ENE	1	2	1	.....
14	58.17	57.38	25.2	28.5	83	67	NE	1	E	1	1	3	.....
15	58.70	56.85	25	29.4	87	66	ENE	1	E	2	5	4	.....
16	58.07	56.23	25.5	29	86	67	ESE	1	ESE	2	1	3	2.5
17	57.90	56.78	25.5	27.5	80	79	NE	1	NE	3	7	8	4.1
18	58.62	57.28	25	27.8	92	77	ENE	1	ENE	2	9	10	2.1
19	59.35	57.98	25	28.4	88	76	ESE	1	NE	2	7	7	.....
20	58.82	57.35	25.5	28.8	80	69	ENE	1	ENE	2	2	6	.....
21	59.12	57.89	25.6	29	82	68	ENE	1	ENE	2	9	8	4.1
22	58.07	57.83	26	28.6	76	65	ENE	1	ENE	2	4	3	1.3
23	59.07	57.52	26.2	26.5	79	88	ENE	1	ENE	3	2	9	2.6
24	58.98	58.85	26.4	28.4	77	70	E	1	E	3	4	8	.....
25	57.78	57.30	26	28	89	77	Calm		SE	1	4	7	1.3
26	56.65	55.88	26	28.4	81	65	SW	1	SE	1	5	5	.....
27	57.20	55.83	23.6	28.2	91	73	Calm		S	1	1	8	27.9
28	58.07	56.05	23.4	25.4	97	88	W	1	WNW	2	10	8	9.4
29	57.20	57.02	23	26.8	95	83	Calm		W	2	7	7	14
30	58.20	56.83	22.6	27.2	91	84	SW	1	NNE	1	4	6	.....
31	59.95	57.78	24	28.2	95	70	Calm		ESE	2	4	4	15.2
Mean	58.43	57.15	25.3	28.2	86.3	73.3	0.9		1.9		4.8	5.5	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	120.7

CALAPAN.

[ϕ=13° 25′ N; λ=121° 11′ E; barometer above sea, 5.05 meters; gravity correction not applied, —1.76 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.84	57.24	23.4	30	97	72	Calm	NE 1	10	6	0.5
2..	59.08	57.71	23.5	30.3	91	66	Calm	NE 1	9	4	.....
3..	59.78	58.75	22.5	28	88	74	Calm	NE 2	6	9	.....
4..	.....	60.56	24.2	25.6	86	81	NE 1	NE 3	10	10	9.4
5..	.....	.....	24.5	26.4	84	71	NE 2	E 1	10	10	2.3
6..	.....	.....	24.7	25	70	80	NE 1	NE 1	10	10	6.6
7..	62.82	61.75	23	28	93	70	Calm	NE 1	10	10	.....
8..	63.76	62.23	24	28.5	92	67	Calm	E 1	10	10	6.1
9..	64.72	62.43	24	25.5	90	82	Calm	NE 2	10	10	15.2
10..	63.89	63.66	23.2	24	93	86	NE 3	NE 3	10	10	2.3
11..	65.28	62.82	24	24	79	83	NE 3	NE 3	10	10	.8
12..	63.22	61.57	24	26.1	85	81	NE 2	NE 1	10	10	.....
13..	61.66	60.31	24	26.6	91	80	Calm	NE 1	10	10	1
14..	60.92	59.83	24.5	27	92	80	Calm	Calm	10	10	.....
15..	60.60	59.20	24	29.6	87	64	Calm	NE 1	10	9	7.4
16..	60.81	59.45	23.2	26.5	93	81	Calm	NE 1	10	10	2.5
17..	60.32	59.05	24	28.1	96	73	Calm	NE 1	10	10	.5
18..	60.60	57.82	25	27	84	73	Calm	NE 2	10	10	2.5
19..	59.72	57.47	24.1	26	92	80	Calm	NE 2	10	10	.3
20..	59.60	57.62	24.1	27	91	75	NE 1	NE 1	10	10	29.5
21..	58.75	57.59	23	24.6	97	92	Calm	Calm	10	10	10.2
22..	59.71	58.28	24.1	25.6	84	79	NE 1	NE 1	10	10	.5
23..	59.32	57.65	24	28.5	95	76	Calm	NE	10	10	5.1
24..	59.32	58.43	24	27.1	96	72	Calm	N	10	10	1.3
25..	59 76	59.14	24	24.5	87	85	NE 1	NE 3	10	10	9.1
26..	60.32	58.57	24	27.2	95	75	NE 2	NE 2	10	8	8.9
27..	59.76	58.57	24.4	26	91	81	NE 1	E 1	10	10	13.7
28..	59.72	57.95	24	31	96	51	Calm	NE 1	10	8	24.6
29..	59.87	58.58	22.7	26.3	97	76	Calm	NE 2	10	10	.3
30..	60.22	58.97	23.8	25.5	85	80	NE 3	NE 3	10	10	3.8
31..	59.92	58.17	22	28.4	91	68	Calm	NE 1	9	10	.5
Mean	60.80	59.36	23.8	26.9	89.9	75.9	0.7	1.5	9.8	9.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	164.9

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.72	58.30	23.5	24.8	90	83	Calm	NE 2	10	10	1.8
2..	58.84	58.29	24	25.5	86	81	NE 2	NE 2	10	10	2.1
3..	59.92	58.91	23.5	26.1	87	79	Calm	NE 2	10	10	.....
4..	60.81	59.60	23.8	26	89	80	NE 1	NE 2	10	10	4.1
5..	60.98	60.51	23.8	26.1	86	78	NE 2	NE 1	10	10	.3
6..	61.90	60.88	23.6	27	86	78	NE 3	NE 1	10	10	.....
7..	61.80	60.25	24.5	27.8	89	70	Calm	NE 1	10	8	3.8
8..	61.75	59.33	24	28.4	96	73	Calm	E 2	10	7	.....
9..	61.20	59.23	21	29.4	92	65	Calm	NW 1	10	8	.....
10..	61.22	60.48	23.6	25.5	81	76	NE 2	NE 3	10	10	.....
11..	61.81	60.04	24	25.8	81	73	NE 3	NE 2	10	10	2.8
12..	61.83	60.51	23.2	26.7	95	79	Calm	NE 1	10	10	1.3
13..	61.81	61.07	23.5	25	87	78	NE 2	NNE 3	10	10	.8
14..	63.05	61.76	23.2	24.2	76	74	NE 3	NE 3	10	10	2.5
15..	62.83	60.74	23.1	24.6	95	91	NE 2	NE 1	10	10	4.3
16..	61.10	58.75	24	28	96	74	NE 1	NE 2	9	7	.5
17..	59.76	57.68	22.5	27	98	75	Calm	NE 1	7	10	7.6
18..	58.84	57.03	24	25	96	92	Calm	Calm	10	10	9.4
19..	58.37	56.73	23	25	97	92	Calm	Calm	10	10	13.8
20..	59.65	59.71	23	24.5	95	79	NE 1	Calm	10	10	16.1
21..	61.32	61.10	24	25.1	79	77	NE 1	NE 1	10	10	6.1
22..	61.95	60.38	22.2	26.5	90	76	Calm	NE 1	10	8	.....
23..	60.82	59.57	22.2	26.2	94	73	Calm	Calm	10	10	.3
24..	60.18	58.08	23.5	28	96	67	Calm	E 1	10	7	.8
25..	59.23	58.12	24	28	91	74	Calm	NE 2	10	8	.....
26..	59.12	[b]57.30	24.2	....	96	....	NE 1	.....	8	.....	.....
27..	[b]58.50	[b]56.80	.....	.....	.....	.....	.....	.....	.....	.....	.....
28..	58.16	56.69	24.5	29.5	96	63	NE 1	NE 2	8	4	.....
29..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	60.59	59.21	23.5	26.4	90.4	76.9	0.9	1.4	9.7	9.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]78.4

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59	57.13	25	29	88	71	NE 1	E 2	9	4	0.5
2..	59.01	56.65	25.2	28.1	90	74	Calm	NE 1	10	8	.....
3..	58.72	56.70	25	28.5	88	76	Calm	E 1	9	8	.....
4..	57.90	56.27	25	28	95	77	Calm	E 1	7	10	1.3
5..	57.86	56.90	25	26.5	94	84	Calm	Calm	9	10	.....
6..	59.06	57.69	25.5	29.5	88	62	Calm	NE 1	8	3	.....
7..	59.57	57.89	25	30	88	66	Calm	NE 1	10	3	.....
8..	58.81	56.75	25.1	28.4	89	71	Calm	E 1	10	10	8.1
9..	58.14	56.69	25.1	29	88	68	Calm	NE 1	10	4	6.4
10..	59.02	57.47	24.7	30.4	94	66	Calm	NE 2	10	6	.8
11..	58.50	57.20	25.2	30.2	86	66	Calm	E 1	10	7	9.7
12..	58.69	56.95	24.4	29	95	78	Calm	NE 1	10	10	.....
13..	58.43	57.21	22.5	28.5	91	73	Calm	NE 2	10	10	.....
14..	59.03	58.73	23.5	29.3	96	66	Calm	E 1	10	10	.....
15..	60.84	59.58	25.3	29	84	65	Calm	NE 1	10	7	1.8
16..	60.84	59.20	24.4	29	89	69	Calm	NE 1	10	10	3.6
17..	60.07	58.42	23.5	29	96	72	Calm	Calm	10	10	8.1
18..	60.15	59.04	25.2	31	90	62	Calm	E 1	7	4	4.8
19..	59.68	58.18	25.5	30	93	68	Calm	E 2	9	9	.5
20..	59.70	58.58	24.1	30	95	62	Calm	E 2	4	3	.....
21..	60.04	59.04	24	30	96	65	Calm	E 1	9	2	.....
22..	60.84	59.57	23.5	29.8	94	62	Calm	ESE 1	8	3	5.8
23..	60.07	59.27	24	28	94	72	Calm	E 1	9	10	.5
24..	59.70	58.33	23.5	29.7	91	65	Calm	NE 1	10	6	.....
25..	59.87	58.97	24.8	29.2	89	68	Calm	E 1	10	10	2.8
26..	60.22	58.36	23.5	28.5	93	73	Calm	Calm	10	8	34
27..	60.30	59.30	23.5	27.6	96	76	Calm	E 1	9	8	.8
28..	60.76	60.23	23.5	28.5	94	71	Calm	E 2	10	10	1
29..	61.21	60.10	23.5	30.6	93	63	Calm	NE 1	9	7	.....
30..	60.87	58.79	26.5?	29.4	83?	66	Calm	NE 1	10	7	1.5
31..	59.69	58.37	23.8	31.4	97	58	Calm	E 1	10	7	.....
Mean	59.57	58.18	24.5	29.2	91.5	68.9	0	1.1	9.2	7.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	92

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	60.28	58.04	25.6	30.6	79	68	Calm	SE 1	10	6	.....
2..	59.38	58	25.5	29.5	88	71	Calm	E 2	6	8	.....
3..	59.54	57.15	25.1	30.6	91	68	Calm	E 2	10	10	20.3
4..	59.40	58.87	25.5	30	92	65	Calm	NE 1	10	8	7.6
5..	59.71	57.87	23.5	31.5	92	65	Calm	E 1	10	9	11.9
6..	59.18	57.30	24.1	29	99	74	Calm	Calm	10	8	2.5
7..	58.60	56.53	25	30	96	71	Calm	E 1	9	9	8.1
8..	57.89	56.42	24	28	98	80	Calm	Calm	10	10	32.2
9..	58.62	57.36	23.8	26.2	97	92	Calm	Calm	10	10	1.3
10..	58.77	57.33	24	28.1	95	78	Calm	SE 1	4	8	.....
11..	57.55	56.10	23.6	30.5	86	70	Calm	E 3	8	4	.....
12..	57.18	55.57	23.5	31	96	62	Calm	ESE 2	10	6	.....
13..	57.74	56.98	23.8	30.6	94	70	Calm	E 2	6	6	.....
14..	58.79	57.09	23.2	31.9	94	62	Calm	E 1	10	9	.....
15..	58.87	56.50	22.6	31.5	89	61	Calm	NE 1	9	4	.....
16..	57.66	56.10	24.5	31.5	92	66	Calm	NW 1	8	9	.....
17..	58.17	56.38	24.3	31	93	67	Calm	Calm	9	9	.....
18..	58.14	56.76	23.5	29	90	78	Calm	E 2	10	7	.....
19..	58.14	56.28	23.5	31.7	87	63	Calm	NE 2	9	6	.....
20..	58.27	56.68	24	31	88	66	Calm	NE 2	4	4	.....
21..	57.52	55.88	23	31.7	86	65	Calm	SE 1	8	4	.....
22..	57.74	56.58	24	31.5	93	69	Calm	NE 2	9	6	.....
23..	56.72	56.88	23.8	30	86	71	Calm	E 1	10	9	.....
24..	58.37	56.95	24	32.5	87	62	Calm	E 1	8	8	6.4
25..	58.56	57.59	24.5	31	96	67	Calm	NE 2	10	9	.....
26..	58.16	56.94	25	31.3	92	68	Calm	E 1	10	6	.....
27..	57.96	56.93	25	32.5	95	55	Calm	E 1	10	9	.....
28..	58.04	56.28	23.8	32	88	61	Calm	NE 1	10	10	6.1
29..	58	55.88	25.5	31.5	96	57	Calm	E 2	10	8	5.1
30..	57.12	56.35	24.8	28.6	89	78	Calm	Calm	9	10	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.34	56.80	24.2	30.5	91.5	68.3	0	1.2	8.9	7.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	101.5

[a] 27 days of observation.

[b] These readings were taken from a self-recording apparatus.

NOTE: The barometric readings of this station seem to be somewhat too high.

CALAPAN.

[ϕ=13° 25′ N; λ=121° 11′ E; barometer above sea, 5.05 meters; gravity correction not applied, —1.76 mm.]

MAY.[a]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.54	56.04	23.5	32.4	93	56	Calm	NW 2	10	7	66.8
2..	58.28	57.24	25	31	96	72	Calm	NE 2	10	10	.....
3..	57.08	56.10	23.9	29.4	93	79	Calm	NE 1	10	10	.....
4..	57.73	56.78	22.5	31.9	89	70	Calm	NW 1	10	10	5.6
5..	58.32	57.19	24	29.7	95	75	Calm	Calm	10	10	3.8
6..	58.37	56.74	23.5?	30.2	87?	72	Calm	Calm	10	10	.....
7..	58.09	57.23	23.5	28.6	91	78	Calm	Calm	8	10	.5
8..	58.24	56.73	23.2	30	94	70	Calm	E 2	10	8	3.3
9..	58.80	57	23.5	31.5	96	65	Calm	NE 1	10	10	3.8
10..	58.67	56.83	24	30	87	75	Calm	NW 1	10	10	.....
11..	57.74	56.12	24	31.1	91	67	Calm	Calm	10	8	.....
12..	58.53	56.58	24.1	31	92	72	Calm	NW 2	10	8	.....
13..	58.72	57.06	24.1	31	91	66	Calm	NE 2	10	7	.....
14..	59.72	58.12	24.5?	33.5	92?	66	Calm	ESE 1	7	6	.....
15..	60.32	58.25	25	32.4	92	64	Calm	ESE 1	10	7	.....
16..	59.70	58.18	23.5	31.4	88	66	Calm	E 2	10	6	.3
17..	59.38	58.03	22.5	32.2	85	59	Calm	E 2	4	4	.....
18..	59.82	58.37	23	33	90	55	Calm	E 1	6	3	17.3
19..	59.86	58.07	23.5	31.4	94	68	Calm	SE 1	9	10	25.7
20..	58.24	57.57	24	28.8	87	72	Calm	NE 2	9	8	.3
21..	57.78	57	23.5	29.1	90	74	Calm	E 1	10	10	.....
22..	58.85	57.32	23.5	31.9	88	64	Calm	SE 1	10	9	2.5
23..	59.05	58.71	22.9	26.9	92	85	Calm	NE 1	10	10	.6
24..	58.92	57.74	22.6	29	91	71	Calm	E 0	10	10	11.4
25..	58.77	57.18	23.5	26.4	96	90	Calm	Calm	10	10	9.1
26..	58.38	57.51	22.5	26.7	94	87	Calm	Calm	10	10	10.7
27..	58.94	57.79	23.5	31.5	90	69	Calm	NE 1	10	6	.....
28..	58.53	57.38	23.5	29.5	91	71	Calm	NE 1	10	10	.....
29..	58.63	b56.20	24	....	96	....	Calm	.....	8	....	.....
30..	b58.20	b57.20	.....	.....	.....	.....	.....	.....	.....	.....	.....
31..	58.31	57.37	24.2	31.2	94	68	Calm	NE 2	10	10	.....
Mean	58.63	57.28	23.6	30.4	91.5	70.6	0	1.1	9.4	8.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	161.7

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.81	57	24.3	30.7	91	71	Calm	E 2	10	10	5.3
2..	58.61	57.45	25	26.1	96	79	Calm	SE 1	10	10	5.3
3..	57.58	56.07	25	31	97	72	Calm	NE 1	8	10	11.9
4..	57.47	56.66	25.5?	31	92?	72	Calm	NE 2	7	7	8.9
5..	58.52	57.08	25.5	31	93	74	Calm	NE 1	10	7	2.1
6..	58.65	57.52	26	31.8	86	67	Calm	E 2	8	4	.....
7..	58.72	57.23	25.2	30.7	84	67	Calm	E 2	10	7	19
8..	58.81	57.52	25.4	32	93	66	Calm	E 2	10	10	.8
9..	58.99	57.98	24.5	31	92	69	Calm	E 1	10	7	5.6
10..	59.37	57.65	25.5	30.3	93	73	Calm	NE 2	10	7	22.6
11..	58.61	56.87	25	29.5	98	76	Calm	Calm	10	10	88.4
12..	58.23	56.70	24.5	31	96	69	Calm	ESE 1	10	10	17.3
13..	58.19	56.42	25.2	31.5	94	67	Calm	E 1	10	8	5.3
14..	58.34	56.91	24.2	31.5	94	66	Calm	E 1	7	5	.3
15..	59.06	57.91	25.5	31.1	96	66	Calm	NE 1	7	8	25.4
16..	58.28	56.50	24	31	90	71	Calm	ESE 1	4	4	.....
17..	57.81	55.67	25	32	87	64	Calm	NE 1	7	8	.....
18..	57.12	56.06	23.5	30.5	90	73	Calm	E 1	8	10	1.3
19..	58.98	58.20	24	29	92	79	Calm	NE 1	10	10	21.9
20..	59.22	58.38	24.5?	31.1	96?	69	Calm	NW 1	4	9	.....
21..	58.54	57.09	23.5	30.6	91	69	Calm	NE 1	8	9	.....
22..	58.07	56.47	24	30	91	75	Calm	NE 1	10	10	.....
23..	57.48	56.19	23.5	31.2	90	68	Calm	NE 1	10	10	.....
24..	58.05	57.29	23.1	30	90	84	Calm	NE 1	10	10	.....
25..	58.37?	55.75	23.4	31	88	65	Calm	NE 1	10	10	4.8
26..	55.97	55.41	26.3	26.4	85	86	NW 2	SE 1	10	10	.8
27..	57.18	57.05	24.4	28.3	88	78	Calm	NW 1	10	10	.....
28..	58.51	57.98	24.7	30.6	85	67	Calm	NE 1	10	10	.....
29..	59.50	57.23	24	32	90	69	Calm	E 2	10	8	1
30..	58.40	56.68	24.5	31.5	92	66	Calm	NE 1	10	9	21.6
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.31	56.96	24.6	30.5	91.3	71.2	0.1	1.2	8.9	8.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	269.6

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.62	56.82	24	25.1	96	92	Calm	Calm	10	10	37.6
2..	57.50	56.45	23.5	30.5	90	68	Calm	NE 1	10	9	15.7
3..	57.30	55.83	*24.2	31.6	*94	62	Calm	Calm	6	7	.....
4..	55.86	55.79	24.7	30	91	72	Calm	NE 1	10	10	.....
5..	55.32	54.31	23.5	31	91	65	Calm	NE 1	8	9	.....
6..	55.30	54.90	25.5	30.5	88	66	Calm	Calm	10	10	.....
7..	56.05	55.43	25.1	29.2	89	73	Calm	NW 1	10	10	.8
8..	55.63	55.37	24	28	94	74	Calm	Calm	10	10	3.8
9..	56	55.03	*24	31	*87	61	Calm	NW 1	10	8	.....
10..	56.34	55.27	24.5	29.8	92	69	Calm	W 1	10	10	8.3
11..	56.22	54.98	25	30.5	94	72	Calm	Calm	10	10	14.2
12..	55.91	54.26	24	29.4	96	69	Calm	NE 1	10	10	2.1
13..	55.01	54.68	*26	30.5	*80	74	Calm	Calm	10	10	.3
14..	56.12	54.88	23.5	31	93	65	Calm	Calm	10	10	.....
15..	56.69	55.80	23.8	28.5	89	78	Calm	Calm	8	10	.6
16..	56.17	54.09	*26	29	*88	77	NW 1	NW 2	10	10	2
17..	55.77	55.60	24.4	26	93	90	Calm	Calm	10	10	4.4
18..	56.23	54.70	23.8	29.4	97	75	Calm	Calm	10	10	3.8
19..	55.72	55.77	24.2	30	95	68	Calm	NE 1	10	10	.5
20..	57.32	56.90	24.3	31	93	75	Calm	Calm	10	10	.....
21..	57.18	56.59	23.5	31	94	70	Calm	W 2	9	9	.....
22..	58.38	58.07	24	30.5	91	72	Calm	Calm	10	10	.3
23..	59.32	58.53	24.5	30	92	73	Calm	NW 2	10	10	.....
24..	58.82	58.45	24	26.2	91	85	Calm	W 1	10	10	.8
25..	57.69	56.77	24	30.6	90	72	Calm	N 1	10	8	.....
26..	57.22	56	24.4	30.5	92	70	Calm	NW 3	10	8	.....
27..	56.52	54.67	24.3	31.5	93	66	Calm	NW 2	10	10	.....
28..	55.91	54.91	25.5	31.3	88	62	Calm	NE 1	10	10	1.8
29..	56.39	55.89	24.5	29.2	92	76	Calm	NW 1	10	10	.6
30..	56.56	55.74	25	30.9	92	69	Calm	NE 1	10	8	.....
31..	57.40	55.78	25.2	31	86	69	Calm	NW 1	10	8	.....
Mean	56.66	55.75	24.4	29.8	91.3	71.9	0	0.8	9.7	9.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	92.6

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	56.85	56.24	25	30.5	92	68	Calm	NW 1	10	10	.....
2..	57.29	56.19	23	31.6	92	60	Calm	NW 1	8	6	.....
3..	56.90	56.37	24	29.7	96	73	Calm	NW 2	10	10	.....
4..	56.71	56.19	24	28.4	91	75	Calm	Calm	10	10	6.1
5..	58.08	56.98	23.5	30.5	97	68	Calm	NE 1	10	9	.....
6..	58.68	57.52	23.5	31	89	65	Calm	NE 1	7	7	.....
7..	57.93	56.33	23.2	30	97	77	Calm	NW 2	9	10	.....
8..	56.94	55.68	24.5	31.2	92	67	Calm	NE 1	10	9	.8
9..	57.70	56.52	26.5	28	84	83	Calm	NE 1	10	10	34.8
10..	57.87	56.03	24	29.5	91	71	Calm	NW 1	9	9	.....
11..	55.92	55.96	23.5	30.6	96	73	Calm	NE 1	8	9	.....
12..	57.47	57	23.5	28	91	85	Calm	NE 1	10	10	.....
13..	58.62	56.18	23.5	31	90	72	Calm	NW 1	10	10	.....
14..	57.62	55.88	23.5	31	91	71	Calm	NW 1	8	4	.....
15..	56.58	54.97	26	30	88	77	NW 1	NW 5	8	7	.....
16..	54.88	53.60	27	30.3	75	71	W 1	W 4	10	10	.....
17..	53.19	51.94	25.7	31	79	65	Calm	NW 3	10	10	1
18..	53.62	53.74	24	25.6	95	93	W 1	Calm	10	10	21.6
19..	56.21	55.83	24.2	28.3	97	76	Calm	NW 1	10	10	.3
20..	56.86	56.55	24.3	31	95	72	Calm	NE 1	10	10	.....
21..	58.98	57.62	24	31	91	73	Calm	NE 2	10	8	.....
22..	59.72	57.94	24	31.6	96	61	Calm	NE 1	8	7	41.1
23..	59.24	58.51	24	31	96	69	Calm	NE 1	7	9	.3
24..	60.13	58.78	26.3	30	91	75	Calm	E 1	10	9	2.8
25..	60.44	58.53	24.5	29	91	82	Calm	NW 2	10	8	.....
26..	59.18	56.70	24	31.3	90	65	Calm	NW 2	10	9	.....
27..	58.32	56.95	24	30.5	91	71	Calm	NW 1	10	9	1.3
28..	59.09	56.98	24	32	96	66	Calm	NE 1	10	8	.....
29..	58.02	55.94	24.5	31.6	96	68	Calm	NE 1	9	6	.....
30..	56.03	54.48	24	31	91	66	Calm	NE 1	9	8	.....
31..	55.87	54.11	23.9	30.5	92	70	Calm	NE 1	9	10	.....
Mean	57.45	56.20	24.3	30.2	91.6	71.9	0.1	1.4	9.3	8.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	110.1

[a] 29 days of observation.
[b] These readings were taken from a self-recording apparatus.
* These readings do not seem to be reliable.

CALAPAN.

[ϕ=13° 25′ N; λ=121° 11′ E; barometer above sea, 5.05 meters; gravity correction not applied, —1.76 mm.]

SEPTEMBER.[a]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	55.57	55.43	23.6	25.8	96	93	Calm	Calm	10	10	8.6
2	56.14	55.35	23.6	28.1	96	82	Calm	Calm	10	10	1.8
3	56.52	55.18	24	31.1	97	64	Calm	NE 1	10	7	9.7
4	56.57	55.48	24.2	31	95	63	Calm	E 1	10	10	.8
5	56.82	55.49	24	28.5	96	76	Calm	NW 3	10	9	.....
6	56.97	56.79	23.5	28.3	94	79	Calm	WNW 1	10	10	10.7
7	56.73	55.58	23.5	30.2	96	70	Calm	NE 1	10	10	.....
8	56.14	54.97	23.6	30.6	95	73	Calm	NE 1	10	10	.....
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	57.64	57.23	23.5	29	96	81	Calm	NW 1	10	10	1
13	58.58	57.65	23.4	31.4	92	71	Calm	NE 1	10	10	.....
14	58.87	57.60	24	30.1	96	72	Calm	E 1	10	8	32.5
15	59.58	57.47	23	30.5	94	72	Calm	NW 1	7	6	.8
16	58.67	57.39	24.5	30	92	73	Calm	NE 1	10	9	27.9
17	57.83	57.13	24	28.4	96	80	Calm	SE 1	10	10	58.1
18	59.30	57.57	24.5	31	87	66	Calm	NE 1	10	9	1.8
19	59.60	57.75	24.5	31	94	71	Calm	NE 1	10	10	15.7
20	58.66	56.64	24.5	30.7	93	74	Calm	Calm	10	10	3.6
21	59.12?	57.99	24.5	28.5	96	79	Calm	NE 1	10	10	8.2
22	59.52	58.09	23	28	96	79	Calm	NE 1	10	10	8.1
23	58.15	57.36	23	28.8	96	76	Calm	Calm	9	9	9.1
24	58.49	55.93	23.1	29.9	97	72	Calm	Calm	10	10	.....
25	56.99	55.23	24.4	29	95	76	Calm	NW 2	10	8	.3
26	56.29	55.69	24.1	30	99	67	Calm	NW 2	10	10	14.5
27	57.44	56.15	23.4	29	97	75	Calm	NW 1	10	10	2.3
28	56.89	55.65	24	29	96	78	Calm	Calm	10	10	.....
29	56.33	56.43	24	30	96	73	Calm	Calm	10	10	.8
30	57.62	56.83	24	30	96	75	Calm	NW 2	10	10	4.3
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.67	56.52	23.8	29.6	95.1	74.4	0	0.9	9.9	9.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	220.6

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.20	57.24	24.5	30	92	73	Calm	NW 1	8	10	.....
2	58.62	56.58	23.9	30.3	92	72	Calm	NE 1	10	10	4.8
3	58.12	56.43	24.5	30.5	92	72	Calm	NW 1	10	10	.....
4	57.47	55.43	26.7	29.4	86	79	NW 2	NW 3	10	8	6.9
5	55.47	54.37	26.8	26	86	92	NW 2	WNW 3	10	10	25.4
6	54.13	52	24.9	28	91	85	W 1	NW 1	10	10	4.6
7	52.54	51.87	24.6	28.5	95	82	Calm	Calm	10	10	2.1
8	53.84	53.36	24.1	26.6	95	88	Calm	Calm	10	10	18.8
9	56.69	56.30	24.5	29.2	96	78	NW 1	NW 2	10	10	2.5
10	57.48	56.48	23	28.3	96	81	Calm	NW 2	10	10	3.3
11	58.44	57.19	23	29.5	96	78	Calm	NE 1	10	10	.....
12	58.73	58.09	24.5	30	92	73	Calm	NE 1	10	9	15
13	59.51	58.10	24	30	96	75	Calm	NE 1	10	9	31.5
14	59.66	58.07	23.3	29.8	97	76	Calm	NE 1	10	10	.3
15	58.76	57.10	22.8	30	97	73	Calm	E 2	10	9	5.1
16	58.72	56.60	23.5	30	97	74	Calm	NE 1	10	8	3.9
17	57.15	55.48	25	28.5	88	76	Calm	NE 2	9	9	2.3
18	56.27	56.08	26	29.5	89	72	NE 1	NE 1	10	9	1
19	57.64	56.13	24	30.1	96	75	Calm	NE 1	10	8	.....
20	58.24	56.03	24.5	29.3	96	73	Calm	NE 1	10	8	56.6
21	58.48	56.29	24	28.5	97	83	Calm	Calm	10	10	7.6
22	58.39	56.38	24.5	30.2	96	74	Calm	NE 1	10	8	2.8
23	58.87	57.13	24.5	29.7	94	77	Calm	NE 1	10	10	1
24	58.39	56.99	24.2	29	96	79	Calm	Calm	10	10	15.5
25	58.41	56.08	23.5	31	95	72	Calm	NE 1	10	8	8.9
26	58.32	55.42	24	31.5	96	66	Calm	NE 1	8	7	1.8
27	56.68	55.69	23.6	28	96	85	Calm	Calm	10	10	.3
28	58.22	57.10	22.8	29.2	93	78	Calm	Calm	10	8	.....
29	59.25	57.77	23.8	30.5	95	72	Calm	NE 1	9	9	7.7
30	58.47	57.58	26.5	28.1	86	75	NE 1	NE 2	10	10	1.3
31	58.08	56.73	24.5	31	94	69	Calm	NE 1	8	7	2.8
Mean	57.69	56.20	24.3	29.4	93.6	76.7	0.3	1.1	9.7	9.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	233.8

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.37	56.62	26.5	28	88	77	Calm	NE 1	10	9	0.6
2	57.82	56.69	26.4	26.8	92	85	Calm	NE 2	10	10	1.3
3	58.07	56.49	27.2	27.4	82	87	NE 1	E 1	10	10	22.8
4	58.92	58.36	24.5	27	87	80	E 1	NE 1	10	10	41.1
5	60.02	58.05	25	29.5	93	76	Calm	NE 1	10	10	94.8
6	59.46	58.36	26.5	28.5	83	71	E 2	E 2	10	10	3.6
7	59.50	58.16	26.1	27.2	87	83	NE 1	NE 2	10	10	3.8
8	59.90	58.89	25.3	29	93	78	Calm	NE 2	10	10	3.8
9	58.90	56.72	25.1	26	95	92	NE 1	Calm	10	10	18.5
10	56.53	55.88	26.5?	27.1	80?	89	ENE 2	Calm	10	10	133.6
11	57.72	56.96	24.3	30.5	97	72	Calm	NE 1	10	9	24.4
12	58.91	58	26?	25.4	84?	93	Calm	W 1	10	10	9.4
13	60.25	58.71	25.6?	29.5	79?	71	Calm	Calm	10	10	.....
14	58.63	57.35	23.2	28.8	94	73	Calm	Calm	10	10	.5
15	57.99	56.46	24	28.6	96	73	Calm	NE 1	10	10	1
16	57.97	56.65	26.2	28	79	77	Calm	NE 2	10	10	54.6
17	58.33	56.73	25	25.4	92	85	NE 1	NE 3	10	10	79.5
18	57.63	56.91	23.5	27	96	85	SE 1	NE 1	10	10	40.7
19	56.91	55.93	25.5	27.6	88	83	NE 2	E 2	10	10	33.7
20	58.07	56.86	24	29.5	97	75	Calm	NE 2	10	10	2
21	59.67	58.30	23.5	29.5	96	75	Calm	NE 1	9	8	.....
22	59.89	58.59	24.5	28.5	96	75	Calm	NE 1	10	10	12.4
23	58.86	56.85	24.5	28.6	96	75	Calm	NE 1	10	10	6
24	58.13	56.34	25.5	28.8	88	77	NE 2	NE 1	10	10	6.3
25	57.30	57.17	25.5	25.3	92	93	NE 2	Calm	10	10	71.2
26	58.84	56.95	23.1	29	97	71	Calm	NE 1	10	10	36.8
27	58.66	56.95	23.6	29.1	98	77	Calm	NE 1	10	7	18.8
28	59.76	58.29	23.8	28.4	97	75	Calm	Calm	10	10	19.8
29	60.32	58.13	23.5	29	96	74	Calm	NE 1	10	7	6.4
30	59.98	58.38	24	30.5	97	65	Calm	NE 1	10	7	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.68	57.36	24.9	28.1	91.2	78.7	0.5	1.1	10	9.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	747.4

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.83	58.03	21.8	30	93	67	Calm	Calm	10	4	.....
2	60.17	58.07	22.5	30.5	91	65	Calm	NE 1	10	7	0.3
3	60.32	59.10	23	30	95	69	Calm	NE 1	10	3	2.8
4	60.45	59.78	25.5	29.5	88	66	NE 1	NE 2	7	6	.....
5	60.71	58.53	24.5	29.8	94	71	Calm	NE 1	10	7	.....
6	59.06	56.82	25.5	27.8	88	79	Calm	NE 1	10	10	10.2
7	57.67	55.92	24.8	28.4	89	75	Calm	NE 1	10	10	1
8	56.90	55.51	24.3	25.1	89	91	Calm	NE 2	10	10	12.9
9	57.47	56.72	25	26	88	91	Calm	Calm	10	10	30.2
10	58.29	56.37	23.3	27.2	95	83	Calm	ENE 1	10	10	5
11	57.47	55.95	25	28.5	89	77	NE 1	NE 1	10	10	29.5
12	58.74?	56.80	23.5	30.2	96	70	Calm	NE 1	10	7	5.1
13	58.81	57.24	25	29	92	69	Calm	NE 1	10	4	5.3
14	58.52	57.73	23.4	30	97	69	Calm	Calm	9	7	1
15	59.03	57.68	23.4	29	90	74	Calm	NE 1	10	7	3.6
16	58.41	56.76	25.5	27	80	80	NE 1	Calm	10	10	6.4
17	58.47	56.79	24.1	30.1	96	68	Calm	NE 1	10	7	.3
18	59.24	58.35	25	27.8	88	79	NE 1	NE 2	10	10	.3
19	59.98	58.45	25.5	29	92	74	Calm	NE 2	10	10	1
20	58.71	57.58	25.5	27.8	88	79	NE 1	NE 1	10	10	.....
21	58.90	56.88	25	29.1	92	70	Calm	NE 1	10	8	13.5
22	59.13	57.13	23.6	31	97	62	Calm	NE 1	10	6	.....
23	58.34	56.93	23.1	29.5	95	75	Calm	NE 1	10	10	.....
24	58.56	57.13	23.5	30.5	94	75	Calm	NE 1	10	8	.....
25	58	55.80	25.2	26.5	87	84	Calm	NE 2	10	10	4.5
26	58.13	56.65	24.5	26.5	87	80	NE 1	Calm	10	10	1.1
27	58.66	57.09	24.1	25	87	76	Calm	NE 3	10	10	30.7
28	59.56	57.88	22.6	25	95	76	Calm	NE 1	10	10	25.1
29	59.85	57.76	22.6	26.1	95	79	Calm	NE 1	10	10	2.3
30	59.30	58.65	24.7	26.5	81	80	Calm	NE 1	10	10	4.6
31	61.20	59.14	22.9	24	88	88	NE 1	NE 1	10	10	9.2
Mean	58.96	57.39	24.1	28.1	90.8	75.5	0.2	1.1	9.9	8.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	205.9

[a] 27 days of observation.

VIRAC.

[ϕ=13° 35′ N; λ=124° 14′ E; barometer above sea, 5.63 meters; gravity correction not applied, —1.76 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	58.92	58.03	24.5	30.2	96	74	S	1	ESE	3	10	9	18.5
2..	59.05	57.79	22.4	29.2	96	72	W	2	SSE	2	2	5	.....
3..	59.52	58.72	21.7	30.5	99	72	WNW	1	WNW	1	3	8	.8
4..	61.26	60.94	24	29	88	69	ENE	3	ENE	4	7	7	6.6
5..	63.41	63.30	*24.5	26.9	*76	70	NE	4	NE	3	8	10	1.3
6..	64.13	62.85	*23.5	27.6	*76	71	NE	4	ENE	4	10	8	1.5
7..	62.56	61.58	24.1	29	82	68	NE	3	E	3	10	8	.5
8..	62.80	62.35	22.5	27.2	97	77	WSW	2	E	3	10	9	2.5
9..	63.81	62.68	*25.2	29	*79	65	NE	2	NE	3	10	7	4.3
10..	63.47	62.40	*25.2	28.8	*83	68	ENE	4	ENE	4	6	4	5.1
11..	63.09	61.81	*24.2	26.7	*82	74	NE	6	NE	4	10	10	33.3
12..	62.22	60.61	23.8	27.1	97	81	ENE	4	E	4	10	9	14.8
13..	61.29	60.26	25	27.8	88	76	ENE	4	ENE	4	10	10	4.3
14..	60.74	59.35	*25.5	28.5	*84	77	NE	2	ESE	3	10	9	2.8
15..	60.25	58.89	21.5	29	99	74	WNW	1	S	2	3	9	4.1
16..	60.15	58.83	22.6	28.6	97	75	NE	2	NE	2	10	9	.....
17..	59.97	58.47	23.2	30	91	71	NE	1	ESE	3	7	7	11.2
18..	59.59	56.88	22.8	30.4	98	72	WNW	1	ENE	3	4	6	10.1
19..	58.93	57.48	25.1	24	88	95	ENE	4	ENE	4	10	10	61.2
20..	57.99	56.99	24.3	24.1	94	99	ENE	3	NE	1	10	10	85.4
21..	58.29	57.38	24	27.2	93	86	ENE	2	SE	2	7	10	51.1
22..	58.39	56.93	23.1	27.1	99	85	NW	1	E	3	10	10	22.3
23..	58.74	57.67	23.5	26.7	96	88	NNE	1	E	3	10	10	8.9
24..	59.15	58.68	23.1	25.5	99	80	SSW	1	ENE	3	10	10	63.5
25..	59.57	59.45	23.5	23	94	98	E	2	NW	2	10	10	106.1
26..	60.67	58.61	*24.6	28.7	*87	74	E	3	E	3	10	8	6.3
27..	60.60	58.69	24	29.1	88	76	ENE	3	NE	3	10	7	1.6
28..	59.22	58.31	*25	28.7	*83	77	E	2	SE	3	5	10	.....
29..	59.39	58.62	22.9	27	97	83	NNW	1	SW	2	10	10	4.6
30..	60.16	58.81	22.5	25.1	96	88	ENE	2	NE	2	10	10	33.3
31..	59.71	58.14	21.7	27.5	99	78	E	1	ESE	3	10	7	7.1
Mean	60.55	59.40	23.7	27.7	91	77.8	2.4		2.9		8.5	8.6	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	573.1

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	59.28	58.34	22.5	24.5	99	97	NNW	1	E	3	10	10	19.8
2..	59.45	58.13	22.7	24.4	99	91	ENE	2	ENE	3	10	10	25.9
3..	59.57	59.44	*23.4	25	*97	85	E	3	ENE	3	10	10	38.3
4..	60.75	60.02	*23.5	25	96	85	ENE	3	ENE	3	10	10	11.1
5..	61.39	61.05	24	24.4	93	90	SE	1	ESE	3	10	10	104.6
6..	62.30	61.81	*23.5	27.1	90	81	E	2	E	3	10	10	29.5
7..	62.37	61.13	25	28.6	85	78	E	4	E	3	7	8	.8
8..	61.67	60.35	25	29.6	92	79	ENE	2	SE	3	6	5	.....
9..	61.21	59.95	21.5	26.1	99	83	W	1	E	3	4	9	13.2
10..	61.43	61.10	23.8	25	85	80	ESE	2	NNE	2	10	10	14.2
11..	61.60	60.10	22	24.5	98	92	WNW	2	NE	1	10	10	56.9
12..	61.08	60.49	20.9	27	99	74	W	1	E	3	10	10	14.8
13..	61.58	60.57	22	25	98	92	SSW	1	NE	2	10	10	4.8
14..	61.80	61.12	23.1	24	90	86	NE	4	NE	4	10	10	10.4
15..	61.57	60.44	*24.5	27.6	*89	79	ENE	4	ESE	4	10	6	22.9
16..	60.90	59.62	*25	28.6	*85	78	ENE	2	SE	3	7	9	8.1
17..	59.90	58.28	21.9	29.5	99	75	WNW	1	SSE	2	7	4	1.3
18..	58.78	56.95	25	29.7	92	77	E	3	ESE	3	8	6	34.5
19..	57.74	56.74	22.5	29.1	99	78	W	1	SE	2	7	10	8.9
20..	58.67	58.96	22.9	26.3	99	82	W	1	S	2	5	10	15.5
21..	60.73	60.67	23.2	26.6	90	77	WNW	1	ENE	3	10	10	.6
22..	61.09	60.24	24	27.5	83	73	SSE	2	E	2	9	10	.....
23..	60.37	59.23	23.7	29	87	72	SW	2	ESE	3	10	10	.3
24..	59.39	57.84	24.7	29.5	89	75	ESE	2	NE	3	4	9	28.4
25..	59.29	57.83	23.1	29.5	99	73	W	1	ENE	3	10	5	4.6
26..	59.12	57.65	25	29.7	90	73	ENE	2	E	3	10	3	12.2
27..	58.44	57.42	22.5	30.5	97	71	WNW	1	ESE	3	4	4	.....
28..	58.05	57	22	30.5	98	74	W	1	ESE	3	9	2	.8
29..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
30..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
31..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	60.34	59.37	23.3	27.3	93.4	80.4	1.9		2.8		8.5	8.2	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	482.4

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	58.79	57.70	23.5	29.8	99	74	NW	1	E	3	10	5	15.3
2..	58.59	57.40	25	30.6	88	72	ENE	3	E	3	6	7	3.3
3..	58.61	57.80	*26	26.2	*87	90	ENE	3	E	2	7	10	17.8
4..	57.89	56.50	23	28.6	98	78	WNW	1	E	3	9	9	17.2
5..	58.94	57.67	23.2	27.6	98	74	ENE	1	ENE	2	10	10	17.8
6..	59.22	58.29	24.1	30	96	77	NW	1	E	3	9	5	.....
7..	59.49	58.65	*25.5	30.7	*84	71	ENE	1	SE	3	5	5	9.9
8..	58.54	56.99	24.5	28.8	96	78	ENE	2	ESE	3	10	5	10.2
9..	57.97	57.38	23.6	30.6	95	72	WNW	1	ENE	3	10	5	8.4
10..	59.28	58.01	22.6	31	98	76	NW	1	ESE	3	10	7	.....
11..	58.71	57.51	26	27.4	85	80	ESE	3	ENE	4	7	7	21.1
12..	58.47	57.78	*25.5	30.5	*91	70	ESE	2	ESE	3	10	5	1.8
13..	58.13	57.79	23.5	29.7	97	75	W	1	ESE	3	9	5	9.7
14..	59.32	58.92	*25.5	30	*93	75	E	2	E	3	10	10	1
15..	60.95	60.12	22.2	29.5	96	68	W	1	ENE	3	7	6	12.5
16..	61.11	59.27	23.5	26.5	97	83	ESE	2	ENE	2	10	10	37.1
17..	60.16	59	25	28.1	92	81	ENE	3	SE	3	10	8	15.7
18..	60.50	59.24	24	28	97	77	ENE	2	E	3	10	9	22.9
19..	59.94	58.60	*25.5	30.3	*89	74	ENE	2	SE	3	6	5	4.4
20..	59.96	58.97	22.5	30.1	99	75	WSW	1	SE	3	4	6	.....
21..	60.01	60.10	23.7	26.5	96	90	NW	1	W	1	7	10	2.3
22..	61.27	60.24	21.5	30.5	99	78	WSW	2	ESE	3	3	5	.....
23..	60.22	59.66	23	30.5	98	76	S	1	ENE	3	7	5	3
24..	59.91	59.17	24	28.5	83	81	NE	2	E	3	7	9	11.7
25..	60	59.35	24	29.4	90	79	NE	2	ENE	3	9	6	1.8
26..	60.20	58.82	24.4	26.9	90	80	ENE	3	ENE	3	10	10	6.4
27..	60.32	59.69	25.5	29.2	88	79	E	2	SE	3	6	6	12.7
28..	61.16	60.58	22.8	30.4	98	80	WNW	1	E	3	7	5	5.8
29..	61.19	60.22	25.6	30.9	92	75	ENE	2	SE	3	7	7	8.4
30..	60.62	58.83	24	30	98	78	WNW	2	SE	2	9	4	.....
31..	59.80	58.54	23.2	30.6	98	80	WNW	1	S	2	7	5	.3
Mean	59.65	58.67	24.1	29.3	93.7	77.3	1.7		2.8		8	6.8	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	278.5

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	60.19	58.37	24.1	31	99	80	NE	1	SE	3	5	4	0.3
2..	59.23	58.17	24	31.1	97	81	W	1	ESE	3	4	7	3.6
3..	59.28	58.19	23.5	30.1	97	82	W	1	SE	3	10	8	.....
4..	59.20	58.29	22.6	31.2	98	80	W	1	E	3	6	3	3.8
5..	59.97	58.13	23.4	30	98	81	W	1	SSE	3	10	9	6.1
6..	58.76	57.59	24	30.1	97	79	NW	1	SE	3	6	6	21.6
7..	58.62	56.70	23.5	29.2	97	83	WNW	1	ESE	1	7	9	.....
8..	58.07	56.52	23.7	30.6	97	76	W	1	E	3	6	7	7.1
9..	58.14	57.72	27?	27.2	89?	78	SSE	3	NE	3	10	9	3.3
10..	58.84	57.43	24	30.6	97	78	SSW	2	SE	3	9	6	23.2
11..	58.06	56.63	25.6	30.3	90	76	NE	2	SE	3	9	7	.5
12..	57.58	56.55	26.5	31	90	76	E	2	SE	3	9	4	.....
13..	57.97	57.52	24.6	30.7	97	76	WNW	1	SE	3	8	4	.....
14..	59.01	57.79	24.6	29	95	86	WNW	1	SE	2	6	9	.....
15..	58.83	56.62	24.3	30.7	97	72	W	1	SSE	3	10	6	.....
16..	58.12	56.42	27.5?	30.7	81?	74	SE	3	SE	2	10	3	.....
17..	58.07	57.12	25	31.1	92	77	N	1	SE	3	4	3	.....
18..	58.59	57.39	24	31.2	97	77	WNW	1	E	3	7	4	.....
19..	58.84	57.34	26?	31.1	85?	75	ESE	3	SE	3	5	1	.....
20..	58.38	57.31	24.5	31.5	96	66	WNW	1	SE	3	6	4	.....
21..	57.73	56.67	22.8	31.4	98	73	N	1	SE	3	6	3	3.3
22..	58.28	56.72	25	30.5	92	76	SSE	3	SE	3	10	5	3.6
23..	57.27	57.14	24.6	31.2	97	77	W	1	SE	3	9	6	.....
24..	58.38	57.08	24.6	31.5	95	74	W	1	SE	2	9	4	.....
25..	58.43	57.40	23.7	29.1	97	81	W	1	W	2	3	10	8.4
26..	58.12	56.83	25	30.7	93	78	W	1	NNW	3	5	9	.....
27..	57.67	56.50	23.5	30.5	96	76	WNW	1	SSE	3	8	9	4.3
28..	57.79	56.45	23.2	30	98	75	WNW	1	S	3	8	7	.....
29..	57.22	56.25	23.8	29.7	97	82	W	1	S	2	4	7	.8
30..	56.91	56.23	24.5	30.4	97	76	NW	1	S	2	10	7	2.5
31..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	58.38	57.17	24.4	30.4	94.9	77.4	1.4		2.7		7.3	6	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	92.4

* These readings do not seem to be reliable.

VIRAC.

[ϕ=13° 35′ N; λ=124° 14′ E; barometer above sea, 5.63 meters; gravity correction not applied, —1.76 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.67	56.69	24.4	31.7	97	70	WNW 1	SE 3	6	4	.....
2..	57.79	57.28	24	29.2	97	83	W 1	NW 1	6	9	3
3..	57.23	56.37	26	31	92	73	E 2	SE 3	10	10	.....
4..	58.06	56.78	28.1?	31.1	84?	74	SW 2	SSE 2	10	9	.....
5..	58.20	57.64	27.6?	31.6	87?	68	ESE 2	ESE 3	7	6	.....
6..	58.40	57.26	28.1?	31.6	87?	71	SE 3	E 3	7	3	.....
7..	58	57.34	25	27	95	92	W 1	NW 3	8	10	16.8
8..	58.08	57.55	24	30.9	97	70	W 1	SE 2	7	7	2.8
9..	58.55	57.12	25.3	31	98	72	WNW 1	SE 2	7	6	.5
10..	58.47	56.65	26.5	30.5	91	76	W 1	SE 2	10	8	.....
11..	57.67	55.74	24.5	32	96	69	W 1	SE 1	7	3	12.2
12..	57.96	57	25	31	92	73	NNW 1	SSE 3	6	7	.8
13..	59.10	57.82	25	31.3	98	70	W 1	SE 3	4	3	.....
14..	59.98	58.49	24.7	31.5	96	68	W 1	ESE 3	8	6	1
15..	60.49	58.97	24.6	31.6	95	71	NW 1	SE 2	4	4	2
16..	60	58.32	24.4	31.5	97	68	W 1	E 3	7	3	.....
17..	59.78	58.35	22.3	31.5	97	72	W 1	SSE 2	1	2	.....
18..	60.19	59.28	24.5	31.7	96	69	W 1	SSE 3	4	5	27.4
19..	59.58	58.17	24.6	29.5	98	77	W 1	ESE 3	10	9	2
20..	57.87	57.70	23.5	29	96	82	W 1	SE 2	5	9	23.8
21..	58.15	57.35	21.6	30.9	98	71	W 1	ESE 3	5	8	2.8
22..	58.92	58.47	25	30	87	77	NE 2	SE 3	10	9	.3
23..	59.26	58.35	24	31.3	97	71	W 1	ESE 3	7	8	.....
24..	58.88	57.85	24.5	30.9	96	72	W 1	SE 2	9	9	.....
25..	58.29	57.24	24	31	98	73	W 1	SE 3	9	5	11.9
26..	58.76	57.52	25.5	31	94	71	NW 1	SE 2	5	4	11.2
27..	59.37	58.34	24.1	30.6	96	73	W 1	ESE 3	7	9	15.5
28..	58.42	57.40	24.2	29.6	98	78	W 1	ESE 2	9	8	21.1
29..	58.48	56.58	25.5	31.1	94	71	NW 2	SE 3	9	8	22.4
30..	58.31	57.01	24.5	28.8	96	80	W 1	ESE 2	10	10	2.6
31..	58.43	57.58	24.6	31	97	73	W 2	SE 3	10	6	1.8
Mean	58.66	57.56	24.8	30.7	94.7	73.5	1.3	2.5	7.2	6.7	.....
Tota	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	181.9

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.96	58.05	26.1	30.7	91	72	W 1	SE 3	10	8	.....
2..	58.45	57.29	27	31.7	87	69	E 2	SE 3	9	7	8.9
3..	57.80	56.78	25	30.6	97	72	W 2	SE 3	7	8	10.1
4..	57.60	57.18	26.6	30.4	87	73	E 3	ENE 4	7	7	2.3
5..	58.20	57.87	27	31	89	72	NE 2	SE 3	7	4	.....
6..	59.15	57.59	26	31.4	90	71	NNW 1	ESE 3	3	4	3.3
7..	58.61	57.98	24.7	31.6	97	73	WNW 1	SE 2	3	5	8.1
8..	58.74	58.24	26.5	30.6	90	73	NE 2	SE 4	7	4	7.4
9..	59.26	58.70	24.6	30	97	77	W 1	SE 3	3	8	1
10..	59.48	57.54	23.8	31.5	98	68	NW 1	SE 3	4	4	22.4
11..	58.90	57.70	25	30.6	97	72	NNW 1	ENE 3	10	9	2.5
12..	57.89	57.25	25.5	31.1	94	71	SSW 2	ESE 3	9	6	2.8
13..	58.11	57.35	27.1?	31	88?	71	E 3	ESE 3	7	6	2.3
14..	58.58	57.32	24.5	29.8	96	74	WSW 1	ESE 3	7	6	5.4
15..	59.15	58.02	25	30.1	98	75	NW 1	ESE 3	10	9	.8
16..	58.62	57.16	24.1	31.6	97	68	W 1	ESE 3	5	4	.....
17..	57.60	56.14	24.6	31.5	98	69	W 1	ESE 3	7	3	13
18..	57.28	56.82	25.1	30.5	91	74	N 1	E 2	9	9	.....
19..	58.58	58.60	25.6	30.8	93	71	NW 1	SE 3	6	7	.....
20..	59.51	58.74	25.5	31.1	96	70	NE 1	SE 3	10	7	.....
21..	58.92	58.15	24.5	31.4	96	70	W 1	SSE 3	7	6	.....
22..	58.08	56.25	25.5	30	94	75	WNW 1	SSE 3	8	5	37.3
23..	57.64	56.17	24.5	30.3	97	76	W 1	SE 2	10	9	.....
24..	57.77	57.09	24	28	97	85	WSW 1	S 2	10	9	6.6
25..	57.22	55.97	24.5	27.2	97	87	E 2	S 2	10	10	19.6
26..	55.63	55.26	23.8	28.2	98	83	NW 1	WSW 3	10	10	24.2
27..	57.78	57.28	24.7	30	96	78	SW 2	SSE 3	10	10	.....
28..	59.12	58.43	26.5	30.3	91	75	ENE 1	ESE 3	10	9	.....
29..	59.91	57.69	24.8	31.4	98	71	W 1	ESE 3	4	4	.8
30..	58.51	56.72	24.3	29.7	97	75	W 2	S 2	5	10	1.3
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.37	57.38	25.2	30.5	94.4	73.7	1.4	2.9	7.5	6.9	.....
Tota	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	180.1

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.31	56.11	24	20.4	98	74	W 1	S 2	5	3	0.3
2..	57.18	56.50	24	31.5	98	70	W 1	SW 2	5	7	.....
3..	57.05	55.59	25.5	32	94	67	W 2	WSW 2	9	9	11.2
4..	56.54	55.32	23.5	26.2	99	94	WNW 4	WNW 2	10	10	3.3
5..	54.92	54.32	25.8	31.5	93	70	WNW 2	WSW 2	10	10	.....
6..	55.42	54.45	26	31.2	94	71	W 2	SW 3	10	10	.....
7..	56.01	55.42	25.1	31.5	98	70	W 1	WSW 3	10	10	.....
8..	56.34	54.97	24.7	32	97	65	W 1	SW 3	9	9	.....
9..	55.82	54.54	24.5	32.3	96	66	W 2	W 3	10	7	.....
10..	55.85	54.62	25.7	31.8	94	69	W 1	SW 3	9	7	.....
11..	55.95	54.47	26.4	30.7	92	69	W 2	WSW 3	10	10	.....
12..	55.35	55.08	27.4?	29	83?	78	W 4	W 3	10	10	.5
13..	56.44	55.27	27.6?	30.4	84?	74	SSW 3	SSE 3	10	7	14.7
14..	56.44	55.20	24	30	98	74	W 1	S 3	10	7	.3
15..	55.90	55.30	24.6	29	97	82	NW 1	W 2	10	10	3.3
16..	54.74	54.47	24.4	25.4	98	98	W 1	SSE 5	10	10	37.9
17..	56.17	56.16	25.8	26	92	92	S 2	S 2	10	10	11.4
18..	56.46	55.53	24.2	30.5	98	76	W 1	S 3	10	7	.6
19..	57.03	56.24	25.5	30	96	75	W 1	WSW 1	10	9	.....
20..	57.74	57.52	25.2	30.5	97	74	E 2	ESE 3	10	7	.....
21..	57.31	57.42	25	29.8	95	74	W 1	ESE 2	8	10	.....
22..	58.92	57.69	25	29.6	93	79	WNW 1	SSE 3	9	6	.....
23..	59.28	58.68	23.9	25.5	97	98	W 1	W 1	5	10	20.4
24..	58.41	57.62	24.1	27.5	97	90	NNE 1	W 2	10	10	7.4
25..	57.59	56.73	24.4	30.7	91	72	W 2	W 3	10	8	.....
26..	56.78	56.22	23.5	29	97	82	W 2	WNW 3	3	10	19.8
27..	55.83	54.32	25	31.5	97	69	W 2	W 2	9	10	4.9
28..	55.51	54.70	25.5	30.7	96	72	WNW 3	WSW 4	8	10	.5
29..	55.77	55.49	26.5	30.5	88	72	WSW 3	WSW 3	7	9	.....
30..	56.61	56.35	26.5	31.2	90	69	W 2	SW 4	8	9	.....
31..	56.82	56.29	26	32.3	92	68	WNW 2	SW 4	7	7	.....
Mean	56.56	55.76	25.1	30	94.5	75.9	1.8	2.7	8.7	8.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	136.5

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.59	56.59	26.8	31.4	90	68	WSW 3	SSE 3	7	6	.....
2..	57.26	56.46	24.6	32.6	97	64	W 1	SW 2	4	7	.....
3..	56.62	56.39	24.8	30.1	98	72	W 1	W 2	9	10	25.9
4..	57.03	57.39	24.5	24.1	97	94	W 2	NW 1	10	10	27.7
5..	58.07	57.23	24.1	29.5	99	75	WNW 1	SE 2	9	6	.....
6..	58.57	57.57	24	25.6	98	97	W 1	NW 2	9	9	29.2
7..	57.04	56.31	23.6	27.6	98	92	NE 2	WNW 2	7	10	33
8..	56.28	55.95	23.5	29	97	74	W 2	E 3	5	7	20.9
9..	57.41	56.32	24.5	31	97	71	WNW 2	SSE 3	10	7	.....
10..	57.04	55.48	25	29.9	95	73	WNW 3	W 3	10	10	1.5
11..	56.87	56.64	26	31.1	95	73	W 2	S 4	7	7	.....
12..	57.96	56.64	27.7	30.8	91	73	SSE 2	SE 2	10	5	.....
13..	58.52	56.29	24.3	33	97	62	W 2	S 2	7	5	.....
14..	57.15	55.81	24.5	32	96	65	W 1	ESE 3	6	5	.....
15..	55.96	54.12	24.5	32.8	96	62	WSW 2	WNW 2	5	9	17.9
16..	53.65	51 88	25	31.3	93	69	WNW 3	W 3	10	9	.....
17..	52.36	52.03	27.5	31	88	71	WSW 3	WSW 4	10	10	1.8
18..	54.50	55.09	26.2	28.5	92	81	S 3	SW 4	10	10	4.6
19..	56.78	56.31	25.6	31.8	95	65	NW 1	SSW 3	9	7	.....
20..	57.37	57.03	26.1	30.3	94	74	NW 1	SE 3	5	10	.....
21..	58.88	58.08	25.2	31.8	98	65	W 1	SSE 3	5	4	.....
22..	59.45	57.83	24.5	31.8	96	66	WNW 2	SE 3	6	6	.....
23..	58.86	58.30	24.3	27.7	97	81	WNW 1	WNW 3	4	10	1.1
24..	60.16	58.93	25.1	31	96	68	NNW 1	SSE 3	9	4	1.8
25..	60.02	58.25	24	31.7	98	66	W 2	SE 3	7	4	.....
26..	58.48	56.83	23.8	31	98	69	WNW 2	NE 2	4	6	.....
27..	58.11	56.63	24	31.1	98	71	WNW 1	SE 2	3	7	.....
28..	58.82	56.82	24.6	30.6	97	73	WNW 1	SE 3	7	7	.....
29..	57.57	56.30	23.5	27.5	97	90	WNW 1	ENE 2	8	9	15.2
30..	55.67	55.05	23.7	32.6	99	63	WNW 2	ENE 3	6	7	.....
31..	55.36	54.24	24.1	31.4	97	71	WNW 2	SE 3	4	7	.....
Mean	57.27	56.28	24.8	30.4	95.9	72.8	1.7	2.7	7	7.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	180.6

VIRAC.

[ϕ=13° 35′ N; λ=124° 14′ E; barometer above sea, 5.63 meters; gravity correction not applied, —1.76 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	56	55.46	25	29.1	97	81	WNW	1	SSE	3	10	10	8.4
2..	56.78	55.58	24.6	31.7	95	69	WNW	1	S	2	7	9	.....
3..	56.86	55.88	25	31.5	97	68	WNW	1	W	3	8	9	.....
4..	56.19	55.50	25	28.5	95	84	W	3	N	2	10	10	8.4
5..	55.63	54.74	25	31.5	92	70	W	3	WNW	3	10	10	.....
6..	56.57	56.32	24.7	30.6	96	67	WNW	2	WSW	3	9	9	2.8
7..	57.65	56.05	25.6	30.7	93	72	WNW	2	SSE	3	10	9	.5
8..	56.66	55.40	24.7	29.8	97	70	W	2	SE	3	10	10	.5
9..	56.20	55.75	25	27.5	98	84	WNW	2	WSW	3	10	10	.....
10..	56.60	55.65	25.7?	28.7	91?	85	WNW	2	W	2	10	10	.....
11..	57.61	56.39	27?	31.7	90?	66	S	3	SSE	3	10	6	.8
12..	57.96	56.34	24.5	31.6	96	66	WNW	1	SE	3	10	3	.....
13..	58.95	58.64	25.3	27.5	94	84	NNW	1	E	2	10	10	1.6
14..	58.78	57.95	23.7	30.4	97	74	WNW	1	ESE	3	7	3	.....
15..	59.47	57.80	23.2	30.7	98	71	W	1	ESE	3	1	9	1.3
16..	57.68	56.39	24.4	30.3	97	71	WNW	2	W	2	10	9	14
17..	57	56.63	24.7	30.7	94	69	ESE	1	SSE	3	10	4	.6
18..	58.73	57.38	25.6	31.3	93	70	NE	2	SE	3	5	5	.....
19..	59.02	56.97	23.6	30.5	98	67	W	2	SSE	3	7	10	2.8
20..	58.07	56.95	26	30	92	69	ENE	3	SSE	3	10	9	42.5
21..	59.04	58.04	24.2	29.8	97	67	ENE	2	E	3	10	9	19.8
22..	59.16	57.63	24.5	30	97	69	W	1	SSE	2	10	7	.....
23..	58.58	56.32	23.7	30	99	70	W	1	SSE	2	10	5	51.3
24..	58.53	55.65	24.2	30.8	97	67	W	2	W	3	10	9	1.5
25..	56.46	54.87	23.5	29	99	74	W	1	E	3	9	10	.....
26..	56.09	55.25	23.7	30.4	97	73	W	1	W	3	9	10	.....
27..	56.71	55.53	25	31.7	97	66	W	1	SW	4	8	8	11.4
28..	56.48	55.84	25.2	26.5	97	90	WNW	2	WNW	2	10	10	15
29..	56.91	56.39	25.5	29	94	72	W	2	WSW	3	10	10	.....
30..	57.42	56.60	24.2	30.5	98	70	WNW	1	WSW	3	7	9	21.6
31..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	57.46	56.33	24.7	30.1	95.7	72.5	1.7		2.8		8.9	8.4	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	204.8

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	58.27	56.96	24	28.3	98	75	W	2	ESE	3	7	9	13.2
2..	58.36	56.50	24.5	29.2	97	74	WNW	2	SE	2	10	6	.5
3..	57.73	55.90	23.5	29.2	99	72	W	1	SE	2	10	10	2.6
4..	56.07	53.93	25	25.5	97	96	W	2	WNW	3	10	10	69.8
5..	53.43	51.78	24.5	24.6	97	98	WNW	4	W	4	10	10	84.9
6..	51.08	50.09	24.4	26.2	97	95	WNW	6	W	4	10	10	64.3
7..	52.08	51.46	25.5	27.7	96	87	SW	4	SW	5	10	10	1
8..	54.18	53.93	26	29.9	94	76	W	2	SW	4	10	10	1.5
9..	56.71	55.80	25.2	28.7	97	81	W	2	W	3	10	10	.5
10..	57.51	56.76	24.7	28.8	97	79	NW	1	SE	2	10	10	4.9
11..	58.70	57.55	27	31	84	71	SE	3	SE	3	10	6	.5
12..	58.67	57.60	24	31	98	72	W	2	E	3	9	6	6.4
13..	59.63	58.58	24.5	30.5	97	70	WNW	1	SE	3	10	9	.....
14..	59.58	57.45	27	30	86	71	E	2	ESE	3	8	10	3.8
15..	58.95	57.40	24.5	30.4	96	69	NW	1	SSE	3	10	8	.3
16..	58.55	56.38	25	32	93	65	ENE	2	SE	3	10	4	7.4
17..	56.61	55.05	24.5	30.6	97	62	NW	1	E	3	10	8	11.9
18..	56.79	55.39	23.8	28	93	83	W	2	ENE	2	10	10	12.2
19..	57.38	55.75	24	29.2	98	72	W	1	S	3	10	8	3.3
20..	57.69	56.22	23.6	30.9	95	71	W	1	SSE	3	8	6	.....
21..	57.84	56.23	24.2	29.6	98	72	W	1	E	2	7	8	7.6
22..	58.04	56.67	24.2	29.7	98	71	W	1	ESE	3	9	9	2.3
23..	58.82	56.97	24.5	27	97	84	W	1	E	2	10	10	2
24..	58.86	57.07	23.5	30	97	71	WSW	2	E	3	8	5	4.8
25..	58.69	56.17	23.8	30.8	97	68	NW	2	E	3	10	4	4.3
26..	57.66	55.62	24.7	30.7	96	70	W	1	ESE	3	7	4	.....
27..	57.29	55.14	24	31.4	98	68	SW	1	SE	3	9	6	.....
28..	57.99	56.95	23	31.2	97	71	W	1	E	3	8	3	.....
29..	58.98	57.66	23.4	32	98	67	WSW	2	E	3	4	5	14.7
30..	58.21	57.64	26.4	28.2	86	76	ENE	3	E	2	10	10	51
31..	57.28	56.20	23.6	28.5	97	74	W	1	E	3	6	5	19
Mean	57.34	55.90	24.5	29.4	95.6	75.2	1.9		2.9		9	7.7	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	394.7

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	57.02	56.07	26.4	31	87	68	ESE	3	SE	3	9	5	5.6
2..	57.50	56.60	26.8	30	86	71	E	3	E	4	7	7	7.3
3..	57.87	56.89	26.6	28.6	86	78	ENE	3	ENE	3	9	10	15.5
4..	58.91	58.05	26.5	28	88	83	ENE	3	E	3	10	10	19.8
5..	59.36	57.84	26.5	28	83	79	NE	3	E	3	10	10	64
6..	60.39	59.40	24	25	98	97	E	4	E	3	10	10	26.2
7..	59.35	58.57	26.4	25.1	86	91	ENE	3	E	3	10	10	31.5
8..	59.26	57.91	26	29	87	78	ENE	3	ENE	3	9	7	2.8
9..	56.86	54.84	25.6	27.6	90	83	W	2	NE	3	10	10	15
10..	57.74	56.43	24.4	30.6	95	73	E	3	ESE	3	8	4	.....
11..	57.34	56.61	23	28.8	98	79	N	1	NW	1	3	7	3.6
12..	58.13	56.50	23.5	29.3	97	74	WNW	1	SE	2	7	10	34.3
13..	58.67	56.70	24.2	28.9	98	74	W	1	SE	3	10	10	4.6
14..	56.95	55.92	25	26.5	97	86	SE	1	ENE	4	10	10	30.5
15..	57.79	55.98	24	28.5	98	75	SE	2	S	2	10	10	11.9
16..	57.16	55.90	25.3	30.8	93	68	SSW	2	SE	2	9	9	37.8
17..	58.08	56.55	24.5	28.4	96	76	NW	2	SSE	3	10	10	26.7
18..	57.87	56.29	23	29.3	98	74	NW	1	E	2	8	8	4.3
19..	57.49	56.21	22.7	29.5	99	76	W	1	ESE	3	6	4	5.8
20..	58.97	57.11	23.7	29.7	96	73	W	1	SE	2	10	4	3.8
21..	59.38	58.35	23.2	29.3	97	77	W	1	NW	2	5	8	56.9
22..	59.76	57.86	23.6	27	95	77	NW	1	W	1	10	10	38.3
23..	58.17	56.87	22.8	26.6	98	89	W	1	E	4	7	10	22.6
24..	57.78	56.03	23	28.5	98	74	NW	1	ENE	3	10	10	57.1
25..	57.94	57.15	25	25.6	93	93	ENE	2	E	2	10	10	12
26..	58.49	56.76	23	28.5	98	81	W	1	E	3	10	10	5.1
27..	58.79	57.04	23.5	27.5	99	81	W	1	E	3	10	10	10.9
28..	59.28	58.48	23.5	30.1	97	75	W	1	ESE	3	9	7	.....
29..	60.07	59.42	23	30.4	98	70	W	1	SSE	3	6	5	.....
30..	60.17	58.88	22.6	29.7	98	75	W	2	E	3	7	7	.....
31..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	58.42	57.11	24.4	28.5	94.2	78.3	1.8		2.7		8.6	8.4	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	553.9

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	59.91	58.48	20.7	30.1	99	73	W	1	SE	3	1	3	.....
2..	59.96	58.31	20.7	30.4	99	70	W	1	S	2	1	5	.....
3..	59.55	59.24	24	27.7	91	81	E	2	NE	2	10	10	7.6
4..	60.24	59.50	25.7?	28	88?	82	E	3	E	3	8	9	6.1
5..	60.04	58.20	26	30.6	90	72	ENE	3	E	3	5	9	5.3
6..	57.92	55.68	25	28.5	95	80	NNW	1	E	2	8	9	1.5
7..	56.33	54.70	24	28.7	97	75	SE	1	NW	1	10	10	29.2
8..	55.47	55.17	24.7	24.5	96	96	NW	2	SSE	2	10	10	57.4
9..	56.64	56.66	25.9?	28.4	86?	73	E	3	SE	2	10	10	2.8
10..	57.88	56.19	24.2	30.6	95	67	WNW	1	ESE	2	10	5	17
11..	57.49	56.28	23.6	28.7	95	78	NW	1	E	2	7	10	14.2
12..	57.93	57.26	23.5	29.4	97	75	NW	1	NW	2	7	8	1.3
13..	58.39	57.14	23.7	30.3	96	71	NW	1	E	3	9	4	.....
14..	57.93	57.38	21.9	29.5	99	76	WNW	1	SSE	2	7	4	.....
15..	58.44	57.56	22.1	29.5	97	75	NW	1	NE	2	6	7	7.9
16..	57.59	56.72	23	27.1	97	85	W	1	E	4	7	10	21.8
17..	57.54	56.43	23.2	29.8	98	71	WSW	1	S	3	9	7	2
18..	58.50	57.59	22.4	29.2	98	83	N	1	NW	1	8	8	.....
19..	59.32	57.99	22.6	28.7	98	75	WNW	1	NE	3	9	9	6.1
20..	58.58	57.50	26	30.8	90	73	ENE	3	E	2	7	5	14.2
21..	59.12	57.19	23	29.5	97	76	W	1	E	3	10	7	1.3
22..	58.70	57.44	21.7	30	99	77	WNW	1	WNW	2	2	6	3.8
23..	58.14	56.80	22.4	29.7	98	72	W	1	E	3	5	7	1.1
24..	57.83	56.62	22.7	24.5	99	96	WNW	1	NE	1	10	10	28.5
25..	56.79	54.91	23	27	98	84	SW	1	WNW	2	8	10	56.4
26..	55.89	55.22	24.3	24.9	97	94	NE	2	WNW	2	10	10	40.4
27..	56.50	56.84	24.4	24.2	97	98	NE	4	SSW	1	10	10	6.6
28..	57.78	57.27	23	24	98	98	NE	3	NE	3	10	10	6.9
29..	58.34	57.28	22.5	25.1	97	91	W	2	ENE	3	10	10	70.6
30..	57.60	57.07	23	25	98	92	NW	1	S	2	10	10	14.3
31..	58.88	58.60	22.4	23.7	98	94	SW	2	S	1	10	10	4.8
Mean	58.10	57.07	23.4	28	96	80.7	1.6		2.2		7.9	8.1	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	429.1

NAGA.

[ϕ=13° 37′ N; λ=123° 11′ E; barometer above sea, 5.67 meters; gravity correction not applied, —1.75 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.90	57.56	22.5	28.4	98	82	Calm	Calm	9	9	0.5
2	59.17	57.50	22.5	32.1	99	63	Calm	NNE 1	9	9	.....
3	59.32	58.48	23	30	97	62	Calm	NNE 2	9	7	2.8
4	61.20	60.37	23	28	97	70	NE 1	NE 2	10	8	6.2
5	63.10	62.98	23.2	25.5	80	72	ENE 2	NE 2	8	9	.....
6	64.10	62.48	21.8	25.4	86	73	N 1	NE 3	9	9	.....
7	62.65	61.26	18.9	29.3	94	61	ENE 1	NE 1	8	9	.....
8	62.99	62.50	18.8	25.4	96	85	Calm	NNE 1	7	9	7.2
9	64.05	62.67	22	27.8	96	71	Calm	NE 3	10	8	.....
10	63.64	62.61	23	25.8	95	84	ENE 1	NNE 2	9	9	7.6
11	64.10	62.55	22.5	24.1	92	86	NE 2	NE 3	10	10	31
12	62.64	60.47	22.8	26.5	97	83	NNE 1	NNE 1	10	9	17.8
13	61.26	59.75	23	29.4	93	68	NNE 1	NE 2	8	9	2.8
14	60.66	59.18	22.4	27.7	98	79	Calm	NW 1	10	10	.....
15	60.29	59.20	22	27.2	96	80	Calm	NNE 2	8	9	3.8
16	59.80	58.84	23	26.8	97	80	Calm	NNE 2	9	9	1.5
17	59.92	58.31	23.4	29.2	97	70	NNE 1	NNE 2	8	8	8.1
18	59.79	57.04	23.9	27.5	96	78	NE 1	NE 2	10	8	5.1
19	58.93	57.30	23.6	26	95	81	NE 1	NNE 3	9	9	23.6
20	57.98	57.43	23	23.7	98	96	Calm	Calm	10	10	36.9
21	58.02	57.20	22.4	27	98	86	Calm	N 1	10	10	60.2
22	58.88	57.56	23.4	24.5	95	92	NNE 2	NNE 2	10	10	12.2
23	58.75	57.64	22.8	28.3	97	74	Calm	NNE 1	10	9	.....
24	58.87	58.40	22.4	25.2	96	90	Calm	W 1	8	10	8.4
25	59.33	59.13	22.9	23.9	97	96	Calm	Calm	10	10	30.9
26	60.39	58.46	22	28	96	74	Calm	NNE 1	10	9	5.1
27	59.96	58.33	23.1	28	95	74	WSW 1	NNE 1	10	10	.....
28	59.13	57.97	20.4	27.4	96	80	Calm	NNE 1	7	9	.3
29	59.45	58.99	23	25	95	90	NNE 1	NNE 2	9	10	10.7
30	60.48	58.96	21.4	24.2	93	85	NNE 2	NNE 2	10	10	.....
31	59.16	57.98	22	25.8	97	84	NNE 1	NNE 1	8	9	3.3
Mean	60.55	59.33	22.4	26.9	95.2	79	0.6	1.5	9.1	9.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	286

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.38	58.16	21.4	24.4	94	87	NNE 1	N 1	10	10	0.6
2	59.23	58.25	21.8	23.9	96	92	Calm	NNE 2	10	10	4.8
3	59.78	59.46	21.8	26	97	81	NNW 1	SSW 1	10	10	33.5
4	61.01	60.69	22	24	96	91	Calm	S 1	10	10	4.5
5	61.90	61.04	21.8	26	96	81	Calm	ENE 1	10	9	3.6
6	62.41	61.52	22.1	26.4	97	75	Calm	SE 2	10	10	2.8
7	62.05	60.62	21.4	28.6	96	73	NNE 1	SSW 1	8	9	.....
8	61.85	59.76	21.8	30.8	96	64	Calm	N 1	9	8	.....
9	61.28	60.26	22	26.5	96	80	Calm	N 1	9	9	.3
10	61.73	60.61	22.6	27	89	65	N 1	NNE 2	9	10	.....
11	61.56	59.99	22.5	27	90	70	NNE 1	NNE 2	10	9	13.2
12	61.30	60.68	22	27.2	96	80	Calm	N 1	10	10	.3
13	61.55	60.83	21.7	24.5	97	92	Calm	N 1	9	10	6.9
14	61.93	61.33	22	23.5	95	87	NNE 2	NNE 2	10	10	2.8
15	62.03	60.33	22.8	26.4	95	82	N 1	N 1	10	9	3.5
16	60.98	59.43	21.8	29.2	96	72	Calm	NNE 1	9	9	.....
17	59.76	58.10	22.4	27.4	93	78	Calm	NNE 1	8	9	.....
18	58.54	56.61	21.7	30	97	69	Calm	NNE 1	10	9	.3
19	57.47	56.75	21.8	26.6	96	83	Calm	N 1	8	10	4.2
20	58.97	59.70	23	24.8	97	80	N 1	NNE 1	10	9	3.1
21	61.36	60.99	22.2	24.9	89	81	NNE 2	NNE 1	10	9	.3
22	61.40	60.71	22.2	27.5	91	66	NNE 1	NNE 1	8	8	.....
23	60.54	59.52	23.2	25.8	90	79	N 1	NNE 2	8	9	.....
24	59.11	58.31	23	26.4	97	81	NE 1	NNE 2	8	9	14.2
25	59.03	57.97	22.6	27.4	97	81	NNE 1	NNW 2	10	9	1.8
26	58.77	57.18	21.2	30.5	98	66	Calm	N 1	8	8	9.4
27	58.36	56.93	20.7	28.9	97	77	Calm	NNW 1	8	8	.3
28	57.94	56.82	21	29	96	76	Calm	NNE 2	9	8	.....
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	60.40	59.38	22	26.8	95	78.2	0.5	1.3	9.2	9.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	110.4

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.56	57.56	23.6	28.8	88	75	NNE 1	NNE 1	9	8	.....
2	58.35	56.56	23	30	94	67	N 1	NW 1	8	9	.....
3	58.54	57.38	21.7	27.2	96	86	Calm	NNW 1	8	9	11.2
4	57.43	56.74	22	26.3	97	83	Calm	NW 1	7	9	.5
5	58.31	57.26	23.4	29.7	97	69	Calm	NNE 1	9	9	1
6	59.27	57.76	21.4	31.3	96	68	Calm	N 2	7	8	.....
7	59.22	57.69	20.5	30.8	96	63	Calm	NNE 2	8	9	.5
8	58.57	56.81	22.5	28	96	71	Calm	ESE 1	9	9	1.3
9	57.98	57.98	20.2	26.4	97	81	Calm	N 1	9	9	1.3
10	59.06	57.47	22.1	30.2	98	70	Calm	NNE 2	8	9	.....
11	58.51	57.76	21.3	28	95	80	Calm	NNE 2	8	9	.3
12	58.39	57.22	20.8	31.5	98	42	Calm	SE 2	8	8	.....
13	58.13	57.82	20.2	28	95	82	Calm	NW 2	8	9	7.9
14	59.27	58.58	20.8	29.5	96	70	Calm	NE 2	8	9	.....
15	60.76	59.64	19	30.2	95	60	Calm	NE 2	8	8	.....
16	60.94	59.37	22.7	27.2	90	74	Calm	NNE 1	9	10	2.6
17	60.11	58.62	22	29	96	74	S 1	W 1	10	9	7.9
18	60.13	59.53	20.5	25.2	98	87	Calm	N 1	8	10	4.4
19	59.71	58.15	21.2	32	98	54	Calm	SSE 2	8	9	.....
20	59.65	58.55	21.4	30.8	97	60	Calm	N 2	8	8	.....
21	60.10	60.02	19.6	26	96	69	Calm	SE 2	7	9	2
22	61.19	60.21	20.6	28.4	98	72	Calm	N 1	3	8	.....
23	60.11	59.47	19.7	27.2	96	73	Calm	NNE 2	3	8	.....
24	59.84	59.03	20.1	27.5	97	78	Calm	NW 1	8	9	10.4
25	60.11	59.62	20.7	24.5	98	89	Calm	Calm	8	10	22.9
26	59.64	58.98	20.4	26.5	97	80	NNE 1	NW 1	7	9	6.4
27	60.40	59.27	22.4	30.5	98	67	Calm	S 1	10	8	.....
28	60.96	60.36	21.5	27.1	96	85	Calm	N 1	7	8	2
29	61.35	61.19	21	25.6	96	82	Calm	SE 2	7	10	26.7
30	60.64	58.63	21.8	31.8	98	59	Calm	W 1	8	9	.....
31	59.90	58.77	22.3	30	96	71	Calm	N 1	8	9	16.3
Mean	59.52	58 52	21.3	28.6	96.1	72.3	0.1	1.4	7.8	8.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	125.6

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.15	58.15	23.4	30.7	97	72	SE 1	NNE 2	9	8	.....
2	59.33	58.33	22.6	27	98	86	Calm	NNE 1	8	9	3.6
3	59.21	57.66	22	31	98	68	Calm	NW 1	9	9	.....
4	59.32	58.20	20	29.8	97	77	Calm	NE 1	8	9	.5
5	59.55	58.08	21.5	29.6	98	75	Calm	N 2	8	9	.....
6	58.59	57.39	23.5	31.3	97	61	W 1	NNW 1	9	9	.....
7	58.64	57.30	23	27.2	97	87	Calm	N 1	8	9	12.7
8	57.40	56.91	23	24.3	97	91	Calm	N 1	8	10	33.2
9	58.32	57.60	23	26	98	94	Calm	N 1	8	10	18
10	58.90	57.40	21.8	25.2	97	92	Calm	S 1	8	10	14.7
11	58	56.32	22	28.5	97	75	Calm	SSW 1	8	9	.....
12	57.41	55.90	21.9	31.6	97	67	Calm	NE 1	5	8	.....
13	57.91	57.01	22	32.5	96	63	Calm	SW 1	7	8	.....
14	59	57.58	22.2	28.5	96	77	Calm	SW 1	9	9	.....
15	58.90	56.30	22	33	96	56	Calm	NNW 1	8	8	.....
16	58.02	56.09	23	32.4	97	60	Calm	W 1	8	9	.....
17	57.62	56.50	23	32	95	64	SE 1	W 1	9	9	11.4
18	58.33	56.79	22.3	32.9	97	59	Calm	W 1	8	9	.....
19	58.31	56.64	22.2	33.4	96	60	Calm	SW 1	6	8	.....
20	58.41	56.46	21.2	32 7	95	57	Calm	NNE 1	8	8	.....
21	57.54	56.09	20.7	32	94	61	Calm	NNE 1	4	9	.....
22	58.04	56.76	21.6	28.4	95	82	Calm	SW 1	8	9	8.7
23	57.12	56.51	22.5	31.6	94	65	Calm	NNW 1	7	8	.....
24	58.17	56.78	22.7	33.4	96	57	Calm	W 1	8	9	.....
25	58.51	57.05	21.4	32	96	64	Calm	N 2	8	9	.....
26	58	56.91	23.2	31.6	95	62	Calm	N 2	8	8	.....
27	57.66	56.63	22	30.5	95	70	Calm	N 1	9	9	.....
28	57.83	56.06	21.9	32.4	95	66	Calm	NNE 1	9	9	.....
29	57.73	55.82	22.2	30.7	95	70	Calm	Calm	8	8	.....
30	57.09	56.43	23.6	28.7	95	80	Calm	NW 1	8	9	14.5
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.30	56.92	22.2	30.4	96.2	70.6	0.1	1.1	7.9	8.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	117.3

NAGA.

[ϕ=13° 37′ N; λ=123° 11′ E; barometer above sea, 5.67 meters; gravity correction not applied, —1.75 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.53	56.16	23.2	34.9	98	58	SSE 1	N 1	9	8	43.2
2..	58.07	56.70	23.1	31.7	97	63	Calm	NNE 2	9	9	.....
3..	57.31	56.21	23.2	24.4	97	91	Calm	NNE 1	8	10	44.7
4..	57.94	56.41	23.8	31.5	98	69	Calm	SW 1	9	9	12.7
5..	58.09	56.92	23.5	32.8	96	65	Calm	W 1	9	8	.....
6..	58.29	56.50	23.7	33.7	96	57	Calm	NNW 1	8	8	.....
7..	58.26	56.64	23	32.8	97	61	Calm	NNE 2	9	8	.....
8..	57.93	57.36	23.1	27.5	96	79	Calm	NNE 1	9	9	.....
9..	58.62	56.80	23.5	33.3	99	60	SSE 1	W 1	10	9	.....
10..	58.36	56.33	24.4	31	97	73	SE 1	SW 1	9	9	.....
11..	57.67	55.71	23.2	33	97	62	Calm	SW 1	10	8	5.3
12..	58.21	56.59	24.2	33.2	97	63	SSE 1	S 1	8	9	.3
13..	58.92	57.45	24	31.8	95	72	Calm	Calm	8	9	.8
14..	59.90	57.81	23.5	34	96	62	Calm	Calm	8	9	.....
15..	60.38	58.31	22.8	33.5	95	62	Calm	Calm	8	9	.....
16..	60.01	57.59	20.5	33	95	57	Calm	NNE 1	7	8	1.8
17..	59.59	57.98	20.8	33	94	52	Calm	N 1	3	7	.....
18..	59.89	58.75	22	31.9	95	65	SE 1	N 1	7	9	31
19..	59.20	57.61	22.7	30.8	96	74	Calm	NNE 1	9	9	31
20..	57.92	57.78	22.5	26.8	96	83	Calm	N 1	8	9	2
21..	58.17	56.93	22.2	30.6	96	72	Calm	Calm	9	9	.....
22..	58.58	57.89	22.5	26.2	96	90	Calm	SW 1	9	9	2.8
23..	58.82	58.03	22.6	31	97	68	Calm	NW 1	9	9	31.5
24..	58.96	57.57	22.4	30.4	98	72	Calm	NNW 1	10	9	28.1
25..	58.36	57.02	21.5	27.5	97	84	Calm	ESE 1	9	9	1
26..	58.67	57.26	23.2	30.7	98	69	Calm	SSW 1	10	10	.....
27..	59.17	57.98	22.8	30.5	97	72	Calm	NE 1	8	9	1.4
28..	58.56	57.26	23.9	31	97	72	Calm	Calm	8	8	.....
29..	58.41	56.66	23	26	97	89	Calm	NW 1	9	10	27.2
30..	58.07	57.01	23.9	30.7	97	75	Calm	W 1	9	9	.8
31..	58.35	57.76	24.8	27.8	96	82	Calm	Calm	9	9	.....
Mean	58.59	57.19	23	30.9	96.5	70	0.2	0.9	8.5	8.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	265.6

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.82	58.19	23.6	27.2	97	75	Calm	SE 2	9	9	1.3
2..	58.21	57.30	23.5	26.8	97	84	Calm	ENE 1	9	9	1.8
3..	57.42	56.69	23.5	26.2	97	92	Calm	SW 1	8	10	10.7
4..	57.32	56.47	22.6	30.4	98	70	Calm	E 1	8	9	.....
5..	58.17	57.15	24	32.9	97	63	Calm	NNE 1	8	9	.....
6..	59.10	57.61	23.7	31.8	94	70	Calm	W 2	3	7	.....
7..	58.60	57.60	22.2	29.4	96	74	Calm	SW 1	7	9	.....
8..	58.86	57.45	23.9	32.8	96	62	Calm	S 1	8	9	.....
9..	59.27	58.74	23.3	29.5	96	75	Calm	SSE 1	4	9	6.1
10..	59.40	57.37	22.9	31	96	71	Calm	NNE 1	7	9	42.7
11..	58.55	57.42	22.8	32	97	65	Calm	N 1	10	9	.8
12..	57.65	56.75	23	31.2	95	71	WNW 1	W 1	9	9	.....
13..	58 12	56.50	22.9	30.8	96	72	Calm	SW 1	8	9	.....
14..	58.57	56.65	22.8	32.8	96	62	Calm	SE 1	5	8	.....
15..	58.95	58.06	23	31	97	69	Calm	N 2	9	9	.....
16..	58.58	56.46	22.5	31.8	98	62	ESE 1	S 1	9	8	.....
17..	57.69	55.56	23	31.6	97	71	Calm	W 1	7	8	5.8
18..	57.30	56.53	23.6	25.4	97	84	Calm	E 1	8	9	1
19..	58.89	58.37	23.8	30.7	95	70	Calm	SW 1	9	9	.....
20..	59.11	58.05	25	29.5	95	77	Calm	SW 1	9	9	.3
21..	58.76	57.32	23	32.4	95	63	SSE 1	SW 1	8	9	6.9
22..	58.25	56.05	22.3	30.7	96	71	SW 1	SW 1	9	9	3.3
23..	57.77	55.66	22.7	30.8	97	72	SE 1	NW 1	9	9	.....
24..	57.91	56.99	22.9	28.3	96	87	Calm	NNE 1	9	10	4.8
25..	57.35	55.86	21.8	28.9	96	77	Calm	NNW 1	10	10	.....
26..	55.62	55.49	23	28	97	80	Calm	S 2	9	9	49.8
27..	57.52	57.11	22.8	30.3	97	70	SSE 1	S 2	10	10	.....
28..	58.84	58.28	24.4	30.1	97	79	S 1	S 1	10	9	.....
29..	59.73	57.33	23.8	31	97	64	S 1	NW 1	8	9	.....
30..	58.27	57.28	23.8	26	95	89	Calm	N 1	7	9	51.1
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.29	57.07	23.2	30	96.3	73	0.3	1.2	8.1	9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	186.4

JULY.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.51	56.87	24	28.6	97	82	Calm	NW 1	8	9	4.1
2..	57.49	56.53	24	31.5	95	69	SSE 1	SW 2	10	9	1
3..	57.02	55.82	24.5	32.2	95	68	SSE 1	SSW 2	9	9	.3
4..	55.99	55.47	24.5	29.9	95	75	Calm	SW 1	9	9	2
5..	55.27	54.50	24.6	31.1	95	67	SE 1	SW 2	10	9	29.7
6..	55.99	54.58	24	31.4	97	68	SE 1	SW 1	10	9	1
7..	55.94	55.70	25.2	30.6	93	73	SE 1	SW 2	9	9	1.3
8..	56.04	55.51	23.8	32.2	95	69	SSE 1	SW 1	9	9	.8
9..	56.17	55.10	24.2	31.5	97	66	SSE 1	SSW 1	10	9	18.8
10..	56.04	54.58	24	31.4	97	71	SSE 1	SSW 2	10	8	1.5
11..	55.99	54.78	24.7	30.2	94	73	SE 1	WSW 2	9	9	28.2
12..	55.79	54.57	24	29.3	97	77	SE 1	SW 2	10	10	.5
13..	55.90	55.01	26.4	30.7	87	74	SSE 1	SSW 2	10	9	.....
14..	56.24	56.10	24.3	25.6	96	85	SSE 1	E 1	9	10	13.5
15..	56.34	55.40	23.6	27	97	92	Calm	N 1	10	10	16.3
16..	55.15	53.68	24.4	26.7	97	93	Calm	N 1	10	10	73.9
17..	55.77	55.84	23.2	27.4	98	84	S 1	SSW 1	10	10	26.2
18..	56.04	55.21	24.1	29.4	97	82	SSE 1	S 1	9	9	8.1
19..	56.72	56.21	24.2	31	94	69	SSE 1	SSW 1	9	10	.5
20..	57.45	57.35	23.2	31.4	93	67	Calm	SW 1	9	9	.5
21..	57.02	56.86	24	28.7	97	80	SSE 1	NW 1	8	9	2.8
22..	58.48	57.76	23.2	28.2	96	80	SSE 1	SW 1	9	10	4.3
23..	59.21	58.46	24.3	29.4	97	76	SSE 1	SW 1	9	10	.....
24..	58.31	57.98	24.2	26	97	89	Calm	Calm	10	10	3.1
25..	57.84	56.87	23.8	29.3	97	74	SE 1	SW 1	9	9	4.8
26..	57.01	56.63	23.2	25.4	97	93	Calm	Calm	7	10	14.4
27..	56.29	54.60	24	31	98	69	Calm	SW 1	9	10	1
28..	55.76	54.85	25.3	30.7	94	75	Calm	SW 2	9	9	14.7
29..	55.88	55.32	25.8	30	93	74	SW 1	SW 3	9	9	7.4
30..	56.55	56.55	26	29.4	90	75	S 1	SSW 2	10	9	.3
31..	56.88	56.61	25	29.5	95	75	S 1	SSW 2	9	9	.....
Mean	56.58	55.85	24.3	29.6	95.4	76.3	0.7	1.4	9.3	9.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	281

AUGUST.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.40	56.52	26.4	31.8	87	65	SSW 1	SW 2	9	8	5.6
2..	57.31	56.81	24.8	31.4	96	68	Calm	SW 2	7	9	.....
3..	56.79	56.53	25.2	30.4	95	76	S 1	SSW 1	8	9	17
4..	57.04	57.16	23.6	25	97	95	Calm	S 1	10	10	41.4
5..	58.45	57.12	23.1	30.4	97	69	SE 1	SW 1	10	9	5.1
6..	58.62	57.30	23.2	29.9	97	72	Calm	WNW 1	9	9	.....
7..	57.40	55.81	22.5	31.4	97	67	Calm	NNE 2	8	9	14.2
8..	56.20	56.09	23.3	26.4	98	87	Calm	N 1	10	10	2.8
9..	57.26	56.11	23.9	31.9	97	68	Calm	SW 1	9	9	.....
10..	57.46	55.53	24.5	30.9	97	74	Calm	SSW 1	8	9	.....
11..	56.18	56.40	25.5	31.5	93	64	SSE 1	SSW 2	8	9	.....
12..	57.69	56.35	24.4	33.3	97	64	Calm	SW 2	8	9	.....
13..	58.70	56.02	23.8	32.8	97	61	Calm	SSW 1	8	8	.....
14..	57.10	55.59	24.3	33.9	96	58	Calm	NNE 2	9	8	.....
15..	56.85	55	23.2	29.6	95	77	Calm	SW 1	7	9	.....
16..	54.30	52.50	25	31.4	95	67	Calm	W 1	10	9	.....
17..	52.60	52.02	26	30.7	92	71	SSW 1	SW 3	9	9	7.1
18..	54.01	54.63	26.2	28	88	80	S 1	SSW 3	10	10	5
19..	56.34	56.37	25	28.2	93	83	SE 1	SW 1	10	10	30
20..	57.38	56.82	24.8	30	97	74	Calm	SW 1	9	10	.....
21..	58.78	57.95	25	33.3	97	63	Calm	SW 1	9	8	.....
22..	59.64	57.40	23.5	32.8	96	62	Calm	N 1	9	8	.....
23..	58.92	58.11	24	30.5	97	76	Calm	N 1	8	9	1.8
24..	59.85	59.21	23.9	28.4	97	80	SSE 1	Calm	8	9	.9
25..	60.20	57.73	23.3	33.5	98	62	Calm	WSW 1	9	8	3.6
26..	58.82	56.52	23.3	30.6	97	70	SE 1	NW 1	8	9	.1
27..	58.02	56.38	23.6	33.5	97	58	Calm	NNE 1	7	8	1.3
28..	58.89	56.67	24	34	97	62	SSE 1	NNE 1	9	9	3.6
29..	57.77	56.07	23.4	29.7	97	72	Calm	E 1	8	9	.....
30..	55.80	54.56	23	29.7	97	75	Calm	WNW 1	8	9	1.8
31..	55.54	54.16	23.2	29.7	98	77	Calm	ENE 1	10	10	4.8
Mean	57.32	56.18	24.2	30.8	95.8	70.9	0.3	1.3	8.7	9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	146.1

NAGA.

[ϕ=13° 37′ N; λ=123° 11′ E; barometer above sea, 5.67 meters; gravity correction not applied, —1.75 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	55.91	55.38	23.6	29.4	98	78	SSE 1	S 1	10	10	30.8
2..	56.70	55.87	24.4	27.6	97	84	Calm	SSW 1	10	10	23.3
3..	56.75	55.86	24.6	31	93	65	S 1	SW 1	9	8	.....
4..	56.51	55.91	24.6	23.7	95	92	Calm	Calm	9	10	36.8
5..	56.25	55.14	23.7	27.7	97	84	Calm	NNW 1	9	10	23.4
6..	56.87	56.38	24.1	29.5	97	79	Calm	SSE 1	9	9	5.6
7..	57.26	55.85	24.5	31.3	96	68	Calm	SSW 1	10	8	.....
8..	56.34	54.91	24.3	32	96	66	Calm	SSW 1	9	9	.5
9..	56.72	56.15	24.2	26.2	96	90	SE 1	SSW 1	10	10	53.8
10..	56.82	55.53	24	28	97	83	WSW 1	SSW 1	10	10	7.1
11..	57.11	56.17	24.6	31.1	95	70	SSE 1	S 1	10	8	.....
12..	57.80	57.05	24	31	97	69	Calm	SW 1	9	8	.....
13..	58.69	58.44	24	26.5	97	85	Calm	S 1	9	10	30.5
14..	58.67	57.57	23	31	97	71	Calm	NW 1	8	9	.....
15..	59.59	57.34	23.6	32.7	98	65	Calm	NNE 1	10	8	.....
16..	58.67	56.59	23.4	31.1	97	71	Calm	N 2	10	8	.....
17..	56.82	56.49	23.8	27.2	95	87	Calm	Calm	10	9	6.1
18..	58.94	56.39	23.4	32.2	98	71	Calm	NNE 2	10	9	2.8
19..	59.21	57.15	23.8	26.6	97	94	Calm	Calm	9	10	11.5
20..	58.20	56.73	24	30.8	97	73	Calm	NNW 1	10	9	.....
21..	58.45	58.19	24	25	97	93	Calm	N 1	9	10	67
22..	59.24	57.83	23.8	28.9	97	78	Calm	W 1	10	9	.5
23..	58.37	56.56	23.8	30.2	97	73	Calm	SW 1	10	9	2
24..	58.40	56.17	23.6	27.4	97	84	Calm	NNW 1	10	10	1.3
25..	56.69	55.03	24.1	26.6	97	89	Calm	WNW 1	8	10	13
26..	56.15	55.23	23.8	27.8	98	88	Calm	Calm	10	10	7.6
27..	56.95	55.69	23.7	28	97	88	Calm	Calm	10	10	69.8
28..	56.69	55.74	24.4	25.9	98	96	SSE 1	Calm	10	10	58.9
29..	56.94	56.49	24.3	29.4	97	72	Calm	SW 1	10	10	3.8
30..	57.29	56.73	24	30.1	97	73	Calm	SW 1	9	9	23.4
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.50	56.35	24	28.9	96.7	79.3	0.2	0.9	9.5	9.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	479.5

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.82	57.41	23.3	26.7	97	88	SSE 1	W 1	9	10	10.7
2..	58.58	56.42	22.9	30.4	98	72	Calm	NNE 1	9	9	.....
3..	58.06	56.08	22.9	29.9	98	79	Calm	N 1	10	10	25.4
4..	56.70	55.55	24	24.5	98	95	Calm	NW 1	10	10	23.4
5..	54.86	53.34	23.5	23.8	97	97	Calm	WNW 1	10	10	106.5
6..	52.64	51.22	23.8	25.7	97	94	WSW 1	SW 1	10	10	64.5
7..	52.18	51.57	25.3	29	93	79	SW 1	SW 3	10	10	1.3
8..	54.22	53.63	25	29.2	93	75	S 1	SSW 2	9	9	8.4
9..	56.34	55.84	24.4	28.2	97	83	S 1	SE 1	10	9	3.8
10..	57.40	56.38	24.4	30.4	97	72	S 1	SSE 1	10	9	.....
11..	58.72	57.10	24.6	32.1	97	68	S 1	S 1	10	9	.....
12..	58.52	57.76	23.2	28.2	97	82	Calm	NE 1	10	9	.....
13..	59.51	58.63	23.5	25.4	97	92	SE 1	SW 1	9	10	20.6
14..	59.55	57.47	23.8	27.8	98	86	Calm	NNE 1	10	10	1.9
15..	58.85	57.37	23.4	28.2	98	83	Calm	N 1	10	9	6.1
16..	58.67	56.33	23.4	30.4	98	76	Calm	NNW 1	10	9	3.6
17..	56.46	55.17	23.7	28.2	97	82	Calm	NNE 2	10	10	.....
18..	56.56	55.43	24	27.5	93	85	NNE 1	NNW 1	9	9	1
19..	57.26	55.79	23.4	27	97	90	Calm	NE 1	9	9	4.1
20..	57.60	55.88	22.5	30.4	98	76	Calm	N 2	7	8	2.5
21..	57.69	56.03	23.4	29.9	97	73	Calm	NE 1	9	9	.....
22..	58.14	56.13	24.2	29.7	97	79	Calm	NNW 2	9	10	18.5
23..	58.72	56.73	23	28.2	98	86	Calm	SE 1	10	10	.3
24..	58.65	56.86	22.7	30.4	97	73	Calm	NNE 1	8	9	.....
25..	58.48	55.85	22.7	29.7	97	80	Calm	NNE 1	8	9	.3
26..	57.75	56.02	22.8	27	97	87	Calm	NNE 1	7	9	2.3
27..	56.89	55.42	23.3	30.4	98	73	Calm	Calm	10	9	23.9
28..	58.01	56.82	22.8	31.2	98	73	Calm	NE 1	8	8	.....
29..	58.96	57.89	22	27.4	97	89	Calm	NE 1	7	9	3.3
30..	58.61	57.45	23.2	27.4	97	86	Calm	NNW 1	10	10	12.2
31..	57.50	55.97	21.8	30.7	98	71	Calm	N 2	8	9	.3
Mean	57.45	55.99	23.4	28.5	97	81.4	0.3	1.2	9.2	9.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	344.9

NOVEMBER.

	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	56.94	56.12	23	29.5	97	79	Calm	NE 1	7	9	3
2..	57.85	56.62	22.5	29.5	97	75	Calm	SE 2	8	9	1
3..	57.90	56.71	22.4	29.8	96	74	Calm	Calm	8	9	5.3
4..	58.61	57.78	24.1	29.6	97	77	Calm	NW 1	10	10	4.3
5..	59.45	57.44	22.4	28.9	98	78	Calm	N 1	8	9	14
6..	60.03	58.71	23.1	25.3	97	89	Calm	W 1	10	10	8.6
7..	59.10	58.61	24	24.9	97	96	Calm	Calm	10	10	21.5
8..	59.45	58.53	22.8	26.4	98	87	Calm	NNE 1	9	10	11.9
9..	57.32	55.25	24.6	24.8	97	97	NE 1	NNE 1	10	10	36.6
10..	57.50	56.25	22	26.2	97	87	Calm	NW 1	8	8	.3
11..	57.58	56.57	22.5	28.4	97	82	Calm	NNE 1	8	9	3.6
12..	58.07	56.97	24.6	27.1	97	88	NE 1	NNE 3	9	10	79.3
13..	59.30	57.84	24	26.5	97	91	N 2	N 2	10	10	23.4
14..	57.07	56.61	25.5	26.3	94	91	N 3	NNE 1	10	10	19.1
15..	57.66	56.11	23.6	28.6	97	80	NNE 1	N 3	10	10	.....
16..	57.40	55.90	24	30.1	91	69	NNE 1	N 2	10	8	.....
17..	58.05	56 62	23.5	28.1	97	82	SSE 1	N 1	10	10	1
18..	57.75	56.28	23.7	29.2	97	74	Calm	WSW 1	10	8	.....
19..	57.46	55.96	22.2	31.2	98	62	Calm	SW 1	9	8	1
20..	58.55	56.80	24.4	31.5	97	69	Calm	SSW 1	10	9	.....
21..	59.57	57.90	23.1	30.2	97	75	Calm	N 2	7	8	4.1
22..	59.62	58.08	24.7	26.5	94	86	ENE 1	NNE 2	9	10	3.3
23..	57.87	56.63	23.2	28.5	98	78	Calm	NNE 1	8	9	4.6
24..	57.57	55.85	24.3	29.7	97	77	N 1	N 1	9	9	36.1
25..	57.82	56.94	24	26.2	97	90	ENE 1	N 1	10	10	1.3
26..	58.22	56.98	23.5	27	97	87	Calm	SW 1	10	9	.3
27..	58.76	56.62	23.1	27.6	97	89	Calm	NNW 1	8	9	5.9
28..	59.55	58.01	22.9	30.5	97	75	Calm	NNE 1	8	8	.....
29..	60.20	59	22.3	30.8	97	73	Calm	NNE 1	10	8	.....
30..	60.34	58.50	21.6	30.5	98	74	Calm	NNE 2	9	8	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.42	57.07	23.4	28.3	96.7	81	0.4	1.3	9.1	9.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	289.5

DECEMBER.

	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	60	58.16	20.5	31	98	62	Calm	N 1	8	8	.....
2..	60.10	58.17	20.8	30.7	96	70	Calm	N 2	8	8	.....
3..	59.91	58.97	22.3	27.7	97	79	Calm	NE 3	8	9	0.3
4..	60.07	59.22	22.5	31.4	97	67	ENE 1	N 2	8	9	.....
5..	60.18	58.08	20.7	30.6	97	65	Calm	NE 3	7	8	.....
6..	57.99	55.82	23.8	27.5	93	88	Calm	N 2	8	9	.....
7..	56.66	55.79	23.5	25.3	97	91	Calm	NNE 2	9	10	46.5
8..	55.49	54.80	24.1	25	97	93	N 1	NNE 1	10	10	22.4
9..	56.47	56.02	23.1	29	97	79	Calm	NNE 1	10	9	.....
10..	58.17	56.06	22.8	29.8	97	75	Calm	NE 2	9	8	.....
11..	57.16	56.27	23.2	26.4	97	90	Calm	Calm	8	10	11
12..	57.87	57.55	22.8	24.2	97	94	Calm	Calm	10	10	16.8
13..	58.41	57.49	21.2	27	98	90	Calm	NE 1	9	10	3
14..	57.99	57.46	21.4	30.9	99	71	Calm	NNE 1	9	8	.3
15..	58.41	57.23	22.7	28.7	97	73	Calm	N 2	9	9	.....
16..	57.85	56.26	23	27.8	98	84	Calm	NNE 2	9	9	6.6
17..	57.61	56.52	22	28	97	82	Calm	NNE 2	9	9	.6
18..	58.52	57.78	22.4	28.4	97	82	Calm	N 2	8	9	8.7
19..	59.21	58.03	21.7	26.7	97	90	Calm	NE 2	8	10	12
20..	58.38	57.23	23.1	30	97	73	Calm	NNE 1	9	8	.....
21..	59.06	56.96	22	29.4	97	75	Calm	N 2	9	8	.3
22..	58.74	57.26	19.8	30.4	98	69	Calm	N 2	7	8	.....
23..	58.16	56.88	22	29	96	75	Calm	NNE 2	8	9	.....
24..	58.03	56.71	21.5	25.2	98	92	Calm	NNE 1	8	9	8.7
25..	56.87	55.71	22.8	26.3	97	90	Calm	NNE 2	9	10	37.1
26..	56.40	56.27	23.2	24	97	95	NNE 2	NNE 2	10	10	5.5
27..	56.83	56.95	22.6	24.6	94	85	NNE 2	N 3	10	10	.6
28..	57.79	57.41	22.1	23.7	96	84	NNE 2	NE 3	10	10	.....
29..	58.09	57.26	22.4	25.3	92	84	NNE 3	NNE 3	10	10	.8
30..	57.72	57.80	23.2	25	97	89	N 2	NNE 3	10	10	3.8
31..	59.16	59.14	21.9	24.2	96	85	N 3	N 3	10	10	.....
Mean	58.17	57.14	22.3	27.5	96.7	81.3	0.5	1.9	8.8	9.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	185

BATANGAS.

[ϕ=13° 45′ N; λ=121° 03′ E; barometer above sea, 8 meters; gravity correction not applied, —1.75 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	58.60	56.85	22.9	31.4	92	66	NE	1	ENE	2	7	8	.....
2..	59.07	57.15	22.3	31.4	95	62	E	2	SSW	2	5	2	.....
3..	59.35	58.10	22.6	29.5	95	65	ENE	1	ENE	1	0	8	9.4
4..	60.95	60.71	23.6	25.4	91	80	ENE	1	NE	2	9	10	4.3
5..	63.48	62.11	22.6	27.4	92	67	NE	4	E	6	10	10	1.3
6..	64.08	62.22	22.4	27	88	65	NE	1	E	4	10	10	1.6
7..	63	61.28	21.7	29.6	94	61	NNE	1	ENE	2	10	10	.5
8..	63.09	61.63	20.5	30	91	55	NNE	2	ENE	2	10	8	.....
9..	64.38	62.95	22.6	26.1	91	82	ENE	1	E	3	10	10	1.8
10..	64.36	63.15	23.1	25.1	97	87	ENE	1	E	2	10	10	6.1
11..	64.16	62.54	22.7	23.6	78	86	E	1	E	1	10	10	3.3
12..	62.42	61.06	22.1	27.3	87	71	NNE	1	ENE	2	10	10	.3
13..	61.22	59.39	22.8	28.2	91	66	SW	1	NE	3	2	8	.....
14..	60.48	59.20	21.6	31	96	62	NE	1	E	2	1	6	.....
15..	60.37	58.98	22.6	31.1	93	53	NNE	1	NNE	2	10	6	.....
16..	60.13	58.95	22.9	26.9	85	74	ENE	1	ESE	1	7	10	.....
17..	60.35	58.48	20.5	28.6	97	72	ENE	1	W	1	4	10	.5
18..	59.68	57.05	21.1	27.1	95	73	NNE	1	NE	2	4	10	.....
19..	59.20	57.19	23.1	27.6	90	70	NNE	1	NE	2	10	10	.....
20..	58.20	56.78	22.9	28.7	92	64	ENE	1	E	2	10	10	.....
21..	58.47	57.10	23.2	28.6	95	64	E	1	N	3	10	10	.....
22..	58.87	57.49	22	29.1	93	64	ENE	1	E	2	7	10	.....
23..	59.08	57.31	22.9	28.7	92	69	NNE	1	SSW	2	10	10	.....
24..	59.10	57.80	22.8	28.4	90	65	NE	1	NE	3	9	10	.....
25..	59.10	58.79	23.3	25.1	84	84	NE	3	NE	3	10	10	1.3
26..	60.13	58.38	23	29.5	91	64	NE	2	ENE	3	10	10	4.6
27..	59.39	57.84	24	29.8	87	62	ENE	3	ENE	3	7	10	.....
28..	59.15	57.23	22	31.8	93	58	NE	2	ESE	2	1	6	.....
29..	59.18	58.28	23	28.6	91	63	NE	2	ENE	3	10	10	.5
30..	59.74	58.59	22.5	27.8	89	65	NE	4	NE	4	10	10	.....
31..	59.78	57.61	21.5	27.2	90	74	NE	1	S	3	10	9	.8
Mean	60.60	59.10	22.5	28.3	91.1	68.2	1.5		2.4		7.8	9.1	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	36.3

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	59.49	57.86	22.4	28.6	91	64	NE	1	NE	3	10	10	.....
2..	58.84	57.69	23.1	28	85	65	ENE	3	NE	3	9	10	.....
3..	59.94	58.79	22.1	28.6	88	64	NNE	1	NE	3	9	10	.....
4..	60.59	59.79	22.1	27.6	90	70	ENE	1	ENE	4	6	10	.....
5..	61.32	60.75	22.5	26	87	82	NE	2	ENE	2	3	10	1
6..	61.71	61.16	22.1	27.9	88	69	NNE	3	NE	4	8	10	.....
7..	61.65	59.84	23.4	32.3	86	51	E	2	SSE	1	10	1	.....
8..	61.22	59.27	23.1	30.6	92	55	NE	1	SE	1	10	10	.....
9..	61.28	58.61	21.2	29.4	95	70	NE	1	SW	2	3	8	.....
10..	61.38	59.26	22.4	29	86	58	NNE	1	NE	4	10	9	.....
11..	61.40	59.52	22.8	29	86	58	ENE	2	NNE	4	10	8	.....
12..	61.65	60.43	20.9	28.5	93	67	NE	1	SW	2	9	10	1.3
13..	61.68	60.11	22.3	28	94	66	ENE	1	NNE	2	10	10	.....
14..	62.31	60.81	21.7	27	82	59	NE	1	ENE	3	10	10	.....
15..	62.05	60.08	22.7	29	86	64	NE	1	ENE	2	10	10	.....
16..	60.84	58.37	22.4	31.1	93	60	NE	1	E	2	10	7	.....
17..	59.92	57.13	22.1	31.3	95	61	ENE	1	NW	1	6	10	.....
18..	58.19	55.79	22.7	32	93	56	NNE	1	SSW	2	3	9	.....
19..	57.55	56.13	22.1	29.3	92	71	NE	1	SE	1	10	10	.....
20..	58.83	59.14	22.6	27.6	93	60	NE	1	NNE	2	3	10	.....
21..	60.97	60.06	23.7	30	71	48	ENE	2	NE	4	10	10	.....
22..	61.23	60.04	22.4	32	81	49	ENE	1	ENE	2	10	8	.....
23..	60.79	58.48	20.7	30.6	84	50	NNE	1	SSE	2	0	7	.....
24..	59.18	57.53	21.2	33.1	90	50	NE	1	SE	2	5	9	.....
25..	58.88	57.20	23.1	32.9	87	50	NNE	1	ENE	2	3	7	.....
26..	58.48	56.59	23.9	33.4	89	45	ENE	1	ENE	3	0	7	.....
27..	57.93	56.04	22	33.3	87	50	NNE	2	ENE	3	6	7	.....
28..	57.63	56.26	23.1	33.3	90	47	NNE	1	SE	2	1	4	.....
Mean	60.25	58.67	22.4	30	88.4	59.2	1.3		2.4		6.9	8.6	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	2.3

MARCH.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	58.26	56.20	23.4	33.7	85	48	NNE	1	ENE	2	4	10	.....
2..	58.44	56.51	24	32.7	86	54	E	1	NNE	4	1	9	.....
3..	58.49	56.53	22.6	34.6	91	46	NE	1	E	1	1	9	.....
4..	57.32	56.07	23.6	33.1	89	53	NE	1	ENE	4	0	10	.....
5..	57.93	56.84	23.7	31.2	91	58	ENE	1	SSE	3	10	10	.....
6..	58.84	57.06	23.6	33.8	90	41	ENE	1	NNE	2	1	2	.....
7..	59.17	56.94	21.8	33.9	94	41	NE	1	ENE	3	1	1	.....
8..	58.42	56.07	22.6	32.1	87	55	NE	1	NE	3	1	10	.....
9..	57.77	56.25	22.1	33.9	91	43	ENE	1	ENE	3	0	10	.....
10..	58.96	56.73	24.6	33.4	85	50	NNE	2	ESE	4	3	8	.....
11..	58.54	57.01	25	33.6	83	46	ENE	1	NE	1	9	5	.....
12..	58.29	56.50	24.2	33.1	82	50	NE	1	ENE	2	6	10	.....
13..	58.55	56.94	21.6	30.2	87	61	NNE	2	SW	1	3	10	.....
14..	59.12	58.40	22.1	32.1	92	53	NNE	1	ENE	1	10	10	.....
15..	60.64	58.83	22.7	33.6	90	39	NE	1	E	4	8	3	.....
16..	60.56	58.78	24.5	30.6	80	56	ENE	2	E	5	6	10	.....
17..	59.98	57.87	24.6	30.6	83	62	ENE	1	S	2	10	10	.....
18..	59.98	58.48	25.1	34.5	83	48	E	1	E	3	1	10	.....
19..	59.62	57.57	23.9	32.5	89	52	ENE	1	SSE	3	1	9	.....
20..	59.32	57.90	23.9	33.6	89	45	NE	1	SSE	3	0	6	.....
21..	59.92	58.74	23.2	34.1	88	40	NE	1	ENE	3	4	4	.....
22..	61.26	59.08	22.7	31.8	86	51	NE	1	ENE	1	1	9	.....
23..	60.02	58.62	22.5	32.1	89	49	ENE	1	ENE	2	1	9	.....
24..	59.63	57.86	24.2	33.8	82	44	ENE	1	ENE	3	3	7	.....
25..	59.77	58.97	23.1	29.8	85	60	ENE	2	ENE	2	1	10	11.9
26..	59.78	58.04	23	31.7	88	56	NE	2	S	2	2	8	.....
27..	60.24	58.43	24.2	33.6	83	54	NE	1	WSW	2	10	7	.....
28..	60.73	60.14	23.1	27.6	91	81	ENE	1	ENE	2	1	10	1.8
29..	61.34	59.67	22.7	32.2	89	54	NE	2	WSW	2	6	5	1.8
30..	60.74	57.88	22.3	32	94	58	ENE	1	SSW	2	9	9	.....
31..	59.64	57.99	23.1	32.5	90	59	ENE	1	WSW	2	6	10	.....
Mean	59.40	57.71	23.3	32.5	87.5	51.8	1.2		2.5		3.9	8.1	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	15.5

APRIL.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	60.03	57.47	22	32.9	91	58	ENE	1	SSW	3	1	7	7.6
2..	58.97	56.87	23.5	32.5	89	58	NE	1	SSE	3	3	8	1.5
3..	58.77	56.64	23.6	33	92	50	ENE	1	SSE	3	10	10	.....
4..	58.91	57.02	24	33.2	90	45	NE	1	SSE	3	1	5	.....
5..	59.12	57.13	23.9	34.1	86	48	NE	1	E	3	1	10	.....
6..	58.47	56.55	24.8	34.1	85	48	NNE	1	SSE	3	10	10	.....
7..	58.19	56.08	24.1	33.6	89	51	ENE	1	ENE	1	4	10	.....
8..	57.41	55.93	24.6	30.6	87	67	NNE	1	NE	4	10	10	.....
9..	58.01	56.50	24.2	34.5	91	54	ENE	1	WSW	3	9	8	.....
10..	58.33	56.55	24.6	33.1	92	56	ENE	1	S	3	1	9	7.6
11..	57.26	55.25	24.4	34	89	49	ENE	1	SSE	3	1	3	.....
12..	57.06	54.74	24.6	34.2	89	48	ENE	1	S	4	1	8	.....
13..	57.45	55.77	23.8	34.6	94	45	NE	1	SE	1	1	4	.....
14..	58.52	56.37	23.2	32.6	84	55	ENE	1	SSW	2	7	8	.....
15..	58.67	56.08	23.6	32.7	83	62	ENE	1	SSW	3	5	7	.....
16..	57.40	55.88	24.9	33.4	89	60	NE	1	SSW	2	8	10	.....
17..	57.44	56.39	24.6	31.2	91	62	NE	1	W	1	10	10	.....
18..	57.87	55.63	24.2	35.8	91	47	ENE	1	SSW	3	6	5	.....
19..	57.54	55.29	24.5	34.5	91	49	ENE	1	SSE	3	6	5	.....
20..	57.61	55.71	23.3	35.3	90	43	ENE	1	SSE	1	2	4	.....
21..	57.27	55.27	23	35.7	89	43	ENE	2	S	3	3	4	.....
22..	57.39	54.97	23.4	34.9	87	45	NE	1	SE	3	4	7	.....
23..	56.21	55.46	25.1	33.8	87	55	NE	2	S	5	7	8	.....
24..	57.84	56.79	23.6	27.4	84	84	ENE	1	NE	3	0	10	1.8
25..	57.96	57.16	25.1	27.6	90	82	ENE	1	E	1	6	10	1.5
26..	57.73	56.09	24.9	31.4	89	62	NE	2	WNW	2	8	10	.3
27..	57.80	55.94	24.8	34.1	89	53	NE	1	SW	2	10	10	.....
28..	57.46	56.39	24.1	31.3	89	63	E	2	ENE	2	10	10	.3
29..	57.37	54.55?	24.9	33.2	89	54	NE	1	ENE	3	1	5	.....
30..	57.80	55.48	25.5	34.2	87	58	NE	1	SSE	3	7	8	.3
31..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	57 93	56.06	24.2	33,1	88.8	55.1	1.1		2.6		5.1	7.8	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	20.9

BATANGAS.

[ϕ=13° 45′ N; λ=121° 03′ E; barometer above sea, 8 meters; gravity correction not applied, —1.75 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.28	55.73	24.2	33.2	91	62	E 1	W 3	10	8	6.9
2..	57.97	56.68	24.9	30.1	92	71	ENE 1	ENE 1	10	10	.5
3..	56.97	55.93	24.1	30.3	93	66	NNE 1	ENE 3	9	10	.....
4..	57.47	56.23	23.7	32.1	94	64	ENE 1	SW 2	10	10	.....
5..	57.93	56.71	25.1	31.3	92	62	NE 2	SSE 2	10	10	.....
6..	58.08	56.19	24.6	32.1	92	58	ENE 1	SSW 2	9	10	.5
7..	57.65	56.25	25.5	30.6	91	68	E 2	SSW 2	7	10	.3
8..	57.96	56.12	23.9	31.4	93	60	E 1	SSW 2	7	10	.....
9..	58.26	56.64	24.7	32.6	92	60	NE 1	SW 2	10	10	.....
10..	58.03	56.33	24.6	31	92	68	ENE 1	WSW 3	10	10	.....
11..	57.11	55.74	24	33.6	92	57	NNE 1	WSW 3	10	8	.....
12..	57.75	56.01	25.1	32.4	92	63	NNW 1	W 2	10	10	.....
13..	58.05	56.92	25.7	32.2	91	57	NE 1	S 2	10	7	.....
14..	59.70	57.19	24.6	31.2	92	65	ENE 1	SSW 2	5	10	.....
15..	60.19	57.43	25.4	33.1	89	54	ENE 1	SSW 3	10	9	.....
16..	59.31	57.15	24.6	34.9	91	45	NE 1	SSE 4	10	10	.....
17..	59.62	56.91	25.2	36.2	83	36	NE 1	SSE 1	1	1	.....
18..	59.47	57.65	24.3	36.5	86	40	NNE 2	ENE 1	1	7	.....
19..	58.89	57.74	25	25.1	97	92	ENE 2	NNW 1	7	10	27.7
20..	57.47	56.38	24.6	30.8	92	58	NE 2	S 2	3	10	.3
21..	57.46	55.98	23.6	33.4	88	53	NNE 2	SSE 1	10	9	.....
22..	57.98	56.47	24.6	34.4	87	53	ENE 1	NE 3	8	10	6.1
23..	58.76	58.36	24.1	27.3	96	83	ENE 1	NE 3	10	10	1.8
24..	58.53	57.31	23.4	27.6	95	81	E 1	ENE 1	10	10	3
25..	58.44	56.20	24.1	29.4	94	75	ENE 1	W 1	10	10	.5
26..	57.99	56.78	23.6	30.2	95	68	ENE 1	S 2	10	10	.....
27..	58.61	57.55	23.8	29.7	94	75	E 1	NNW 1	9	9	8.7
28..	58.11	56.54	23.7	31.1	94	72	E 1	NE 3	7	10	.8
29..	58.09	55.53	23.6	32.1	92	66	NE 1	SE 2	5	8	.....
30..	57.97	56.57	25.1	31.1	92	69	NNE 1	SW 2	10	10	.3
31..	58.07	57.08	25.1	30.6	91	73	ENE 2	NE 2	10	10	12.4
Mean	58.23	56.65	24.5	31.5	91.8	63.7	1.2	2.1	8.3	9.2	.....
Tota	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	69.8

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.55	56.37	25.6	31.6	86	66	ENE 1	SW 1	10	10	.....
2..	58.09	56.18	25.6	30.5	92	81	EbyN 1	NNE 2	10	10	1.8
3..	57.01	55.79	25.1	30.3	92	74	NNE 1	SSE 3	10	10	27.4
4..	57.06	55.86	24.1	32.1	93	54	NE 1	EbyN 2	6	10	.....
5..	57.97	56.15	25.1	34.6	92	55	E 1	ENE 2	9	9	.....
6..	58.47	56.83	25.6	33.7	88	56	NE 1	SSE 2	3	3	.....
7..	58.05	56.45	25.1	35.6	89	43	NE by E 1	ENE 2	8	3	.....
8..	58.26	56.55	26.2	33.1	86	56	ESE 1	sbyE 1	9	9	7.9
9..	58.90	57.53	24.6	31.3	93	66	NE 1	SSE 2	10	9	3
10..	58.51	56.69	24.7	31.1	86	68	ENE 1	ENE 1	9	8	1
11..	58.06	56.47	24.1	29.1	92	77	NE 1	SSE 1	6	10	2
12..	57.27	56.50	25.3	31.5	92	58	ENE 1	E 2	10	10	1.3
13..	57.70	56.17	24.5	31.6	93	66	ENE 1	SE 3	10	8	.5
14..	57.87	55.89	24.3	34.6	90	50	NE 1	ENE 3	5	9	4.3
15..	58.72	57.38	23.6	34.3	95	54	ENE 1	W 1	1	10	3
16..	58.15	55.40	25.2	35.2	92	46	NNE 1	ENE 2	1	1	.....
17..	57.42	55.08	25.8	33 4	90	58	ENE 1	WSW 3	10	10	2.5
18..	56.98	56.05	24.4	29.2	95	81	EbyN 1	SSW 1	10	10	16.5
19..	58.89	57.65	24.1	29.1	94	78	NE 1	WNW 3	10	10	2.5
20..	58.68	57.68	24.3	32.1	95	64	EbyN 1	SW 2	10	9	5.3
21..	58.22	56.70	24.5	31.1	94	69	ENE 1	SSW 2	8	10	.....
22..	57.57	56.30	25.2	30.1	92	76	NNE 1	WSW 2	10	10	20.8
23..	57.48	55.68	23.6	30.2	96	70	NE 1	WSW 2	10	10	.5
24..	58.17	56.83	24.4	26.2	92	91	SSE 1	SSW 1	10	10	22.3
25..	57.21	55.34	23.5	31.5	97	69	NNE 1	S 1	10	9	.....
26..	55.94	54.88	24.2	30.1	95	72	NE 1	WSW 3	10	10	.....
27..	56.73	56.97	24.5	27.3	92	84	NNE 1	WSW 1	10	10	3.3
28..	58.03	57.53	24.1	32	94	64	ENE 1	WSW 2	10	10	3
29..	59.03	56.66	24.1	32.8	92	61	NNE 2	SSE 2	8	8	42.7
30..	58.03	56.45	24.6	29.6	93	78	ENE 1	ENE 1	10	10	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.90	56.40	24.7	31.5	92.1	66.2	1	1.9	8.4	8.8	.....
Tota	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	171.6

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.57	56.40	25.6	25.8	92	89	ENE 1	WSW 1	10	10	22.6
2..	57.14	56.02	23.1	31.6	97	65	ENE 1	WSW 2	10	10	.5
3..	56.79	55.33	23.6	31.7	95	64	ENE 1	WSW 3	6	4	14.5
4..	55.81	55.79	24.7	29.5	95	73	NNW 1	W 2	10	10	.....
5..	55.18	54.25	25.6	30.2	91	71	NNW 2	SSW 3	10	10	.....
6..	55.27	54.69	26.1	30.6	84	68	WSW 1	WSW 3	10	10	.....
7..	55.69	55.85	25.8	28.5	91	76	N 1	W 2	10	10	10.2
8..	56.26	55.39	24.5	27.8	91	79	ENE 1	WSW 3	10	10	.5
9..	55.32	54.76	23.6	31.4	93	67	NE 1	WNW 2	10	10	.3
10..	55.59	54.75	25.1	32.1	94	64	NE 1	SW 3	10	9	38.4
11..	55.83	54.68	24.1	30	96	73	NNW 1	W 3	10	10	26.4
12..	55.08	54.05	25	29 7	92	71	WSW 1	W 3	10	10	5.1
13..	54.88	54.85	23.6	30.8	94	71	ENE 1	WSW 2	7	10	3.6
14..	55.55	54.65	23.8	29.1	95	83	NNE 1	SW 1	10	10	.....
15..	56.24	55.70	24.1	27.2	95	84	ENE 1	SSE 1	3	10	5.1
16..	55.90	54.35	22.9	28	97	85	ENE 1	WNW 2	10	10	73.7
17..	55.44	55.11	24.5	26.1	93	86	wbys 1	WSW 1	10	10	22.8
18..	56.12	54.37	24.1	28	95	79	ENE 1	NNW 1	10	10	3.3
19..	55.94	55.68	24.3	31.3	92	70	ENE 1	W 2	10	10	.....
20..	56.98	56.63	23.8	30.5	94	72	ENE 1	NE 2	10	9	.....
21..	56.94	56.59	23.6	31.7	96	66	ENE 1	W 2	9	6	.....
22..	58.50	57.34	24.5	30.6	92	72	EbyN 1	WSW 2	10	10	.....
23..	59.47	57.84	24.5	31	93	68	NNE 1	W 3	10	10	.....
24..	58.60	58.09	25.2	25.6	89	87	NNE 1	NNW 2	10	10	3.3
25..	57.24	56.65	23.3	31	94	66	NNW 1	SSW 2	10	10	.....
26..	56.98	56.20	24.8	29.8	93	71	NNE 1	W 3	10	10	5.1
27..	56.95	54.99	25.3	28.3	93	76	WNW 1	WNW 3	10	10	8.1
28..	56.11	55.10	25	30	96	76	N 1	SW 2	10	10	2.8
29..	55.99	54.97	26.2	28.7	89	76	W 1	WNW 3	10	10	.3
30..	55.99	54.88	26.4	31	82	71	SSW 2	WSW 3	10	10	.....
31..	57.07	55.85	27.1	30.5	92	70	NNW 1	W 4	10	10	.....
Mean	56.40	55.54	24.6	29.6	92.7	73.8	1.1	2.3	9.5	9.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	246.6

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	56.81	55.87	25.1	31	91	65	E 1	WSW 3	10	8	.....
2..	57.28	56.07	25.4?	31.6	77?	65	NE 1	NW 2	8	3	.....
3..	56.67	56.09	24.5	28.8	94	76	NNW 1	WNW 3	10	10	13
4..	56.62	55.86	24.1	28.1	95	87	WNW 1	NW 1	10	10	4.1
5..	57.74	56.08	24.1	31	97	71	NE 1	SW 2	10	10	.....
6..	58.11	57.09	24.5	29	96	75	ENE 1	NNE 1	5	9	.....
7..	57.54	56.50	23.1	24.9	96	91	ENE 2	NNE 2	8	10	14.8
8..	56.87	55.45	23	27.7	97	85	NE 1	WNW 1	10	10	6.6
9..	57.36	56.50	23.9	30.6	93	72	N 1	ENE 1	10	10	.....
10..	57.38	55.96	23.5	30	96	75	NE 1	W 3	10	10	.....
11..	55.72	55.85	26.7	30.5	86	72	WSW 1	W 3	10	10	.....
12..	57.63	56.07	23.4	32.5	92	64	ENE 1	WNW 2	10	10	.....
13..	58.22	56.07	24.1	30.8	96	71	NNE 1	WSW 3	10	10	.....
14..	57.35	55.47	23.6	32	96	64	ENE 1	WSW 3	2	5	1.3
15..	56.50	54.89	24.7	31.5	96	72	NE 1	WNW 3	10	10	1.3
16..	54.87	53.47	27	32	89	68	WNW 1	W 3	10	10	4.1
17..	53.91	52.48	25.7	27.5	90	84	WNW 2	W 3	10	10	5.1
18..	53.45	53.83	27.1	25.5	84	93	WSW 3	SSW 2	10	10	18.8
19..	56.27	55.61	25.6	29.1	90	78	WNW 3	SSW 1	10	10	2.8
20..	56.82	56.25	24.5	30	93	73	NNE 2	WSW 2	10	10	.....
21..	58.83	57.58	27.7?	30.4	84?	74	NE 1	SSW 3	10	10	7.4
22..	59.32	57.43	23.3	32.4	95	66	NE 1	W 2	2	3	1.3
23..	59.12	58.35	24.1	27.4	95	86	W 1	NE 2	4	10	.....
24..	59.96	58.32	24.4	32.1	91	68	ENE 1	ENE 1	1	10	9.1
25..	60.07	57.94	24.5	29	97	80	W 1	W 2	10	9	.....
26..	58.44	56.80	23.6	31.5	95	68	NE 1	WSW 3	10	9	.....
27..	58.13	55.63	24.8	31.6	94	66	NNE 1	W 2	9	10	.....
28..	58.97	56.89	25.6	29.5	95	79	NE 1	SSW 1	10	10	.3
29..	57.77	55.76	24.9	27.5	93	81	ENE 1	ENE 2	2	10	1.5
30..	56.04	53.89	24.2	31.9	93	69	ENE 1	SSW 2	10	9	5.3
31..	55.40	53.50	24.2	32.2	95	68	W 1	SSE 3	10	10	6.3
Mean	57.26	55.92	24.7	30	92.6	74.4	1.2	2.2	8.4	9.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	103.1

BATANGAS.

[ϕ=13° 45′ N; λ=121° 03′ E; barometer above sea, 8 meters; gravity correction not applied, —1.75 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	55.47	54.78	24.6	27.1	95	88	ENE 1	SW 1	10	10	36.1
2	56.08	54.99	25.2	31.7	94	63	ENE 1	SSW 3	10	10	.8
3	56.29	54.79	25	32	92	60	NE 2	W 2	10	10	3
4	56.42	55.14	24	30.5	96	68	NE 1	WSW 1	10	10	2
5	56.63	55.99	24.6	28.3	95	78	NNE 1	W 3	10	10	1.8
6	57.46	56.23	26.2	30	90	66	NNE 1	W 2	10	10	.5
7	56.62	55.19	26	28.5	84	78	ENE 1	W 2	10	10	1
8	56.15	54.36	25	29.4	95	76	ENE 1	SSW 1	10	10	.....
9	56.61	55.65	25	28.7	94	81	NE 1	SW 1	10	10	7.4
10	57.26	55.54	26.2?	28.6	85?	79	ENE 1	WSW 3	10	10	.....
11	56.84	55.80	27.1	30.1	87	73	WSW 2	W 3	10	10	1.8
12	57.70	56.70	26.5?	31.4	89?	66	NE 1	SSW 2	10	10	.....
13	58.67	56.86	27.2?	33.1	84?	60	ENE 1	ESE 2	10	10	3
14	59.23	57.20	26.1	31.5	90	68	ENE 1	N 2	10	10	6.1
15	59.33	57.09	24	31.2	96	68	ENE 1	W 2	1	4	.....
16	58.51	56.18	25	31	90	64	NNE 1	ENE 1	10	10	3.3
17	57.71	56.36	27.4?	29.8	84?	75	ENE 1	WSW 1	10	10	5.1
18	59.02	57.30	24.5	26.6	96	83	E 1	W 1	10	10	2
19	59.31	57.65	25.6	26.7	86	87	NNE 1	W 1	10	10	8.9
20	58.53	56.38	24	30.5	91	68	NNE 1	SE 3	10	10	12.4
21	58.35	57.17	24.3	30.2	95	68	NE 1	ENE 2	10	10	8.6
22	59.53	57.11	24.6	29.7	92	69	ENE 1	SSW 2	10	10	6.9
23	58.16	56.29	23.9	30.1	94	71	ENE 1	SSW 2	3	10	5.8
24	58.92	55.70	25.4	31.6	93	68	NNE 1	WNW 1	10	10	.5
25	56.85	54.95	24.5	31	96	71	N 1	W 3	10	10	2.8
26	56.27	55.15	24.7	30.6	97	66	NE 1	WSW 2	10	10	.....
27	57.36	55.73	24.3	31.3	93	67	NNE 1	W 2	10	10	8.6
28	56.76	55.14	25.8	30.8	93	68	NNW 1	WNW 3	9	10	.5
29	57.12	56.19	25.5	29.2	91	74	ENE 1	WSW 1	10	10	1.3
30	57.75	56.64	25.7	29.9	93	69	NNE 1	W 3	10	10	.5
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.56	56.01	25.3	30	91.7	71.3	1.1	1.9	9.4	9.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	130.7

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.77	56.91	25.8	29.4	89	71	NE 1	WSW 2	10	10	.....
2	58.62	56.73	26.2	30	85	71	NE 1	SW 2	9	10	3
3	58.53	55.84	25.4	30.2	92	73	N 1	SSW 3	10	10	25.9
4	57.81	55.40	26.5	29.4	83	78	ENE 1	W 3	7	10	8.4
5	55.47	54.10	26.3	26.7	82	88	NNW 2	SSW 2	10	10	19.8
6	54.64	51.96	25.5	26.8	90	87	NW 2	SW 3	10	10	21.3
7	53.09	51.85	26.4	29.4	90	79	WNW 2	WSW 3	10	10	1.5
8	54.87	54.81	26.8	25.8	86	86	WSW 3	WNW 3	10	10	18
9	57.07	55.92	23.5	25.5	97	84	NE 1	S 1	10	10	9.6
10	57.93	55.98	24	28.8	96	77	NNE 1	W 3	10	10	1
11	58.69	56.59	25.4	30	90	72	NE 1	NNE 2	10	10	.....
12	59.01	57.28	25.8	30.2	88	70	NE 1	ENE 2	10	10	1
13	59.42	57.45	25.3	30.4	93	72	ENE 1	SSE 1	10	10	35.1
14	59.89	57.15	25.8	31.4	89	66	ENE 1	WSW 2	10	10	.....
15	58.63	56.61	25	30.4	90	72	ENE 1	SSW 2	7	10	13
16	58.73	55.83	24	32	94	62	ENE 1	E 2	10	9	.....
17	57.02	54.97	26.3	28.3	83	74	NE 2	EbyN 2	8	10	.....
18	56.96	55.76	24.4	25.6	88	90	NNE 1	NE 2	10	10	7.2
19	57.47	56.07	23.1	25.3	94	89	NNE 1	NE 1	10	10	11.7
20	57.81	55.29	23.8	31.1	93	71	NE 1	SSW 2	10	10	15.7
21	58.21	55.65	24.4	32.4	95	62	NE 1	ENE 2	10	9	.5
22	57.99	55.84	24.8	30.8	92	67	ENE 1	SSW 1	10	10	2
23	58.45	56.68	25.1	28.5	92	83	ENE 1	WSW 3	10	10	26.7
24	58.41	56.18	24.4	31.1	92	62	NE 1	ENE 2	10	9	.....
25	58.30	55.37	26.2	30.5	88	71	E 2	SSE 2	10	10	1.8
26	57.59	55.13	24	31.7	92	65	EbyN 1	SSW 2	10	10	.....
27	56.85	55.56	23.5	26.3	94	83	NNE 2	NNE 1	10	10	10.7
28	58.76	56.22	24.9	30.9	91	64	NE 1	S 2	7	7	.....
29	59.62	57.46	25.7	29.4	93	70	NE 1	E 2	2	10	.3
30	58.85	56.96	25.3	28.4	91	70	NE 1	ENE 4	10	10	2
31	57.96	55.82	25.6	32.3	89	60	ENE 1	NE 3	10	10	3
Mean	57.82	55.79	25.1	29.3	90.4	73.8	1.3	2.2	9.4	9.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	239.2

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.36	55.95	24.9	29.8	87	67	NE 2	E 2	10	10	.....
2	57.84	56.39	24.4	28.7	90	73	NE 1	ENE 3	10	10	.....
3	57.78	56.51	24.4	27.6	91	83	NNE 1	ENE 2	3	10	2
4	58.64	57.56	24	29.8	95	68	NNE 1	E 2	10	10	3
5	59.61	57.16	25.3	27.9	91	82	NNE 1	ENE 2	10	10	3.3
6	59.62	57.54	25.2	27.8	86	71	ENE 1	ENE 4	10	10	1.3
7	59.52	57.41	25.8	26.8	84	81	ENE 2	NE 3	10	10	.....
8	60.07	58.30	26.5?	29.7	84?	67	EbyN 2	ENE 3	10	10	2.5
9	58.28	55.70	24	27.9	96	81	ESE 1	ENE 1	10	10	6.6
10	56.82	55.36	24.4	31.6	89	64	ENE 3	SE 2	10	9	.....
11	57.08	56.53	24.2	27.5	94	84	NE 1	E 2	2	10	10.4
12	59.32	57.53	24.4	28.6	93	73	E 1	NNE 2	10	10	.....
13	60.44	57.96	23.3	29.4	90	70	ENE 1	SSW 1	10	10	.....
14	59.86	56.65	24.2	29.3	93	65	NNE 1	NNE 3	10	10	.....
15	58.47	55.75	25	29.4	92	75	ENE 1	SSW 2	10	10	.....
16	58.07	55.54	25.2	29.8	92	66	ENE 1	ENE 2	10	10	7.6
17	57.84	56.46	24	25.5	91	85	NNE 1	NNE 1	10	10	10.4
18	57.83	56.33	24	25.7	92	89	ENE 1	E 2	10	10	6.8
19	57.09	55.77	24.2	27.4	92	85	ENE 2	E 2	10	10	5.8
20	58.77	56.62	23.4	28.2	99	80	NNW 2	NNE 2	10	10	3
21	59.56	58.18	23.9	25.5	94	93	ENE 2	NE 1	8	10	17.3
22	60.22	58	23.3	28.5	94	78	ENE 2	ENE 3	10	10	1
23	58.68	56.41	23.2	28.9	95	76	ENE 1	NE 2	10	10	7.9
24	58.44	55.78	25.2?	28.6	90?	73	E 1	E 3	10	10	2.5
25	57.13	56.56	24.1	24.9	95	92	NNE 1	E 1	10	10	26.1
26	59.09	56.38	24.4	29.9	93	65	NE 1	E 2	10	10	.....
27	58.57	56.15	24.8	31.1	88	65	NE 1	S 2	7	10	1.3
28	59.83	57.45	24.5	30.1	94	73	E 1	WSW 2	10	10	1.8
29	60.34	58.56	24	31.2	92	66	NE 1	S 2	10	10	.....
30	60.61	57.85	25.2	30	90	67	NE 2	ENE 2	9	1	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.74	56.81	24.4	28.6	91.5	75.2	1.3	2.1	9.3	9.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	120.6

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.44	57.75	24.9	30.6	91	67	ENE 1	SSW 2	10	2	.....
2	60.08	57.44	23	28.3	95	80	ENE 1	W 1	6	9	.....
3	60.44	58.49	24.9	32	94	54	ENE 1	ENE 2	10	1	.....
4	60.12	58.81	23.6	29.5	90	65	NE 2	ESE 2	3	10	.....
5	60.62	58.05	22.5	30.3	94	63	NNE 1	ENE 3	2	4	.....
6	59.16	56.25	23.9	26.4	89	83	ENE 2	NNE 1	10	10	7.4
7	57.64	55.20	23.6	28.5	95	71	NbyE 1	ENE 1	10	10	.....
8	56.69	54.96	23.5	27.3	86	81	ENE 1	E 2	10	10	6.9
9	58.38	56.57	23.7	25.2	92	95	NNE 1	NNE 1	10	10	68.6
10	58.12	55.68	23.4	30.4	93	65	N 1	E 2	1	9	.....
11	57.07	55.34	22.4	30.4	90	65	NE 1	S 2	10	10	.....
12	57.88	56.14	22.8	29.9	94	71	ENE 1	S 1	10	10	.....
13	58.54	57.01	22.8	31	93	65	N 1	SSW 2	1	9	.....
14	59.92	57.23	22.5	30.4	97	68	NE 1	SSW 2	2	2	.....
15	58.63	58.11	23.5	30.5	96	70	ENE 1	WSW 2	10	10	13.5
16	58.06	55.95?	23.4	28.4	92	70	ESE 2	E 3	10	10	.....
17	58.27	56.40	23.2	28.2	92	77	ENE 1	SSE 1	10	10	3.8
18	59.35	57.65	23.6	30.8	90	64	NE 1	ENE 2	10	10	16
19	59.82	58.06	24.1	28.7	92	73	ENE 1	NNE 3	10	10	17.8
20	59.14	56.93	24.2	29.8	91	67	NNE 1	ENE 3	10	10	.....
21	59.12	56.46	22.9	31.1	92	58	N 1	SSE 2	10	2	.....
22	59.27	56.40	23.4	29.5	91	71	NE 1	WSW 2	10	10	.....
23	58.62	56.34	23	30.5	93	70	ENE 1	SSE 2	9	10	.....
24	58.64	56.01	23.7	26.2	90	88	ENE 1	WNW 1	10	10	.....
25	58.77	55.21	23.4	26.8	97	80	NNE 1	SE 2	8	10	1.3
26	58	56.57	22.9	25.7	94	82	ENE 1	ENE 1	10	10	.....
27	58.54	56.42	24	26.5	84	70	NE 1	ENE 1	10	10	.....
28	58.59	56.88	22.2	25.6	88	71	ENE 1	ENE 2	10	10	.....
29	59.33	56.77	22.1	26.8	88	74	ENE 1	ENE 2	10	10	.....
30	58.49	57.23	21.5	26.5	94	72	ESE 1	E 2	10	10	.....
31	59.97	58.16	22	26.2	91	71	ENE 1	E 3	10	10	.....
Mean	58.89	56.79	23.2	28.6	91.9	71.6	1.1	1.9	8.5	8.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	135.3

LUCENA.

[ϕ=13° 56′ N; λ=121° 37′ E; barometer above sea, 8 meters; gravity correction not applied, —1.74 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.70	57.41	24.5	30.7	87	67	NNE 1	SE 1	10	7	.....
2	59.34	57.99	22	30	96	62	NE 1	SW 1	4	4	.....
3	59.46	58.73	22.1	28.2	97	72	Calm	ENE 4	2	6	21.3
4	61.65	61.33	23	25.1	95	84	ENE 3	NE 4	10	10	91.9
5	63.94	63.15	22	26	96	76	Calm	NE 2	10	9	7.6
6	64.41	63.29	22.6	26	79	71	ENE 1	NE 3	10	10	5.6
7	63.20	61.78	21.8	27.6	93	64	ENE 1	NE 2	9	7	.....
8	63.29	62.42	22	28.3	92	63	NE 1	NE 3	10	7	4.8
9	64.26	63.44	22	25.5	91	85	NE 1	ENE 3	9	10	28.7
10	64.41	63.89	22	22.9	91	91	ENE 2	E 4	10	10	56.9
11	64.26	62.98	22	24.2	87	76	NE 5	NE 5	10	10	5.1
12	63.15	61.37	22	23.7	91	90	NE 2	NE 2	9	10	11.2
13	61.79	60.39	23.5	28	91	73	NE 1	NE 4	7	9	1.3
14	61.01	59.69	23.4	28.9	92	71	NE 1	NE 2	7	7	4.3
15	60.86	59.72	23	28	91	68	NE 2	NE 2	4	6	.3
16	60.48	59.38	23.9	26	81	79	NE 2	NE 3	7	8	4.8
17	60.36	59.09	23.3	27.5	90	77	NNE 1	NE 2	9	7	.....
18	59.88	57.71	23.9	27.4	92	70	NE 2	NE 3	7	7	2.5
19	59.64	58.23	23	25.1	93	87	N 1	NE 1	10	10	2.8
20	58.29	57.47	23.4	26.5	89	80	NE 1	NE 4	10	9	97.1
21	58.73	57.52	22.9	24.6	97	85	NNE 1	NE 2	10	9	16.5
22	59.11	58.45	22.9	26.4	89	72	NE 2	NE 3	9	9	.5
23	59.12	57.86	23	28	91	74	NE 1	NE 2	10	9	.8
24	59.08	58.84	23	26.5	96	78	NE 1	N 2	9	9	12.7
25	59.89	59.44	22	23	96	94	NE 1	NE 2	10	10	40.9
26	61.09	59.12	22.8	27.6	94	75	NE 1	NE 2	10	9	.3
27	60.36	58.71	23.6	27.2	90	78	NE 1	NE 1	10	9	.....
28	59.59	58.12	22.4	29.7	92	69	NE 1	NE 2	3	7	8.6
29	59.38	58.76	23.1	27.4	92	70	NE 2	NE 3	8	8	22.9
30	60.47	59 30	22	25.7	94	75	NE 1	NE 3	9	10	.....
31	59.71	58.05	22.1	28	95	68	NE 1	NNE 2	6	6	1.3
Mean	60.93	59.79	22.7	26.8	91.6	75.6	1.4	2.5	8.3	8.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	450.7

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.49	58.46	22.5	26.2	91	76	NE 1	NE 4	10	8	2.5
2	59.27	58.75	22.1	24.2	95	97	NE 1	NE 2	10	10	7.1
3	60.19	59.88	22	25.6	94	78	NE 1	NE 2	10	10	.3
4	61.17	60.40	22.2	25.5	92	81	NE 1	NNE 3	8	10	3.8
5	62.19	61.12	22	26.2	92	79	NE 1	NE 4	7	9	3.6
6	62.41	61.75	22	24.7	93	86	NE 1	NE 2	10	10	10.4
7	62.42	60.67	23	29 7	91	68	NE 1	SE 1	8	6	4.3
8	61.91	60.33	22	29.2	96	66	NE 1	SE 1	7	6	5.1
9	61.35	60.38	21	27.4	95	78	Calm	NE 2	5	6	11.7
10	62.35	60.88	21.4	26.4	91	69	NE 1	NE 3	9	7	2
11	62.24	60.64	22	25.3	90	76	NE 2	NE 3	9	8	.....
12	61.45	60.86	22.7	26	89	85	NE 2	ENE 2	9	10	2.8
13	61.99	61.24	22	23.7	93	89	NE 1	NE 4	9	9	3.3
14	62.51	61.51	21.7	25 5	76	64	NE 3	NE 5	10	9	1.5
15	62.85	60.75	22	26.2	91	79	NE 4	NE 3	10	9	.5
16	60.93	59.48	23	27.3	95	78	N 2	N 2	8	7	.....
17	59.92	58.22	21.5	29.5	93	68	Calm	ENE 1	5	7	.....
18	58.88	57.17	23.1	29.6	91	70	N 1	S 1	8	5	.....
19	57.88	56.90	23.4	27.5	89	81	N 1	NW 2	8	9	.....
20	59.15	59.83	23.2	24	90	84	NNE 1	NE 5	9	10	.....
21	61.81	61.25	23.7	26	76	67	NE 2	NE 5	9	9	.....
22	61.78	60.72	22.9	27.4	81	63	NE 2	N 4	6	6	.....
23	60.90	59.68	22.4	27.8	83	64	NNE 2	NE 3	2	7	.....
24	59.70	58.79	23	28	87	74	NE 1	NE 2	7	6	.....
25	59.12	58.20	23.5	28.5	87	67	N 1	NE 2	5	7	.....
26	58.82	57.47	23	30.2	95	66	N 1	NE 2	6	7	.....
27	58.06	57.08	23.5	29.6	91	70	N 1	NE 3	8	5	.....
28	57.40	57.31	23.2	30.2	94	64	NE 1	ENE 1	3	7	.5
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	60.65	59.63	22.5	27	90	74.5	1.3	2.6	7.7	7.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	59.4

MARCH.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.07	57.46	23.6	29.6	90	67	NE 1	NE 2	3	7	.....
2	58.30	57.14	23.8	29.7	89	67	NE 1	NE 3	3	7	.....
3	58.77	57.76	22.9	30.9	93	62	N 1	NE 3	4	6	.....
4	57.71	56.96	24	29	91	71	N 2	NE 3	4	7	.....
5	58.16	57.37	24	29.4	91	68	N 1	NE 2	8	9	.....
6	59.27	58.31	23.5	30.5	93	63	N 1	NE 3	6	7	.....
7	59.60	58.88	23.5	30.5	89	55	NE 1	NE 4	3	4	.....
8	58.92	57.37	23.5	28.6	91	68	N 1	NE 4	6	9	6.4
9	58.15	57.59	23.8	29.7	92	64	NE 1	NE 2	3	9	.....
10	59.27	57.94	23.9	30	92	63	NE 1	NE 4	4	8	1.8
11	59.37	58.26	23.3	29.6	93	60	NE 1	NE 3	6	7	.5
12	58.63	57.39	24	29.4	93	68	Calm	NNE 3	9	9	10.7
13	58.19	57.92	23	29	95	68	Calm	N 2	9	9	7.1
14	59.58	59.27	23.2	30	94	65	Calm	NE 2	10	8	.....
15	61.20	60.19	22.5	29.6	94	58	Calm	N 3	8	4	.....
16	59.95	59.78	24.7	27	86	74	NE 1	NE 4	7	7	1.8
17	60.51	58.98	23.6	27.5	92	75	NE 1	NE 2	10	8	.....
18	60.40	59.38	23.5	30.5	92	63	NE 1	NE 2	4	6	3.6
19	60.04	59.01	24	24	93	91	Calm	NE 2	6	9	22.9
20	59.80	58.96	22.8	30.5	97	63	Calm	N 2	7	6	.....
21	60.49	59.65	23.5	30.5	93	56	Calm	N 3	4	4	.....
22	61.53	60.28	23.9	30.5	92	58	N 1	E 2	9	4	2
23	60.16	59.84	23.4	29	91	65	NE 1	NE 2	4	9	.5
24	59.88	59.11	24	29.2	86	64	N 1	N 3	9	7	.....
25	60.45	59.47	23.5	29	88	64	NNE 1	NNE 1	7	9	2.8
26	60.05	59.09	22.9	28	90	77	N 1	NE 1	6	8	8.6
27	60.16	59.79	22.2	30	94	65	Calm	SE 1	6	4	.....
28	61.16	60.77	23.5	27.5	93	75	N 1	N 3	9	9	7.6
29	61.55	60.32	23.3	31.5	89	60	N 1	NE 2	6	5	.....
30	60.94	59.18	23.7	30	88	65	NE 1	NE 2	8	7	.....
31	60.05	58.52	22	31.6	96	54	Calm	NNE 3	7	4	.....
Mean	59.69	58.77	23.5	29.4	91.6	65.7	0.7	2.5	6.3	7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	76.3

APRIL.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.38	58.79	24.5	29.6	83	66	NE 1	NNE 3	4	7	.....
2	59.68	58.09	24.5	30.5	87	65	Calm	NE 3	6	7	.....
3	59.16	58.07	24	30	93	68	N 1	W 1	9	9	.....
4	59.29	58.31	23.9	31.2	94	50	N 1	SE 2	7	6	.....
5	59.30	58.39	23.6	30.5	90	63	N 1	N 2	4	7	.....
6	58.54	57.94	24.6	29.5	88	71	N 1	SE 1	8	8	.....
7	58.63	57.54	24	30.5	95	62	N 1	NE 2	9	7	6.4
8	58.12	57.12	24.5	29	91	69	N 1	N 2	6	7	10.1
9	58.49	57.21	24.6	31	90	65	N 1	SE 1	8	9	.....
10	58.70	57.63	23.9	30.5	92	72	N 1	NNE 1	3	5	.....
11	57.65	56.82	23.8	31.2	93	58	N 1	E 1	4	8	.....
12	57.22	56.08	23.1	31.5	95	57	N 1	E 1	6	4	.....
13	57.86	57.25	23	31.5	91	63	N 1	SE 2	5	4	.....
14	58.66	57.58	22.5	31.4	87	54	NNW 1	SE 1	7	6	.....
15	58.93	56.66	23	32	91	54	N 1	ESE 2	4	5	.....
16	57.75	56.57	24	29.7	91	70	Calm	SE 1	8	7	.....
17	57.36	57.15	22.8	30	94	65	Calm	SE 1	8	7	.....
18	58.16	57.15	23.1	31.5	95	63	N 1	S 2	7	4	.....
19	57.91	56.91	24.5	32.5	92	60	Calm	SE 2	5	4	.....
20	58.29	56.79	24	32.2	96	48	N 1	SE 2	4	3	.....
21	57.50	56.20	22.8	33.4	94	48	Calm	NE 2	4	4	.....
22	57.72	56.41	23.7	32.7	89	57	N 1	SE 2	7	4	.....
23	56.91	56.57	24.6	32	91	60	N 1	SSE 2	6	6	.....
24	58.02	57.20	23.5	30.7	92	67	WNW 1	S 2	7	7	.....
25	57.94	57.56	25	30.5	90	65	N 1	NE 3	8	8	.....
26	57.94	56.85	25.5	31.7	92	57	N 1	NE 2	9	8	.....
27	57.94	56.97	25	31.5	88	63	N 1	SE 2	10	8	.....
28	57.98	56.22	24.3	32	88	61	N 1	SE 1	10	8	.5
29	57.61	55.80	25	32.9	91	54	Calm	NE 2	8	4	.....
30	57.17	56.27	25.3	32	84	64	N 1	SE 2	10	6	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.23	57.14	24	31.2	90.9	61.3	0.8	1.8	6.7	6.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17

LUCENA.

[ϕ=13° 56′ N; λ=121° 37′ E; barometer above sea, 8 meters; gravity correction not applied, —1.74 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.47	56.25	23.6	32.6	91	60	NNW 1	SE 2	8	5	.....
2..	57.34	56.77	25.4	33.2	88	57	NNE 1	NE 3	8	8	.....
3..	56.89	56.28	24.5	28.8	92	70	N 1	N 1	8	9	0.5
4..	58.01	56.73	23.5	31	91	64	N 1	SE 1	9	10	.....
5..	58.04	57.33	25	31.9	88	61	N 1	NE 1	10	8	.8
6..	58.06	56.92	24.6	32.1	92	61	N 1	ESE 2	5	5	.....
7..	58.10	57.01	25	31	92	64	N 1	NNE 1	7	9	.3
8..	57.88	56.91	23.8	32.4	91	61	N 1	SSE 2	6	7	.....
9..	58.26	57.11	24.5	31	92	67	N 1	SE 2	7	8	.....
10..	58.36	56.91	24	31.4	91	66	N 1	S 2	10	9	.....
11..	57.22	55.97	22.6	31.5	95	54	Calm	SSE 2	6	7	.....
12..	58	56.66	23	30.5	93	69	NW 1	SE 2	7	9	.....
13..	58.02	57.65	24	31	96	68	SW 1	SE 2	7	5	.....
14..	59.83	58.24	24.5	33.5	86	56	N 1	SE 2	5	5	1
15..	59.89	58.17	23.5	32.5	92	57	Calm	SE 2	5	7	.....
16..	59.73	57.94	24.5	33.3	89	41	N 1	SE 2	7	5	.....
17..	59.43	58.29	24.5	32.6	91	58	N 1	SW 3	3	4	.....
18..	60.02	58.62	25	34.4	86	42	N 1	N 2	2	4	.....
19..	59.47	58.23	26.5	29.2	85	73	Calm	SSE 2	8	8	.....
20..	57.94	57.58	25	31.6	91	54	Calm	N 2	4	7	6.1
21..	57.78	56.84	22.9	31.8	91	55	Calm	SE 2	9	5	.....
22..	58.45	57.35	24.1	31.3	86	58	N 1	NE 3	7	9	3.8
23..	58.62	58.04	24	27.6	95	81	N 1	NE 1	7	10	8.9
24..	58.77	57.48	23	31.4	93	61	N 1	NE 3	7	9	1.8
25..	58.29	57.02	24.5	31	88	63	N 1	S 2	10	7	47.5
26..	58.35	57.69	24	29.6	95	74	Calm	E 1	10	10	.....
27..	59.07	58.08	23.8	32.1	91	63	N 1	SE 2	7	6	.....
28..	58.50	57.72	24.5	24.5	92	90	Calm	Calm 7		10	10.2
29..	58.28	56.33	23	31.6	96	60	N 1	SE 2	7	5	2.3
30..	58.05	57.09	25	31	92	64	N 1	SSE 1	9	9	5.6
31..	58.20	57.97	25	29.8	92	73	N 1	SE 1	8	10	.....
Mean	58.40	57.33	24.2	31.2	91.1	62.7	0.8	1.8	7.1	7.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	88.8

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.96	57.48	24.5	31	96	69	Calm	SE 1	9	7	2.3
2..	58.19	56.81	24.5	29.6	96	77	Calm	E 1	9	9	.....
3..	57.34	56.37	25	30.7	92	64	N 1	SE 1	6	9	.....
4..	57.44	56.95	24.5	30.1	93	68	Calm	SE 1	4	7	.....
5..	58.24	57.60	25.2	31.5	92	66	N 1	ESE 2	5	6	.....
6..	58.99	57.90	25.6	31.3	93	66	N 1	S 2	7	4	.....
7..	58.47	57.35	24.5	32.5	92	60	N 1	SE 2	4	5	.....
8..	57.65	57.80	25.5	32.5	88	61	N 1	SE 1	4	7	5.6
9..	59.27	58.46	24.5	31.5	95	66	N 1	SE 2	7	4	.....
10..	59.01	58.08	24.5	30.2	94	70	N 1	S 1	4	8	.....
11..	58.54	57.22	24	31	92	63	Calm	SE 2	6	8	5.6
12..	57.79	57.22	25.5	31.9	88	62	N 1	E 2	9	9	5.3
13..	58.01	56.72	23.6	31	95	64	N 1	SE 1	5	5	2.8
14..	58.25	57.10	24.4	31.7	91	60	N 1	SE 2	3	5	4.1
15..	58.96	57.98	23.7	32.1	94	63	Calm	SE 1	3	7	.....
16..	58.51	56.85	24.8	32	93	55	NNE 1	SSE 2	3	4	.....
17..	57.81	55.60	25.2	32.5	90	63	Calm	SE 1	8	7	.....
18..	57.34	56.26	24.5	32	85	64	N 1	SE 2	7	9	10.2
19..	58.90	58.08	24.2	31	94	62	Calm	SE 2	10	8	5.3
20..	58.96	57.98	23.7	32.1	94	63	Calm	SE 1	3	7	.....
21..	58.51	56.85	24.8	32	93	55	NNE 1	SSE 2	3	4	.....
22..	57.81	55.60	25.2	32.5	90	63	Calm	SE 1	8	7	.....
23..	57.34	56.26	24.5	32	85	64	N 1	SE 2	7	9	10.2
24..	58.90	58.08	24.2	31	94	62	Calm	SE 2	10	8	5.3
25..	59.01	58.47	24.6	31.5	96	65	Calm	SE 2	8	7	11.2
26..	58.40	57.28	24	31.1	92	65	Calm	SE 2	6	8	1.3
27..	58.15	56.54	24.5	30.1	94	68	N 1	SE 1	9	9	.....
28..	57.77	56.25	23	31.1	91	68	N 1	SE 2	10	8	.....
29..	57.83	57.63	22.9	30.7	92	64	W 1	NE 1	10	9	14.7
30..	57.78	55.93	23	31	92	65	Calm	N 2	10	9	2
31..	55.78	55.07	22.5	29.5	96	71	Calm	S 2	10	10	32.5
32..	56.88	57.15	23.1	27.5	95	76	Calm	SW 1	10	10	.....
33..	58.53	58.24	24.5	31.1	92	67	N 1	SW 2	10	9	.....
34..	59.70	57.83	23.4	30.9	91	63	NW 1	SE 1	6	6	.....
35..	58.31	57.41	25.3	25.2	89	90	N 1	N 1	5	9	105.1
36..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.23	57.19	24.3	30.9	92.4	66.2	0.6	1.5	6.9	7.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	208

JULY.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.06	57.34	24.5	25.6	92	92	NE 1	N 1	9	10	1.6
2..	57.38	56.52	24	30.5	93	65	Calm	SW 2	6	5	.....
3..	57.07	55.84	23	30.2	95	70	W 1	S 2	4	6	.....
4..	55.69	55.37	26.5	27	78	81	SW 3	W 1	8	10	.5
5..	54.91	54.45	26.7	31.5	73	57	W 2	SW 3	6	7	.....
6..	55.13	54.57	25.5	30.7	78	64	SSW 1	SSE 2	9	8	2.8
7..	55.79	55.68	25	25.5	88	88	SW 1	W 1	10	10	5.6
8..	55.81	56.03	24	28.1	91	77	W 1	S 2	10	10	.....
9..	55.66	54.60	22.5	31.2	91	62	Calm	SSE 2	6	6	9.4
10..	55.65	54.58	24.5	31.5	94	65	SW 1	SE 2	9	7	.....
11..	55.53	54.98	25.6	30	79	69	SW 1	S 2	10	10	3
12..	55.13	54.24	24.4	28.5	88	68	SW 1	SW 3	10	10	.3
13..	55.36	55.11	24.5	29.6	87	75	W 1	SW 3	10	10	25.7
14..	56.02	55.07	23.7	30.4	95	72	Calm	SE 2	10	7	1.3
15..	56.86	55.98	23.9	26.5	93	80	Calm	SE 2	9	10	4.8
16..	55.91	54.14	24.5	27.3	87	79	Calm	N 2	9	10	21.3
17..	54.82	55.26	23.4	26.6	97	80	WSW 1	SSW 2	10	10	36.3
18..	55.72	54.98	23.6	29.4	97	71	Calm	SSW 2	10	8	44.2
19..	55.81	56.22	24	29.4	91	73	Calm	SW 2	10	9	1.3
20..	57.35	57.42	24.5	29.5	97	76	E 1	SW 2	10	9	4.1
21..	57.62	56.71	24	31.6	96	65	Calm	SE 2	9	8	7.1
22..	58.85	58.28	23.3	29.1	95	76	Calm	S 2	9	9	.....
23..	59.44	58.28	24.3	27.7	93	83	Calm	NW 1	10	10	2.3
24..	58.62	58.21	23.5	24.6	95	87	Calm	W 1	10	10	1
25..	57.53	57.07	23.5	28.5	96	77	NNW 1	S 2	9	9	21.3
26..	57	56.16	23.5	30.2	96	60	Calm	WNW 2	9	9	1
27..	56.57	55.16	24.8	30	83	59	W 1	SW 4	10	8	.....
28..	55.37	54.80	25.5	29.5	73	71	SW 3	WSW 3	10	10	3
29..	55.92	55.70	25.5	25.5	86	83	WNW 1	W 1	10	10	12.2
30..	55.95	55.98	25.5	30.8	84	60	W 1	W 3	9	9	.....
31..	57.07	55.98	25.9	30.5	81	56	SW 1	WSW 2	10	7	.....
Mean	56.44	55.83	24.4	28.9	89.1	72.3	0.8	2	9	8.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	210.1

AUGUST.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.05	56.22	25.3	31.5	85	66	Calm	S 2	9	7	.....
2..	57.43	56.26	23.1	30.5	94	65	W 1	SSE 2	5	6	.....
3..	56.54	56.16	26.9	29.9	70	63	W 1	WNW 3	8	10	.....
4..	56.64	56.48	25	28.6	92	73	W 1	SSW 2	10	10	12.7
5..	57.87	57.18	23.7	29.5	97	69	Calm	SE 1	10	8	.8
6..	58.75	57.49	24.5	30.9	92	66	Calm	S 2	9	5	.....
7..	57.86	56.41	23	29.5	86	68	NNW 1	NNE 2	6	5	2.5
8..	57.56	56.23	24	31	96	69	NE 1	NNE 2	7	6	8.9
9..	58	56.85	25	27.9	87	78	N 1	NE 1	7	9	8.9
10..	57.78	56.21	22.7	31.2	95	66	NE 1	WSW 2	7	9	.....
11..	56.68	57.11	26	26.5	89	92	SW 1	W 1	9	9	11.5
12..	57.97	57.44	23.4	30.6	88	68	NNW 1	SSE 1	8	8	.....
13..	58.62	56.36	24	32.6	91	63	NNW 1	SSE 2	9	9	.....
14..	57.10	55.96	24	31.4	91	67	NNW 1	SE 1	5	6	2.8
15..	56.73	55	24	32.6	94	65	NNE 1	E 1	5	8	.....
16..	54.34	52.56	24.3	34	93	51	NNW 1	SE 1	8	7	.....
17..	52.40	51.78	26.6	31	80	59	W 2	W 4	10	10	1
18..	53.75	54.28	25	25.7	90	94	SW 1	SW 1	10	10	29.5
19..	56.16	55.88	24.2	29	91	79	SW 1	SSE 1	10	9	1.3
20..	57.06	56.48	24.2	30	96	73	NE 1	SE 1	10	10	.....
21..	58.54	57.96	24.9	31	92	69	N 1	SE 1	8	8	.....
22..	59.31	57.90	23	32	90	66	NNW 1	SSE 1	7	5	2.8
23..	59.19	58.52	24.4	32.1	94	64	Calm	NE 1	4	7	.3
24..	60.30	59.08	25.2	30.1	92	69	N 1	S 1	4	9	.....
25..	60.25	58.72	23.2	31.5	95	65	Calm	SE 1	7	7	.....
26..	58.85	57.02	23.5	32	92	64	N 1	SSE 1	7	7	.8
27..	58.41	56.76	24	32.9	92	56	N 1	S 2	5	6	.....
28..	58.85	57.32	23.8	30.5	91	73	Calm	W 1	8	8	4.1
29..	57.92	55.76	23.4	32.3	93	64	Calm	SE 1	4	5	.....
30..	55.85	54.76	24	31.6	92	62	N 1	S 1	8	7	.....
31..	55.94	54.46	25.5	29.5	88	76	NW 1	N 1	3	9	13.5
Mean	57.41	56.34	24.3	30.6	90.6	68.5	0.8	1.5	7.3	7.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	101.4

LUCENA.

[ϕ=13° 56′ N; λ=121° 37′ E; barometer above sea, 8 meters; gravity correction not applied, —1.74 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	55.86	55.29	24.4	27.9	94	85	Calm	SSE 2	8	10	12.2
2	56.35	55.42	24.6	28.6	94	80	WSW 1	SSE 3	9	10	.....
3	56.61	55.60	24	31	92	63	N 1	SSE 2	8	7	.....
4	56.24	55.57	24.9	30	89	71	N 1	S 1	10	10	1.8
5	56.55	55.53	23.8	28.4	97	77	Calm	WNW 2	10	10	.....
6	57.07	56.27	22.7	30	94	71	WSW 1	SW 3	8	8	.....
7	56.82	55.77	22.9	30.3	92	66	W 1	SSE 2	7	7	27.9
8	56.22	55.34	23.5	29.5	96	75	Calm	SSE 2	9	10	.....
9	56.67	56.39	23.7	27.7	95	84	N 1	S 1	10	10	2.5
10	56.03	55.37	25	28.5	82	69	SW 2	W 3	10	10	.....
11	56.54	55.98	25.6	29.5	85	72	SW 1	S 1	10	10	.....
12	57.70	57.18	24.6	30.5	91	70	SSW 1	SE 2	10	9	.....
13	58.77	57.94	24	28.3	87	74	N 1	NE 1	7	9	14
14	58.76	57.66	23.6	30.5	95	72	Calm	E 1	9	9	.....
15	59.46	57.60	23.5	31	93	65	N 1	SSE 1	6	5	.....
16	58.65	56.94	24.2	31	92	65	N 1	NE 1	8	7	9.1
17	57.48	56.83	24.3	29	95	76	N 1	N 3	10	10	.....
18	58.46	57.51	24	29.5	93	75	N 1	ENE 2	8	8	6.4
19	59.23	57.76	24	30.1	96	71	N 1	ENE 2	10	9	2.3
20	58.64	56.99	24	27.5	90	85	NE 1	NE 1	9	10	3.3
21	58.46	57.89	24	28.6	87	77	N 1	NE 2	10	8	9.7
22	59.28	57.72	23.5	29.8	97	73	Calm	ESE 1	8	9	.....
23	58.28	56.72	23.4	27.5	93	81	N 1	NNW 2	6	8	.8
24	58.38	56.36	23.5	25.2	96	92	Calm	Calm	10	10	5.3
25	56.83	55.59	24	25.9	96	93	Calm	NNW 1	10	9	9.9
26	56.56	55.74	23.8	27.3	96	81	Calm	NW 1	9	9	.....
27	57.53	56.12	23	28.5	96	76	NNW 1	WSW 1	10	9	7.9
28	56.11	55.54	24.5	28.6	94	82	WSW 1	SSE 1	8	9	20.1
29	56.66	56.36	24.2	29.6	94	69	Calm	W 2	9	9	5.1
30	57.43	57.20	24.4	28.7	94	78	Calm	W 1	9	9	.5
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.45	56.47	24	29	92.8	75.6	0.7	1.6	8.8	8.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	138.8

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.88	57.09	24	29.3	91	70	Calm	W 1	7	9	4.8
2	58.27	56.86	22.8	29.6	96	77	Calm	E 1	7	9	4.1
3	58.06	56.34	23.5	30.1	95	69	Calm	NE 2	7	8	.....
4	57.22	56.01	23.8	25.6	92	93	NW 1	NE 1	7	10	26.7
5	55.56	54.32	24.3	25.9	94	94	Calm	NE 1	10	10	21.4
6	53.80	51.59	23.5	27.7	97	84	Calm	WSW 2	10	10	9.4
7	52.45	51.79	25	28.9	94	77	SW 2	WSW 3	10	10	.....
8	53.36	53.20	26	27.7	84	84	SW 2	SSW 2	10	10	24.1
9	56.32	56.09	22.8	25.2	97	92	Calm	SE 1	10	10	3.6
10	57.28	56.34	22.5	28	96	82	SE 1	SE 1	9	10	.....
11	58.76	57.49	23.7	29.3	94	73	Calm	SE 1	10	10	.....
12	58.94	58.19	24.7	29.2	92	74	N 1	NE 2	9	10	.....
13	59.54	58.48	24.3	27	92	84	Calm	N 1	7	10	11.4
14	59.50	58.17	23.2	29.4	97	75	NNW 1	SSE 1	7	7	.....
15	58.81	57.26	23.4	29.5	97	77	N 1	SE 1	7	9	43.7
16	58.08	56.85	23.4	30.5	96	72	Calm	ENE 2	8	8	1.5
17	56.76	55.62	24	26.8	92	90	N 1	N 1	7	10	5.1
18	56.97	56.01	23.9	27	92	80	N 2	NE 3	9	8	1.3
19	57.16	56.12	24.8	29.1	87	71	NE 1	NE 2	8	8	.....
20	57.71	56.32	23.5	30	95	68	N 1	NNE 2	6	7	.....
21	57.96	56.18	23.5	31.6	96	66	Calm	ENE 1	7	7	1.5
22	58.12	56.69	24.4	30.1	93	73	N 1	SE 1	10	9	2.3
23	58.21	57.07	24.5	29	96	81	Calm	E 1	10	10	.....
24	58.62	57.07	24.7	28.9	93	76	NNE 1	NE 1	9	8	.....
25	58.45	56.29	24	29.6	96	71	NE 1	NE 2	7	9	.....
26	57.44	55.62	25	32	89	61	NE 1	SSE 1	6	4	.....
27	56.99	55.79	25	31	92	60	N 1	N 2	6	9	1.5
28	58.50	57.02	25	31.5	92	63	NE 1	NE 1	5	5	.....
29	59.25	57.87	24.9	30.8	89	67	ENE 1	NE 2	4	7	5.3
30	58.69	57.94	24.5	27	93	81	NE 1	NE 3	9	10	5.6
31	58.02	56.66	24	29.8	96	69	Calm	NE 4	4	6	58.2
Mean	57.54	56.27	24.1	28.9	93.4	75.9	0.7	1.6	7.8	8.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	231.5

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.57	56.63	24.8	29.9	91	72	N 1	NNE 2	6	7	4.3
2	57.95	56.99	24.5	27.6	96	84	N 1	NE 1	9	10	.....
3	57.94	57.17	25.4	28.4	84	79	NE 1	NE 2	5	9	2
4	58.99	58.42	25.6	30.5	91	72	NNE 1	NE 2	10	10	.3
5	60.01	58.03	25	29.2	93	76	NE 1	NNE 2	9	9	15.2
6	59.12	58.54	24.5	27.1	92	81	NE 1	NE 2	10	10	.....
7	59.51	58.35	25	26.7	88	83	NE 1	NE 2	10	10	.3
8	59.69	59.11	24.7	26	92	84	NNE 1	NE 2	9	10	40.6
9	58.26	55.76	24.1	28	95	79	N 1	NE 4	10	10	17.5
10	57.78	56.37	24.6	32	89	61	NE 1	SE 1	8	7	.....
11	57.89	57.28	24.8	28	92	77	NE 1	E 3	6	7	43.5
12	58.96	57.84	24.5	26	92	89	NE 2	NE 4	9	6	2.6
13	59.79	58.48	24.5	29	84	68	NNE 2	N 4	7	7	.....
14	58.70	57.08	24.3	27.5	89	76	N 1	NE 4	10	10	2.5
15	57.86	56.23	24.7	30	86	69	N 1	NNE 3	9	7	.....
16	57.64	56.29	24.8	27	84	83	NNE 2	NE 2	8	9	29.5
17	58.37	56.74	24	25.5	92	88	NNE 2	NNE 2	10	10	13.2
18	58.06	56.88	24	25.2	95	87	Calm	NE 1	10	10	5.1
19	57.63	56.40	23.4	27.1	97	84	Calm	NE 2	7	9	.....
20	58.07	57.29	24.2	29.4	93	76	NE 1	SE 1	8	9	.....
21	59.41	58.10	24.8	27.6	95	78	NE 1	NE 2	8	10	14.2
22	59.83	58.58	24.3	27.7	94	78	NE 1	NE 2	10	9	21.6
23	58.45	57.15	24.5	26.3	96	90	NE 1	NNE 2	10	9	13.8
24	58.01	56.68	24.4	27.5	92	81	NE 1	ENE 4	8	8	5.1
25	57.86	57.63	24.5	26.6	92	86	N 1	NE 1	10	10	45.7
26	58.83	57.35	23.2	29.6	97	68	Calm	SE 1	10	9	.....
27	58.32	56.69	23.6	30.6	90	70	N 1	NE 1	5	7	6.4
28	59.46	58.48	23.5	30.1	97	70	Calm	ENE 2	9	8	.....
29	60.21	59.28	22.9	30.4	96	67	Calm	SE 1	6	7	.....
30	60.38	59.05	24.5	27.4	92	79	NE 1	NE 1	8	9	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.68	57.50	24.4	28.1	91.9	77.8	1	2.1	8.5	8.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	283.4

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.89	58.61	21.8	28	97	81	NE 1	SSE 1	5	8	3.8
2	59.99	58.38	23.5	31.5	96	65	NNE 1	ENE 1	8	5	.....
3	59.96	59.14	23.1	29.9	97	67	NE 1	NE 2	5	7	8.4
4	60.21	59.82	24.3	26.9	93	78	NE 1	NNE 2	8	9	8.1
5	60.09	58.82	24	28	93	76	N 1	NE 3	4	8	23.9
6	58.81	56.78	24.4	28.4	92	77	NE 1	N 4	9	10	36.8
7	57.35	55.73	23.7	26.5	89	76	NNE 1	NNE 3	10	10	2.8
8	56.58	55.63	23.5	24.7	90	91	NNE 2	N 4	10	10	48.8
9	56.56	56.63	23.6	27	93	84	NE 1	NNE 1	9	10	.....
10	58.08	56.48	22.8	30.1	96	71	NE 1	NE 2	5	7	.....
11	57.22	55.97	24.3	29.4	89	72	NE 1	NE 1	4	7	.....
12	57.97	57.08	23.4	29.5	93	71	N 1	NE 2	6	5	.....
13	58.58	57.37	23.4	30.6	93	68	NE 1	E 1	4	7	.....
14	58.23	57.92	22	29.4	97	72	Calm	NE 2	4	7	.....
15	58.78	57.97	22	29.6	97	70	Calm	NE 3	4	8	25.4
16	58.68	56.85	23	27	96	80	NE 1	NE 3	10	10	6.1
17	57.97	56.82	24	29.6	91	70	NE 1	NE 2	7	6	5.1
18	58.76	58	23.6	28	92	74	N 1	N 3	9	6	21.1
19	59.32	58.70	24.3	25.5	93	91	NE 2	NE 4	10	9	74.4
20	58.91	57.79	23.3	28.7	93	75	NE 1	NE 3	10	7	.....
21	59.06	57.09	23.5	29	91	68	N 1	NE 2	4	6	.....
22	58.82	57.03	22.4	29	96	71	Calm	NE 1	6	7	.....
23	58.25	56.92	24.2	29.5	91	70	NNE 2	NE 2	8	7	2.3
24	58.01	56.53	23.5	28.6	91	69	NE 1	NE 3	5	6	16.5
25	57.10	56.10	23.8	25.5	95	89	Calm	NE 3	10	9	12.5
26	57.01	56.88	22.8	25	96	82	NE 2	NE 4	10	10	7.1
27	57.73	57.43	24	24.3	83	81	NE 3	N 4	10	10	2.8
28	58.43	57.78	21.8	25.5	89	73	NE 3	ENE 4	10	9	1
29	59.13	57.68	22.2	25.9	94	77	NNE 2	NE 3	10	9	.....
30	58.78	58.76	22.7	24.7	93	80	NNW 3	N 4	9	9	.....
31	59.72	59.22	21.9	24.1	88	82	N 3	NE 3	10	9	2.3
Mean	58.52	57.48	23.3	27.7	92.8	75.8	1.3	2.6	7.5	8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	309.2

CANLUBANG, CALAMBA.

[ϕ=14° 13′ N; λ=121° 07′ E; barometer above sea, 67 meters; gravity correction not applied, —1.73 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.23	56.86	22.2	30.1	90	64	NW 1	NE 1	6	8	.....
2	59.05	57.03	24.1	31.4	91	61	S 1	N 1	6	6	11.4
3	59.81	58.29	23.2	28	83	67	SW 1	NE 3	7	6	2.3
4	61.02	61.18	24.1	24.4	91	74	NE 2	E 3	9	10	13.2
5	63.82	62.54	22.8	26	92	72	NE 2	NE 5	10	8	1.8
6	64.73	63.02	22.4	25.4	90	79	E 3	NE 3	10	9	3.8
7	63.15	61.26	22.3	30.1	92	63	SW 1	NE 1	8	8	.....
8	63.29	61.83	20.8	28.6	90	73	SW 1	E 2	6	8	.....
9	64.70	62.73	22.6	25.8	88	81	NE 1	NE 3	9	10	2.3
10	64.35	63.28	22.8	24	89	85	NE 2	E 2	10	10	9.2
11	64.62	62.66	22.6	25.8	82	66	NE 2	NE 2	10	10	.....
12	63.35	61.02	22.9	24.4	90	81	NE 3	NE 2	10	10	1
13	61.74	59.92	23.2	28.2	90	73	NE 1	NE 2	6	7	.....
14	60.96	59.26	23.1	29.8	82	62	Calm	NE 1	5	8	.....
15	60.63	59.07	23.9	29.1	91	60	NE 1	NE 2	8	6	.....
16	60.12	58.77	24.2	28.1	82	67	NE 1	NE 2	4	8	.....
17	60.24	58.32	23.2	28.6	90	61	NE 1	NE 1	6	5	1
18	60.65	57.27	22.9	27.4	90	66	N 1	ENE 4	6	8	.....
19	59.70	57.77	23.8	26.8	90	67	NE 2	NE 1	8	7	.....
20	58.87	56.95	24.2	28.2	90	65	NE 1	NE 3	7	8	.....
21	58.56	56.95	23.1	28.4	97	65	ENE 1	E 2	7	6	.....
22	59.46	57.79	23.2	27	90	65	ENE 1	NE 2	6	9	.....
23	59.14	57.41	23.4	27.4	90	73	ESE 1	E 1	6	9	.....
24	59.42	58.10	23.6	27.4	90	73	NE 1	NE 1	6	6	.....
25	60.11	59.54	23.2	24.4	91	82	NE 1	NE 1	7	9	9.2
26	60.19	59.17	22	26.7	99	67	NE 1	NE 1	8	8	.....
27	60.22	58.27	23.6	26.8	90	67	NE 1	E 1	9	9	.....
28	59.84	57.87	22.8	27.6	89	72	SW 1	NE 1	6	8	.....
29	59.54	58.28	24	26.4	96	73	E 1	E 1	6	9	.....
30	60.56	59.04	23.4	26.8	90	74	NE 1	NE 2	6	8	.....
31	60.12	57.82	22.2	28.8	89	60	SW 1	NE 1	5	6	.....
Mean	61.01	59.33	23.1	27.4	89.8	69.6	1.3	1.9	7.2	8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	55.2

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.89	58.21	23.4	27.2	90	71	E 1	NE 3	6	8	.....
2	59.42	58.51	22.8	25.8	98	73	NE 2	NE 4	6	9	.....
3	60.29	59.75	22.8	26.3	89	73	E 1	NE 3	9	9	1
4	61.04	60.31	23.2	27.4	93	61	NE 1	NE 1	10	8	1.3
5	62.01	60.60	22.4	27.2	90	67	NE 2	NE 3	8	9	.....
6	62.43	61.37	22.2	26.8	89	65	NE 3	NE 3	6	10	2.5
7	62.27	60.40	22.6	28.9	90	63	N 1	NE 1	9	9	.....
8	61.30	59.23	23.1	30.4	90	63	S 1	E 1	10	7	.....
9	61.17	59.28	24	30.6	91	62	NW 1	NE 1	10	8	.....
10	61.99	60.36	23.4	27.8	90	60	NE 1	NE 2	9	6	.....
11	62.17	60.19	22.6	28.9	91	67	NE 2	NE 1	7	8	.....
12	62.06	60.22	23	28.8	97?	67	N 1	NE 1	7	8	.....
13	61.45	60.33	23.9	26.4	90	72	NE 2	NE 4	6	6	.....
14	62.82	61.14	22.6	26.2	74	62	NE 3	NE 6	8	8	.....
15	62.76	60.99	23	26	90	79	NE 3	NE 2	8	10	.....
16	61.05	59.16	23.9	29.4	90	68	ESE 1	NE 1	6	8	.5
17	59.79	57.78	22.9	30.9	90	62	SW 1	NE 1	8	9	.....
18	58.99	56.54	23	28.9	90	67	NE 1	NE 1	6	8	.....
19	58.20	56.08	22.4	30.4	89	61	NE 1	NE 1	9	9	.....
20	59.08	59.01	23.4	27.8	90	60	E 1	NE 4	8	7	.5
21	61.60	60.68	23.9	28.2	96	69	NE 2	NE 2	8	9	.....
22	61.56	60.03	22.4	28.4	81	62	NE 2	NE 3	10	6	.....
23	61.14	59.46	21.8	29	82	62	NE 1	NE 3	6	6	.....
24	59.78	58.36	22.2	29.4	89	54	NE 1	N 4	10	6	.....
25	59.43	57.81	22.3	29.8	89	61	NE 1	NE 1	7	8	.....
26	59.30	57.06	22.4	30.4	90	61	E 1	NE 3	6	7	.....
27	58.67	56.81	22.6	29.4	89	66	E 1	NE 2	8	6	.....
28	57.72	56.88	24.2	30.9	82	57	S 1	NE 2	8	6	.....
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	60.69	59.16	22.9	28.5	89.2	64.8	1.4	2.3	7.8	7.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.8

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.49	57.07	24.2	30.6	88	57	NE 1	NE 2	10	8	.....
2	58.55	56.78	22.6	30.4	90	56	S 1	NE 2	6	7	.....
3	59.19	56.67	21.6	31	90	62	SW 1	NE 2	8	6	.....
4	58.12	56.10	24.4	30.9	87	62	S 1	NE 1	6	8	.....
5	58.54	57.27	24.2	29.8	91	62	NE 1	E 1	6	8	.....
6	59.16	57.65	24.4	31.2	91	57	Calm	NE 1	6	7	.....
7	59.77	57.48	23.2	31	83	57	ENE 1	NE 2	6	5	.....
8	59.07	56.63	23.4	30.9	90	56	S 1	NE 3	6	8	1.3
9	58.34	57.03	23.4	30.4	90	56	E 1	NE 2	6	8	.....
10	59.46	57.05	24.8	31	90	58	NE 1	NE 3	8	6	.....
11	59.53	57.57	24.9	31	90	58	Calm	NE 1	7	8	.8
12	59.39	57.43	24.2	30.4	83	57	E 1	NE 4	7	8	.....
13	58.71	57.63	21.9	30.2	89	62	SW 1	NE 1	7	8	8.1
14	59.04	58.73	22.9	30.8	90	58	SW 1	NE 2	9	8	.....
15	60.59	59.62	23.2	31.2	90	57	NE 1	NE 4	7	8	.....
16	61.04	59.68	24.2	29	82	67	NE 1	NE 4	8	8	6.6
17	60.34	58.89	23.4	28.8	98	67	NE 1	NE 1	10	8	.....
18	60.33	58.64	24.8	28.6	90	67	NE 1	NE 1	7	8	1.5
19	60.24	58.38	24.6	31	90	57	E 1	NE 3	10	7	.5
20	59.73	58.80	24.2	30.4	90	61	SE 1	NNE 2	6	6	.....
21	60.34	58.96	24	31.4	98	56	E 1	NE 1	6	4	.....
22	61.54	59.63	24.1	31.6	91	57	Calm	NE 2	6	7	.....
23	60.29	59.18	24.2	29.2	90	55	ESE 1	NE 2	5	8	.....
24	60.52	59.04	24.1	27.9	91	67	Calm	NE 2	6	9	.5
25	60.59	59.74	24.3	29.4	91	61	NE 1	NE 2	8	8	3
26	60.51	58.96	23.1	29.8	97	62	N 1	NE 2	6	8	.....
27	60.05	58.45	23.8	30.2	82	58	S 1	NE 2	8	7	34
28	61.02	60.05	24	29	98	68	E 1	NE 2	9	6	.....
29	61.99	59.58	22.4	31.8	89	56	SW 1	NE 1	7	6	.....
30	60.90	58.05	23.8	31.6	90	52	E 1	NE 1	5	8	.....
31	60.02	57.68	24.2	32	90	57	SE 1	NE 2	7	8	.....
Mean	59.85	58.21	23.8	30.4	90	59.5	0.9	2	7.1	7.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	56.3

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.56	57.63	24.2	32.2	91	59	Calm	NE 1	7	8	.....
2	60.06	57.19	24.1	30.7	91	56	SE 1	NE 3	6	8	.....
3	58.88	56.82	24.9	30.4	83	58	S 1	NE 2	6	8	.....
4	59.02	56.98	24.4	32.2	84	57	SW 1	NE 2	6	7	.....
5	59.28	57.36	24.8	31.8	83	58	SE 1	NE 2	5	7	.....
6	58.48	56.74	24.6	32.1	82	58	SW 1	NE 2	8	8	.....
7	58.89	56.06	24.2	31.6	82	58	SE 1	E 2	6	7	.....
8	57.68	56.23	24.9	31.7	90	58	E 1	NE 1	6	8	.....
9	58.10	56.01	24.4	32.2	91	57	SE 1	E 1	7	8	.....
10	58.57	56.18	25	31.1	83	58	E 1	NE 2	8	7	.....
11	57.71	55.49	24.8	32.2	90	57	NE 1	NE 2	8	8	.....
12	57.34	55.08	24.1	31.4	82	59	SW 1	E 1	6	9	.....
13	57.47	56.25	24	32.8	91	52	SW 1	E 1	6	7	4.8
14	58.88	56.32	23.4	32	90	57	Calm	E 1	6	10	.....
15	58.87	56.11	25	29.2	83	75	Calm	SW 1	7	9	16.7
16	57.67	56.05	25.2	30	90	74	S 1	S 1	9	10	46.7
17	57.95	56.91	25	29.9	92	63	SW 1	S 1	9	10	14.7
18	58.52	56	25.1	33	91	59	S 1	E 1	10	8	.....
19	57.95	56.01	25.2	32	83	63	S 1	NE 1	7	8	.....
20	58.15	55.95	25.4	32.9	91	57	NE 1	NE 1	7	6	.....
21	58.04	55.61	25.4	33.1	92	59	Calm	NE 2	8	7	.....
22	58.12	55.69	25.4	33.4	90	53	Calm	NE 1	6	7	.....
23	57.42	55.91	25	32.2	92	58	S 1	NE 1	6	8	1
24	58.10	55.89	25	34.2	91	51	SW 1	NE 1	10	8	.....
25	58.29	56.90	25.2	32.8	83	57	SW 1	E 1	8	7	.....
26	58.35	56.73	25.1	31.2	83	58	SW 1	NE 2	6	7	38.9
27	58.45	56.16	25	32.6	92	57	SW 1	NE 1	10	8	.....
28	57.90	55.90	25.2	32.8	91	54	S 1	N 1	10	9	.....
29	57.84	55.86	25.1	32.1	91	57	SE 1	NE 1	9	8	.....
30	57.35	56.12	25	29.2	91	67	NE 1	SE 2	7	8	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.33	56.27	24.8	31.8	88	58.8	0.8	1.4	7.3	7.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	122.8

CANLUBANG, CALAMBA.

[ϕ=14° 13′ N; λ=121° 07′ E; barometer above sea, 67 meters; gravity correction not applied, —1.78 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	58.04	56.10	24.1	33.4	91	58	SW	1	N	1	6	8	.....
2	58.60	56.35	25	33.2	83	54	NE	1	NE	1	8	7	17
3	57.86	55.82	25.1	33	90	54	SE	1	NE	1	7	8	.....
4	58.27	56.79	25	29.8	92	61	W	1	W	1	8	10	21.6
5	58.87	57.03	25.2	30.4	92	63	SE	1	E	1	7	9	.....
6	58.64	57.10	25.4	29.8	91	62	W	1	NE	1	8	10	17.8
7	58.35	57.14	25	29	91	79	SE	1	NE	1	8	10	1.8
8	58.33	56.90	24.8	29.2	91	75	NE	1	NE	1	8	10	.....
9	58.93	57.51	24.6	27.2	90	68	S	1	SW	3	9	10	5.1
10	59.02	57.18	24.9	28.9	90	80	NE	1	W	2	10	10	9.9
11	58.12	56.99	24.2	26.8	91	81	S	1	W	1	8	8	1
12	58.60	56.48	24.6	31.1	90	67	S	1	NW	2	7	9	.....
13	59.03	58.02	24.9	31.2	90	69	SW	1	NE	1	8	10	5.6
14	60.20	58.02	25.4	31.1	90	67	Calm		E	1	7	8	.....
15	60.57	58.03	24.8	31	91	63	W	1	SE	1	8	9	.....
16	59.95	57.91	26.4	32.1	91	64	NE	1	NE	2	9	8	.....
17	59.87	58.08	25.1	28.9	90	69	S	1	SE	1	6	10	.....
18	60.15	58.52	25.2	33.2	90	59	Calm		E	1	6	7	.....
19	60.10	57.77	25.4	31.4	91	63	SW	1	SW	2	8	9	.....
20	58.40	57.02	25.1	31.2	90	62	SE	1	NE	1	8	9	.....
21	58.55	56.44	23.8	29.9	90	63	SW	1	SW	1	6	8	.....
22	58.47	56.98	24.2	31.4	90	62	SW	1	NE	1	7	8	.....
23	58.81	59.13	24.8	28	90	73	SW	1	SW	1	7	10	3.3
24	59.08	57.29	24.1	27.6	91	68	SW	1	S	3	6	10	1
25	59.14	57.26	24.4	26.2	90	82	SW	1	SE	1	8	10	20.8
26	58.98	57.36	24.2	27.4	90	68	SW	1	SW	1	9	9	1.3
27	59.20	57.93	25	30.9	83	62	S	1	SE	1	8	9	.....
28	58.71	57.43	24.7	27.4	90	74	SW	1	S	1	8	10	2.1
29	58.63	55.93	24.1	32.1	91	69	SW	1	SE	1	7	8	.5
30	58.05	57	25.2	31.1	90	69	SW	1	SW	1	8	10	.....
31	58.22	57.94	24.9	26.4	90	82	SW	1	S	1	8	10	1.8
Mean	58.89	57.27	24.8	30	90	67.4	0.9		1.3		7.6	9.1	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	110.6

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*Pct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	58.97	57.15	25	31.2	90	69	W	1	NE	1	8	9	.....
2	58.91	57.11	24.9	26.8	90	79	SW	1	SW	2	9	10	1
3	57.67	56.35	25.2	30.6	91	69	W	1	SW	1	8	10	13.5
4	58.01	56.56	24.9	30.9	90	62	SW	1	NE	1	7	8	10.4
5	58.50	57.01	25.4	32.4	90	57	S	1	NE	1	6	8	.....
6	58.97	57.09	25.8	33.4	91	58	S	1	NE	1	6	8	1
7	58.70	56.90	25.4	33.2	90	58	NE	1	NE	2	7	8	.....
8	58.98	57.16	26.2	32.1	90	57	S	1	NE	1	7	8	1.5
9	59.34	57.86	24.4	32.1	90	58	SW	1	E	1	8	8	.....
10	58.99	57.57	26	27.4	84	68	S	1	SW	2	6	10	5.6
11	59.02	56.87	25.4	32.6	90	57	S	1	NE	1	6	6	.....
12	57.92	56.83	25.4	32.4	92	58	SW	1	SSE	2	8	10	.....
13	57.92	56.13	25.2	32.1	90	62	SW	1	NE	2	6	7	4.1
14	58.34	56.41	26	31.2	84	62	S	1	NE	1	7	8	6.4
15	58.99	57.98	24.4	32.1	96	57	SE	1	NE	1	7	8	.....
16	58.94	56.16	25.4	33	90	57	S	1	E	1	7	8	.....
17	58.11	55.64	25.6	29.8	90	70	NE	1	S	2	8	10	17
18	57.72	56.03	24.8	29.4	90	69	SW	1	W	1	6	10	1
19	59.01	58.13	24.8	24.8	90	79	S	1	NW	2	8	10	16
20	59.24	57.98	24	30.8	91	69	SW	1	NW	1	6	8	1.5
21	58.89	57.36	24.2	27.4	91	74	SW	1	NW	2	7	8	14.2
22	58.08	56.72	24.7	29.2	90	74	SW	1	W	2	9	10	17.2
23	58.18	56.40	24	30.8	90	68	SW	1	NW	2	8	8	1
24	58.53	57.08	24.3	31.4	90	68	SW	1	W	1	8	9	1.3
25	58.14	56.14	24	32.2?	90	64?	SW	1	NE	2	8	10	.....
26	56.23	55.18	24	24.2	91	88	SW	1	W	1	9	10	46.8
27	57.02	57.08	23.9	27.1	90	80	SW	1	S	2	10	10	7.6
28	58.30	57.50	23.9	30.8	91	63	SW	1	E	1	10	9	.....
29	59.26	57.07	24.4	33	90	59	SW	1	S	1	8	9	1.5
30	58.37	57.28	25	31.8	90	64	NW	1	NE	1	7	8	23.4
31	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	58.44	56.89	24.9	30.5	90.1	65.9	1		1.4		7.5	8.8	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	192

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	58.22	57.26	24.4	28.6	90	67	SE	1	S	1	10	10	.....
2	57.94	56.61	25	27.8	90	67	S	1	NW	2	8	10	14
3	57.31	56.08	24.1	28.2	91	76	SW	1	SE	1	6	10	6.1
4	56.34	55.92	24	28.6	83	74	Calm		E	1	6	10	3.8
5	56.06	54.48	23.9	31	90	63	Calm		SW	2	7	7	1.5
6	56.01	55	24.2	31	89	63	NW	1	SW	3	8	10	2.5
7	56.08	55.92	24.8	27.6	91	74	SW	2	SW	2	9	9	2.5
8	56.41	55.85	24.1	29	90	61	SW	1	SW	1	8	10	.....
9	56.14	55.33	24	29.4	91	74	SW	1	NE	1	8	10	11
10	55.11	54	24.9	31.1	89	63	S	1	SW	2	8	10	16.5
11	55.36	54.65	24	28	90	82	S	1	SE	1	9	10	32.2
12	54.71	53.39	24.2	28.6	89	72	S	1	SW	2	10	10	2
13	54.81	54.50	24.1	30	90	67	NE	1	SW	1	10	10	.8
14	55.66	54.13	23.9	31.2	90	62	SE	1	E	1	10	10	63.2
15	56.09	55.31	24	29.8	98	68	W	1	NE	1	10	10	.....
16	56.21	54.94	24	25.2	98	81	SW	1	W	1	8	10	83.9
17	55.20	55.13	24.6	24.8	91	90	S	1	S	1	10	10	28.9
18	56.14	55.05	24	28.2	95	74	SE	1	S	1	10	10	4.6
19	55.95	55.83	24.6	29.8	90	69	SE	1	SW	1	9	8	.....
20	57.11	56.25	24.2	31.4	90	63	E	1	S	1	7	8	4.1
21	57.01	56.87	23.2	27	90	81	SW	1	N	1	6	10	24.4
22	58.31	57.22	23.9	27	90	74	SW	1	SW	2	8	10	2.5
23	59.06	57.39	23.9	28.6	89	75	SW	1	S	1	8	10	3.8
24	58.66	58.45	24.1	24.3	90	86	SW	1	SW	2	8	10	55.4
25	57.36?	56.90	23.4	25.2	90	86	SW	1	N	1	10	10	31.7
26	57.14	56	24.6	30	90	69	NW	1	SW	3	10	10	14.3
27	57.04	55.78	24	29.2	91	70	NE	1	W	2	10	9	24.9
28	55.64	55.27	24.2	26.4	89	79	W	1	NW	3	10	10	15
29	55.69	55.67	24	27.2	91	82	N	1	W	1	9	10	2.5
30	56.35	56.36	25	30.1	91	68	SW	1	NW	2	8	10	.....
31	57.62	56.57	24.9	29.8	90	69	SW	1	SW	1	7	10	.....
Mean	56.54	55.75	24.2	28.5	90.5	72.5	1		1.5		8.5	9.7	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	452.1

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	57.36	56.55	24.2	30.5	89	63	W	1	SW	2	8	10	.....
2	58.02	56.60	23.9	32.1	90	58	SW	1	SW	2	6	7	.....
3	57.15	57.09	25	27.4	90	81	S	1	NW	2	9	10	1.3
4	57.06	56.99	25.2	25.6	91	86	S	1	E	1	10	10	16.7
5	58.27	56.59	24.3	30.2	90	69	S	1	N	1	9	8	.....
6	59.15	57.40	24.2	29	90	67	SW	1	S	1	6	8	.....
7	58.23	56.99	25	27.8	89	82	SW	1	W	1	7	10	5.8
8	57.53	56.19	24.1	29.7	89	68	SW	1	NE	1	8	8	.....
9	58.31	56.62	24.8	28.6	93	75	SW	1	S	1	7	8	.....
10	57.50	56.19	24	30.1	91	73	S	1	W	2	7	9	.5
11	56.34	56.15	25.3	29	88	74	SW	1	SW	3	8	8	3.5
12	58.39	56.98	23.2	30.9	90	62	SW	1	S	1	7	10	21.8
13	59.24	56.41	23.2	29.8	90	75	S	1	N	1	8	9	2
14	57.93	55.80	24.8	33.2	89	60	SW	1	N	1	6	8	6.6
15	56.90	55.18	25	31.2	90	69	SW	1	NW	2	7	8	.....
16	55.25	53.31	25	32	88	64	SW	1	SW	2	7	7	.....
17	53.23	52.42	26	29.2	90	75	SW	2	SW	3	8	10	5.3
18	53.53	53.54	25.8	27.1	90	82	SW	2	SW	3	10	10	10.2
19	56.60	55.69	25	29.2	90	79	S	2	S	1	10	10	.5
20	57.38	56.49	24.8	29.8	89	76	SE	1	NE	2	8	9	.....
21	53.85	57.38	25	32.4	90	69	SW	1	N	2	7	10	32.5
22	60.04	57.63	24.4	32.3	90	63	S	1	E	1	7	6	1.3
23	59.87	58.18	25	31.2	90	69	SW	1	S	1	7	7	1
24	60.18	58.44	24.6	29.9	94	67	W	1	S	2	5	10	.8
25	60.39	58.39	24	27.8	90	80	SW	1	S	1	7	10	1.3
26	58.92	56.57	25	29.8	90	69	SW	1	S	1	7	8	.....
27	58.32	56.06	24.8	31.5	89	62	SW	1	E	1	7	8	1.3
28	59.10	56.16	25.4	33.2	89	59	SW	1	NE	1	7	8	3
29	58.09	55.76	25.6	31.8	90	64	W	1	NE	1	7	10	.5
30	56.24	54.16	24	32.8	90	57	SW	1	NE	1	7	6	.....
31	55.62	54.08	25	30.2	90	70	S	1	W	1	7	7	.....
Mean	57.71	56.19	24.7	30.2	89.9	69.9	1.1		1.5		7.5	8.6	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	115.9

CANLUBANG, CALAMBA.

[ϕ=14° 13′ N; λ=121° 07′ E; barometer above sea, 67 meters; gravity correction not applied, —1.73 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	55.60	54.64	25.2	28.9	90	68	SE	1	S	1	8	9	11.9
2..	56.12	55.01	24.8	30.1	88	62	S	1	SW	1	8	8	9.9
3..	56.42	55.44	24.8	31.8	90	60	S	1	SW	1	7	8	7.6
4..	56.99	55.39	24.4	29.9	90	73	SW	1	E	1	8	10	13.2
5..	57.04	55.84	24.8	29.4	89	70	S	1	W	2	9	10	1.3
6..	57.26	56.11	24	28.2	90	80	SW	1	SW	3	8	10	21.6
7..	56.95	55.30	23.8	30.1	89	61	SW	1	N	1	8	9	.....
8..	56.16	55.03	24.9	26.6	89	79	SW	1	SW	1	7	10	11.4
9..	56.87	55.73	25	28.2	90	82	SW	1	E	1	10	10	4.3
10..	57.03	55.44	24.4	29.2	87	70	SW	1	SW	2	9	10	.8
11..	56.17	55.83	24.8	29.6	90	69	S	1	SW	2	10	10	.....
12..	57.58	56.69	24.2	29.8	90	69	SW	1	N	1	8	9	1.5
13..	58.60	57	24.1	31.2	91	64	SW	1	E	1	7	8	34.3
14..	58.47	57.93	24.4	28.5	90	69	NW	1	N	2	8	9	17.3
15..	59.69	56.98	24.2	31.4	90	62	SW	1	NW	1	7	8	.5
16..	58.77	57.12	25.2	29.1	89	74	N	1	NE	1	8	10	6.1
17..	57.60	56.80	25.1	28.2	89	76	SW	1	NE	1	9	10	3.3
18..	58.51	57	24.9	30.8	90	63	SW	1	NE	2	7	9	1
19..	59.45	57.40	25.2	30.2	89	69	E	1	N	1	7	8	3
20..	58 56	56.84	24.5	29.4	91	68	NE	1	NE	2	9	8	.8
21..	58.10	57.89	25	28.4	90	74	E	1	NE	2	8	8	1.5
22..	59.09	58.05	24	25.4	91	80	S	1	N	1	7	10	13.7
23..	58.48	56.56	23.4	28.4	90	73	SW	1	SW	1	6	8	3.5
24..	58.71	56.15	24.8	25.2	90	82	SW	1	SSW	1	9	8	12.5
25..	56.34	55.07	24.5	27.2	90	83	S	1	SW	2	8	10	18.3
26..	56.44	55.75	24.1	28	90	70	SW	1	W	1	8	7	13.7
27..	57.89	55.95	24	29.6	91	72	S	1	SSW	1	8	8	.....
28..	56.21	55.55	24.8	29.8	90	69	S	1	S	1	8	9	4.3
29..	56.96	56.47	24.8	29.2	90	70	SSW	1	W	1	9	10	.....
30..	57.96	57.20	24.8	25.5	90	88	W	1	SSE	1	8	10	15.2
31..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	57.53	56.27	24.6	28.9	89.8	71.6		1		1.3	8	9	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	232.5

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	59.44	57.06	24	26.4	91	81	SW	1	SW	1	7	10	6.1
2..	58.95	56.56	23.9	30	91	68	SW	1	N	1	7	8	19
3..	58.83	56.53	23.6	30.1	90	64	NW	1	E	1	8	9	1.8
4..	58.09	55.90	24.1	30.9	89	62	S	1	NW	2	8	9	11.7
5..	56.94	54.84	24.4	27.8	90	74	NW	1	W	1	10	10	48
6..	54.88	52.29	24	28	91	82	SW	1	S	1	10	10	20.6
7..	53.07	51.54	24.8	29	90	76	S	1	S	3	8	8	.....
8..	54.12	52.96	25.2	26.8	91	74	SW	1	SSW	3	10	10	9.6
9..	56.99	56.25	23.4	26.4	90	80	SW	2	NE	1	9	10	.....
10..	57.50	56.98	24.2	24.8	90	83	S	1	W	2	7	10	10.7
11..	58.88	57.24	24.1	29.2	90	75	NE	1	NE	1	8	10	.....
12..	59.20	58.17	25	28.8	90	76	NW	1	E	2	7	10	.....
13..	60.14	57.96	24.1	30	90	69	SW	1	E	2	7	8	8.6
14..	60.30	58.65	23.2	28	90	70	SW	1	SW	1	7	8	8.9
15..	59.84	57.28	24	29	90	74	SW	1	S	2	6	8	1.5
16..	59.01	56.95	24.2	30	90	67	SW	1	E	2	7	8	.....
17..	57.77	56.41	25	27.4	90	81	E	2	E	1	8	9	11.2
18..	58.04	57.01	25	26.8	90	80	NE	1	NE	2	8	9	5.3
19..	58.26	56.66	24.4	29.4	90	70	E	1	E	2	7	8	.....
20..	59.06	56.54	23.4	30.1	90	70	S	1	NE	2	7	8	.....
21..	58.67	56.87	24.2	28.8	89	76	S	1	E	2	7	8	3.3
22..	59.12	56.70	25	27	90	78	E	1	E	2	7	9	.8
23..	58.20	57.04	25.2	27.6	89	79	E	1	SW	1	7	8	8.1
24..	58.78	56.61	24.2	29.4	90	72	SSE	1	NE	2	7	7	.....
25..	58.61	55.93	24.8	30	90	69	S	1	NE	2	8	8	.....
26..	57.63	55.25	24	30.4	90	63	S	1	E	2	7	8	.....
27..	57.35	55.85	24	26.5	89	87	SW	1	E	1	7	9	28.7
28..	58.82	56.72	23.8	29	92	74	SW	1	SE	2	8	8	.5
29..	59.32	57.44	24.2	29.9	91	68	S	1	E	3	7	8	.3
30..	58.61	57.77	24.8	28.8	90	69	SW	1	NE	3	7	9	1.5
31..	58.31	56.70	24.9	30.4	91	63	NE	1	NE	3	7	8	.....
Mean	58.15	56.34	24.3	28.6	90.1	73.4		1.1		1.8	7.6	8.7	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	206.2

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	58.12	56.90	25	30	91	67	E	1	NE	2	8	8	.....
2..	58.40	57.01	24	29.6	90	67	W	1	NE	1	8	8	.....
3..	58.61	57.73	24.8	26.8	90	81	NE	1	E	2	7	10	12.7
4..	59.70	58.85	25	29.4	90	67	N	1	NNE	1	10	10	1.5
5..	60.51	58.04	24.8	28	90	77	NE	1	NE	1	10	10	7.4
6..	59.72	58.79	24.8	26.8	91	77	NE	2	NE	2	10	10	10.7
7..	59.96	59.12	24.2	25.8	90	84	NE	2	NE	3	10	10	9.4
8..	60.18	59.89	24.2	25.8	90	82	S	1	NE	3	9	10	5.9
9..	58.97	56.91	23.8	28.2	91	74	N	1	NE	2	10	8	2.8
10..	57.67	56.83	25.1	28.2	90	80	E	1	NE	2	8	10	3
11..	58.25	57.16	25	30.1	90	64	NE	1	NE	3	8	8	19
12..	59.93	57.85	24.6	28	90	82	N	1	NE	3	7	8	.....
13..	60.16	58.75	24.8	29.8	93	62	NE	2	NE	2	7	7	.....
14..	59.06	57.61	24.8	30	90	62	NE	1	E	2	7	9	.....
15..	58.32	56.34	24.3	30.1	89	64	S	1	NE	2	7	7	.....
16..	58.11	56.73	24.8	29.4	89	67	NE	3	NE	2	10	8	17
17..	58.91	57.33	24.8	27.8	90	79	NE	2	NE	2	10	10	1.8
18..	58.69	57.05	24.7	25.4	90	81	NE	1	E	2	10	10	3.3
19..	58.09	56.16	25	27.2	91	83	E	1	E	1	10	10	7.3
20..	58.28	57.31	24.8	27.9	91	79	E	1	NE	1	10	9	15
21..	59.32	58.20	24.9	28.8	90	79	E	1	NE	1	10	10	2.8
22..	60.26	58.86	23.2	27.3	90	78	SW	1	NE	2	10	10	3.3
23..	59.02	57.92	25	25.8	90	85	N	1	NE	1	10	10	22.4
24..	58.61	56.80	23.4	28.8	90	73	NW	1	NE	3	9	10	19
25..	58.34	57.13	24.4	24.8	91	87	NE	1	NE	1	10	10	50.8
26..	58.95	56.99	23.9	28.6	91	76	SE	1	NE	1	9	9	.....
27..	58.29	56.64	24	28.8	91	74	E	1	E	1	8	10	.....
28..	59.24	57.89	24.2	29.2	90	70	S	1	E	1	8	7	.....
29..	60.07	58.79	23.8	29.4	90	70	N	1	S	1	7	7	.....
30..	60.54	58.56	23.4	29.8	90	69	S	1	NE	2	8	6	.....
31..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	59.08	57.67	24.4	28.2	90.3	74.7		1.2		1.8	8.8	9	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	215.1

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	60.11	58	23.2	30.4	90	63	E	1	NE	1	7	6	.....
2..	60.06	57.98	24.4	30.6	90	62	W	1	NE	1	8	8	.....
3..	60.14	58.79	23.3	29.9	90	61	SW	1	NE	1	8	7	6.4
4..	60.80	60.44	25	24.9	91	84	NW	1	NE	2	10	10	11.4
5..	60.89	58.84	22	28.9	98	71	W	1	NE	2	7	8	2.8
6..	59.27	57.47	23.5	27.9	90	79	W	1	N	2	8	10	3
7..	58.11	56.44	24.2	27.4	90	74	W	1	NE	2	9	10	.....
8..	57.17	56.18	23.4	27.8	90	73	W	1	NE	3	8	8	25.4
9..	57.53	57.53	24	28	99	74	N	1	NE	1	10	10	3.5
10..	59.17	56.24	23.8	29	90	72	NE	2	NE	1	7	7	.....
11..	57.67	56.19	23.9	28.8	90	69	E	1	NE	1	7	8	.....
12..	58.30	57.04	24.2	29	90	68	SE	1	E	2	7	7	.....
13..	59.03	57.54	24.4	30.2	90	65	E	1	NE	2	8	7	.....
14..	58.87	58.12	23	30.1	91	65	NE	1	NE	2	8	9	.....
15..	59.80	58.18	23.4	28.4	90	76	SW	1	E	2	7	7	.....
16..	59.06	57.89	24.3	28.9	90	73	SSE	1	SE	2	9	10	4.8
17..	59.09	57.14	24	29	91	71	SW	1	SE	1	8	9	11.9
18..	58.99	58.11	24.2	29.2	91	68	NNE	2	NE	2	8	6	9.1
19..	59.96	59.57	24.1	25	91	87	NE	2	NE	2	10	10	36.3
20..	59.24	58.24	24	27	91	75	N	1	NE	2	10	9	2.5
21..	59.31	57.52	24.1	29.4	91	68	SE	1	NE	1	8	8	.....
22..	59.77	57.91	23.2	29.2	90	67	W	1	NE	2	7	8	.....
23..	58.86	57.88	23	28.6	91	73	SW	1	NE	1	7	9	.....
24..	59.42	57.02	22.9	29	90	70	SW	1	NE	1	7	8	.....
25..	58.02	56.57	23.9	28.4	91	73	NE	1	NE	1	8	7	.....
26..	57.86	57.21	23.9	25.5	91	80	NE	3	NE	3	10	10	1.3
27..	58.39	57.79	23.4	25.8	90	70	NE	3	NE	3	10	10	.....
28..	59.04	58.49	22.9	25	90	73	NE	3	NE	2	10	10	.....
29..	59.50	58.18	22.4	27.8	90	65	NE	2	NE	2	10	9	.....
30..	59.53	58.93	23	26.4	90	66	N	1	NE	2	8	9	.....
31..	60.25	59.48	22.9	27.2	91	75	NE	2	NE	2	7	8	.....
Mean	59.14	57.84	23.6	28.2	90.9	71.3		1.4		1.7	8.3	8.5	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	118.4

SANTA CRUZ, LAGUNA.

[$\phi = 14° 18'$ N; $\lambda = 121° 25'$ E; barometer above sea, 3.8 meters; gravity correction not applied, —1.73 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	59.18	56.93	22.2	30.2	97	68	SE	1	ENE	2	4	3	.....
2	59.54	57.62	23.7	30.1	96	64	SE	1	NW	1	6	3	0.8
3	60.07	59.06	22.9	26.9	98	75	ESE	1	NE	2	2	8	13.7
4	61.95	61.57	23.2	23.8	90	91	ENE	1	ENE	2	10	10	29.2
5	63.88	62.95	22.3	25.8	90	73	ENE	2	ENE	3	9	7	3.3
6	64.65	63.33	22.2	24.2	89	77	ENE	2	ENE	2	9	9	4.1
7	63.21	61.86	22.1	27.8	92	66	NE	1	ENE	3	9	4	1.3
8	63.66	62.41	20.9	27.4	95	69	SSE	1	ENE	3	6	7	.3
9	64.93	63.46	21.6	25.2	97	81	E	2	ENE	3	9	9	1
10	64.78	63.83	22.6	23.7	92	85	NE	3	NE	3	9	10	8.3
11	64.55	63.37	23.2	25.2	74	71	NE	4	NE	4	8	9	.....
12	63.20	61.27	22.7	24.3	83	85	NE	3	ENE	2	9	9	8.6
13	61.95	60.59	23.4	26.7	90	75	ENE	1	NE	5	8	8	.3
14	61.25	59.69	22.6	27.3	95	77	SSE	1	ENE	2	6	7	.....
15	61.07	59.57	22.7	28.3	96	64	SE	1	NE	3	9	6	.....
16	60.87	59.54	24	26.1	77	78	NE	2	NE	4	7	7	.....
17	60.67	59.02	23	27.2	90	75	NE	1	NE	3	8	8	.8
18	60.42	57.97	22.1	26.4	97	75	SSW	1	NE	2	9	8	.....
19	59.92	57.87	23.2	26.2	82	77	NE	2	ENE	4	8	9	3
20	58.89	57.64	23.3	26.2	87	76	NE	1	NE	4	9	9	3.3
21	58.74	57.82	22.7	25.8	97	74	SE	1	NE	3	9	9	1.8
22	59.67	58.29	23.4	25.2	80	76	ENE	3	NE	3	8	9	.3
23	59.56	57.92	22.4	26.6	96	76	SSW	1	NE	2	10	9	.8
24	59.56	58.77	23.2	26.3	86	76	E	2	ENE	2	4	9	2.1
25	60.21	59.53	22.3	23.7	92	85	ENE	1	NE	2	10	10	8.6
26	61.07	59.09	22.7	26.3	94	73	ENE	1	ENE	2	9	9	2
27	60.25	58.66	22.9	26.8	95	71	ESE	1	ENE	2	9	9	1.8
28	59.75	57.99	21.2	29.2	96	62	SE	1	E	3	3	4	.....
29	59.85	58.98	22.6	26.8	89	70	ENE	1	ENE	2	8	9	.....
30	60.43	59.14	23.2	25.7	80	71	ENE	2	ENE	3	9	9	.....
31	60.07	58.02	20.7	27.9	97	65	S	1	ENE	2	3	7	1
Mean	61.22	59.80	22.6	26.4	90.6	74.2	1.5		2.7		7.6	7.8	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	96.4

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	59.93	58.39	22.8	26.4	82	69	NE	2	ENE	3	9	8	.....
2	59.53	58.88	22.8	25.2	84	76	ENE	2	ENE	3	8	9	.....
3	60.32	59.72	21.8	25.7	94	76	E	1	ENE	3	9	9	.....
4	61.20	60.63	22.1	25.8	94	75	SE	1	ENE	3	9	9	.....
5	62.12	61.19	22.2	25.8	90	72	E	1	NE	4	9	9	.....
6	62.53	61.79	22.3	26.2	87	75	NE	2	NE	3	8	8	0.8
7	62.31	60.51	23.6	29.6	85	62	ENE	1	NE	2	7	5	.....
8	61.85	59.60	22.2	29.3	95	63	ESE	1	W	2	7	6	.....
9	61.72	59.69	21.3	27.3	98	76	SE	1	NNE	2	7	7	1.8
10	62.23	60.82	21.8	25.8	79	69	ENE	3	ENE	4	9	6	.....
11	62.47	60.61	21.7	25	84	71	ENE	3	ENE	4	9	8	.....
12	61.85	60.71	21.9	27.3	96	70	SSE	1	NE	3	9	9	.....
13	61.95	61.32	23	24.8	84	76	NE	3	NE	3	8	8	.....
14	62.74	62.30	22	23.4	80	78	NE	4	NE	4	9	9	.....
15	62.52	60.84	22.5	25.7	86	77	ENE	3	ENE	2	9	9	.....
16	61.31	59.14	22.2	29.1	97	64	SE	1	E	3	9	7	.....
17	59.95	58.11	21.4	26.6	98	82	S	1	NNW	1	7	9	4.3
18	59.09	56.56	22.6	29.2	95	66	NE	1	N	2	9	5	2.3
19	58.17	56.60	22	26.4	96	85	ENE	1	SSE	2	9	9	.....
20	59.38	59.76	23.3	25.6	89	68	SE	1	ENE	4	9	9	.....
21	61.81	61.26	23.8	26.1	73	67	NE	3	NE	4	9	9	.....
22	62.08	60.82	23.5	26.3	74	68	ENE	2	NE	3	7	7	.....
23	61.25	59.47	21.8	28.9	86	63	SE	2	NE	3	1	5	.....
24	59.77	58.51	21.5	28.2	92	64	E	1	NE	3	3	6	.....
25	59.28	57.78	21.8	28.5	91	68	SE	1	NE	3	4	7	1.5
26	59.07	57.22	23.4	29.6	97	66	SE	1	E	3	9	6	.....
27	58.84	56.86	20.8	28.7	99	71	SE	1	E	3	7	6	.....
28	57.98	57.06	22	30.5	99	60	ESE	1	NE	2	3	3	1
29	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	60.83	59.51	22.3	27	89.4	70.6	1.6		2.9		7.6	7.4	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	11.7

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	58.83	57.39	24.1	30.1	91	64	ESE	1	E	3	9	5	.....
2	58.71	57.12	22.8	30.1	95	62	SSE	1	E	4	3	5	.....
3	59.19	57.06	21.5	31.2	99	63	NW	1	E	3	1	6	5.6
4	57.86	56.50	23.8	29.8	94	71	E	1	ENE	3	3	5	6.6
5	58.52	57.06	23.6	29.3	97	73	ENE	1	ENE	3	9	9	.....
6	59.26	57.90	24	29	92	72	E	1	ENE	2	5	5	.....
7	59.57	58.10	22	30.5	96	70	SSE	1	ENE	4	2	4	.....
8	58.97	57	22.9	29.7	96	71	ESE	1	NE	3	2	5	9.1
9	58.07	57.28	22.9	29.9	94	62	NNE	2	E	3	1	6	.....
10	59.39	57.74	24	28.7	88	67	E	1	ENE	4	6	7	1
11	59.12	57.92	23.4	29.9	90	57	E	1	ENE	4	9	3	1.3
12	58.70	57.38	22.3	30.4	95	61	SE	1	NE	3	7	7	.....
13	58.88	57.76	21.3	29.5	97	64	SE	1	NE	3	6	8	12.4
14	59.41	59.05	21.8	29.5	97	63	SSE	1	E	3	8	8	.....
15	61.07	59.95	23.1	28.7	89	64	ESE	1	NE	3	5	6	1.8
16	61.11	59.50	24.5	28	79	68	NE	2	NE	3	9	7	6.9
17	60.85	58.91	23.2	28.2	94	71	ESE	1	NE	2	9	7	7.4
18	60.31	59.25	23.7	30.2	91	58	E	1	E	3	7	4	.....
19	60.06	58.51	23.7	29.8	95	67	WSW	1	E	3	8	5	11.7
20	59.90	58.86	23.7	29.9	95	64	ENE	1	E	2	8	5	1
21	60.47	59.60	22.8	30.9	95	53	E	1	E	3	3	3	.....
22	61.61	60.04	23	31	91	54	SSE	2	ENE	3	3	3	.....
23	60.50	59.48	22.7	29.6	90	56	SE	1	E	2	2	9	.....
24	60.51	59.22	23.8	27.5	84	70	ENE	1	ENE	2	9	9	2.5
25	60.45	59.32	23.2	27.6	87	70	ENE	1	NNE	2	8	9	2
26	60.13	58.96	23.2	27.9	87	69	NE	1	NE	2	9	7	.....
27	60.37	58.65	23.3	31.7	90	58	SE	1	SE	2	9	3	15.5
28	61.42	60.49	23.2	29	93	68	NE	1	NE	3	9	7	.3
29	61.92	59.73	22.5	31.3	96	53	ESE	1	ENE	2	7	4	.....
30	60.87	58.39	23.7	31.8	85	52	E	1	E	2	6	6	.....
31	60.01	57.93	22.6	33.1	91	52	SE	1	ENE	1	2	5	.....
Mean	59.87	58.45	23.1	29.8	92	63.5	1.1		2.7		5.9	5.9	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	85.1

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	60.62	58.25	23.7	30.3	88	66	ESE	1	ENE	2	7	7	.....
2	59.75	57.75	22.9	31.3	96	63	SSE	1	NE	3	7	7	.....
3	59.25	57.22	23.7	31.8	94	56	SE	1	E	3	9	8	.....
4	59.37	57.86	23.8	31.6	97	49	SE	1	E	2	6	3	.....
5	59.69	57.88	23.3	31.5	93	59	SE	1	E	3	2	7	.....
6	59	57.42	24.3	31.3	91	60	ESE	1	NE	3	8	7	.....
7	58.72	57.25	24.2	30.1	92	69	ESE	1	E	3	4	6	.....
8	57.96	57.07	23.8	26.2	94	85	S	1	E	2	7	9	6.3
9	58.42	56.58	23.5	31.9	94	58	E	1	E	2	4	6	.....
10	58.68	56.74	23.3	30.7	97	64	NNE	1	E	2	3	6	7.4
11	57.72	55.79	23.8	30.7	93	65	WNW	1	E	2	2	9	.....
12	57.35	54.94	23.9	32.5	94	56	NE	1	ESE	2	1	7	.....
13	57.92	56.18	24	32.3	94	61	ESE	1	SE	1	2	6	1.3
14	58.87	56.55	23	33.5	95	46	SE	1	WNW	1	7	7	.....
15	58.97	55.71	22.7	33.4	96	57	SSE	1	W	1	6	7	.....
16	57.80	55.74	23.3	29.5	92	72	SE	1	WSW	2	7	7	.....
17	57.77	56.55	22.9	27.8	97	78	SE	1	SE	1	8	9	.....
18	58.39	56.50	23.2	28.7	97	75	SSE	1	NE	3	7	8	2
19	57.87	55.91	24.6	32.7	89	57	ESE	1	SE	2	7	7	.....
20	57.92	56.08	23.7	32.3	96	56	SE	1	NE	2	5	6	.....
21	57.76	55.71	23.4	32.9	97	49	ESE	1	NE	3	3	3	.....
22	57.71	55.49	23.8	33.2	92	58	SE	1	E	2	6	7	.....
23	56.84	55.88	24.2	32.3	95	60	SE	1	E	2	2	6	.....
24	58.05	56.38	23.5	33.7	95	60	SE	1	ESE	2	9	6	.....
25	58.49	57.27	24.2	31.2	96	65	ESE	1	NE	3	7	7	.....
26	58.47	56.81	25.1	29.6	94	74	ENE	1	ENE	2	9	5	11.2
27	58.20	56.44	24.3	32.3	96	64	SE	1	NNW	2	8	6	.....
28	57.82	55.89	23.4	31.9	97	70	SE	1	NNE	2	8	7	.....
29	57.76	55.76	25.2	31.2	92	63	ESE	1	NE	3	7	3	9.9
30	57.26	55.68	23.7	30.6	97	74	SE	1	NE	2	9	7	4.3
31	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	58.35	56.51	23.7	31.3	94.3	63	1		2.2		5.9	6.5	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	42.4

SANTA CRUZ, LAGUNA.

[ϕ=14° 18′ N; λ=121° 25′ E; barometer above sea, 3.8 meters; gravity correction not applied, —1.73 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	57.86	56.22	23.6	32.8	98	60	SE	1	W	1	6	2	.....
2..	58.42	57.56	24.1	31.6	92	66	SE	1	NE	3	8	5	.....
3..	57.16	55.40	23.8	32.1	97	67	ESE	1	S	1	8	8	.....
4..	57.83	56.32	23.2	32.4	98	66	E	1	W	2	9	8	.....
5..	58.52	56.64	24.4	32.1	91	63	ESE	1	E	2	9	8	.....
6..	58.24	56.91	23.3	23.9	98	89	SSE	1	WSW	2	7	10	63
7..	58.07	56.69	23.7	29.7	97	72	SE	1	E	1	8	9	.3
8..	58.06	56.67	23.2	30.4	96	72	ESE	1	E	1	6	8	.....
9..	58.53	56.29	23.4	33.7	98	51	SE	1	WNW	1	8	8	.8
10..	58.47	56.38	23.1	31.8	98	67	SSE	1	WSW	1	9	9	.....
11..	57.45	55.36	23.7	32.3	95	68	SE	1	NW	2	3	6	.....
12..	58	56.29	24	32.2	94	64	S	1	WNW	1	7	7	.....
13..	58.52	57.25	24.9	26.5	96	94	ESE	1	SSW	1	7	9	28
14..	59.95	57.64	24.5	32.5	94	62	SE	1	WSW	1	7	4	.....
15..	60.26	57.83	24.4	32.9	95	61	SSE	1	E	2	6	7	.....
16..	60.03	57.81	24.3	31.6	93	52	ESE	1	NE	2	9	4	.....
17..	59.55	57.82	24.8	30.5	90	70	SSE	1	S	2	2	7	.....
18..	60.04	58.48	24.1	32	92	60	SE	1	E	2	2	3	.....
19..	59.51	57.56	24	32.8	92	61	SE	1	NE	2	3	7	.....
20..	57.97	57.09	24.6	30.7	96	67	ESE	1	SE	1	7	8	.....
21..	57.68	56.12	22.8	31.3	93	63	SSE	1	SSW	1	8	7	.....
22..	58.47	57.34	23.4	30.2	96	70	SE	1	E	3	7	8	.....
23..	58.92	58.55	23.3	29.3	98	73	NE	1	SE	1	7	10	.....
24..	58.86	57.48	23.1	28.8	98	76	ESE	1	SE	2	6	9	15.7
25..	58.60	56.47	23.5	27.9	93	87	E	1	NE	1	9	8	5.1
26..	58.51	56.93	23.8	28.3	98	84	E	1	NE	1	9	9	2.5
27..	59.20	57.25	23.3	29.3	97	79	SE	1	S	1	6	8	1
28..	58.68	57.17	23.4	26.8	98	90	SE	1	ESE	1	7	9	4.3
29..	58.27	55.63	23.7	32.7	96	68	SE	1	WNW	1	6	6	1
30..	57.89	56.62	24.5	31.8	97	73	E	1	W	1	7	9	.....
31..	58.34	57.69	25.5	25.5	95	98	SE	1	S	1	8	9	58.6
Mean	58.58	56.95	23.9	30.5	95.5	70.7		1		1.5	6.8	7.4	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	180.3

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	58.90	56.93	23.5	30.7	98	70	SSE	1	NE	1	9	7	1
2..	58.22	56.51	24.4	29.7	98	77	ESE	1	N	1	9	9	.....
3..	57.59	56.49	25	25.6	94	94	SE	1	E	1	7	9	30.2
4..	57.60	56.18	25.1	31.6	93	70	SE	1	E	2	6	7	.....
5..	58.26	56.96	25.8	32.9	92	65	SE	1	E	1	3	6	.....
6..	58.91	56.98	25.4	33.7	92	54	SE	1	SSE	2	2	4	.....
7..	58.71	56.99	25.1	32.4	97	52	SSE	1	NE	3	3	3	.....
8..	58.80	57.32	25.8	31.4	87	65	SE	1	SE	3	4	7	2
9..	59.08	57.74	24.5	32.8	93	59	SE	1	ESE	2	5	3	.8
10..	58.89	57.53	25.1	28.7	91	85	SE	1	NNW	1	5	8	1.5
11..	58.46	56.87	25.7	32.7	89	61	SE	1	ESE	3	3	6	1.8
12..	57.77	56.78	24.7	29.2	92	76	E	1	NE	2	7	8	.....
13..	58.08	56.32	23.4	31	98	71	ESE	1	SE	2	2	3	.....
14..	58.36	56.51	25.2	32.7	92	60	SE	2	E	3	1	4	52.8
15..	59.06	57.56	23.9	31.5	94	64	SE	1	E	2	2	8	.....
16..	58.49	56.41	25.4	32.8	98	64	NE	1	NE	2	3	2	.....
17..	57.82	55.18	24.4	29.3	98	81	NE	1	SE	2	4	8	.....
18..	58.20	55.98	24.2	29.5	95	81	SSE	1	SSW	2	2	9	2.5
19..	58.87	57.74	24.8	26.8	93	89	SSE	1	S	1	7	9	5.1
20..	59.04	57.52	23.8	33	94	65	ESE	1	SW	2	4	7	.....
21..	58.60	56.91	24.3	32.7	96	66	SE	1	NNW	2	7	7	8.6
22..	57.82	56.53	24	28.5	97	77	NNE	1	SSW	1	8	9	3.6
23..	57.67	55.92	22.8	30.6	97	73	ESE	1	NNW	1	9	9	53.3
24..	58.31	56.80	22.9	31.5	98	62	SE	1	E	2	9	9	1.8
25..	57.72	55.67	23.4	30.1	98	72	SE	1	NNE	2	9	9	5.3
26..	55.86	54.74	23.2	29.8	99	74	WSW	1	NNW	1	9	9	1.5
27..	56.96	57.25	23.4	26.1	98	89	ESE	1	NNW	1	9	9	23.9
28..	58.25	57.62	23.2	31.7	98	66	SE	1	E	1	9	9	.....
29..	59.20	57.01	24.3	33.4	97	62	SE	1	SE	2	6	6	7.4
30..	58.41	56.78	25.2	31.1	94	68	SE	1	NE	2	3	7	1.3
31..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	58.26	56.72	24.4	30.8	95	70.4		1		1.8	5.5	7	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	204.4

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	58.35	57.43	24.3	25.9	98	93	SSE	1	SE	2	9	9	0.5
2..	57.61	56.21	24	31	98	72	E	1	SW	1	9	9	.....
3..	57.02	55.60	22.7	29.3	98	81	SE	1	NNW	1	5	6	5.8
4..	56.40	55.51	23.3	28.9	98	77	SW	1	WSW	1	5	9	4.1
5..	55.58	54.48	23.9	29	96	79	SSW	1	W	2	6	9	12.2
6..	55.61	54.66	23.5	29.7	97	75	S	1	W	2	8	9	9.4
7..	56.23	55.52	25.3	26.3	95	87	WSW	1	WSW	2	9	9	13.2
8..	56.41	55.48	23.6	30.1	98	75	SSW	1	WSW	2	9	9	.....
9..	55.53	55.41	22.8	25.7	96	97	SSE	1	WSW	1	5	9	1.8
10..	56.17	54.75	23.9	29.9	98	79	WSW	1	W	1	9	9	9.7
11..	55.73	55.62	23.7	24.9	96	93	S	1	NNE	2	9	10	38.3
12..	55.11	54.16	23.4	28	97	82	W	1	W	1	9	9	6.8
13..	55.06	54.90	23.3	26.4	94	83	SSE	1	WSW	1	10	9	6.6
14..	55.98	54.81	22.2	26.5	96	86	SSE	1	SE	1	9	9	.8
15..	56.78	55.44	22.5	30.5	97	69	SSW	1	SW	1	7	9	1.3
16..	56.26	54.46	22.7	26.4	97	88	SSW	1	S	1	7	9	38.6
17..	54.93	55.03	22.9	25.1	98	89	SSW	1	WSW	1	10	9	24.6
18..	55.76	54.86	22.7	27.4	97	83	SW	1	W	2	9	9	5.9
19..	55.86	55.68	23.9	29.7	98	75	NE	1	WNW	2	9	8	.....
20..	57.07	56.72	23.4	31.7	97	62	E	1	NNW	1	9	9	.5
21..	57.47	56.91	23.4	30.7	97	69	SSE	1	WNW	2	9	7	1.5
22..	58.56	57.61	23.3	27.4	98	78	SE	1	SW	1	8	8	.8
23..	59.22	57.94	23.8	29.4	97	70	SE	1	NW	2	9	9	5.3
24..	58.89	58.61	22.8	24.7	96	92	SSE	1	W	1	9	9	4.5
25..	57.68	57.08	23	26	96	82	SSW	1	NW	3	9	9	4.1
26..	57.37	56.25	24	29	96	76	WSW	1	W	1	8	9	3
27..	57.12	55.64	23.2	28.9	97	73	SSE	1	W	3	9	9	2.8
28..	55.86	55.47	23.3	24.8	95	95	SSE	1	NW	2	9	9	13.2
29..	56.07	55.86	24.6	25.8	95	88	SW	1	W	1	10	9	14.8
30..	56.23	56.18	24	29.7	97	68	WSW	1	W	3	9	9	.....
31..	57.29	56.15	24.7	30.3	96	63	SW	1	W	3	9	7	.....
Mean	56.62	55.82	23.5	28	96.7	80		1		1.6	8.4	8.7	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	230.1

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	57.19	56.29	24.3	31	95	62	SE	1	WSW	3	9	5	.....
2..	57.67	56.12	22.8	32.3	97	60	S	1	W	3	7	4	.....
3..	56.94	56.93	24.2	26.4	96	89	S	1	N	2	9	9	2
4..	56.90	56.25	24.7	26	97	89	SW	1	NW	1	10	9	27.5
5..	57.93	56.33	23.5	30.6	97	67	SSE	1	S	1	9	7	.....
6..	58.46	57.61	23.7	26.9	96	81	SSE	1	SE	1	3	7	.....
7..	58.14	56.05	22.9	30.4	97	72	ENE	1	NNW	1	6	9	2.3
8..	57.28	55.90	23.8	28.9	97	76	SSE	1	NNE	3	9	8	2.1
9..	57.82	55.95	24.4	27.8	91	83	E	1	N	1	9	9	4.3
10..	57.71	55.63	22.8	31.3	96	67	S	1	NNW	2	9	7	.....
11..	55.89	55.90	25.7	29.7	89	72	WSW	1	WSW	3	9	9	.3
12..	57.86	56.49	22.9	31.7	94	63	E	1	WNW	2	7	7	12.4
13..	58.64	56.15	23.7	30.9	97	64	S	1	NW	2	8	9	.....
14..	57.52	55.75	24.7	31.9	96	66	S	1	SW	1	4	7	.....
15..	56.69	55.09	24.5	31.7	97	60	SE	1	W	2	6	3	.....
16..	55.12	53.08	24.6	32	96	63	WSW	1	SW	2	7	7	2.3
17..	52.82	51.85	26.8	30.1	82	65	W	3	W	5	9	9	3.8
18..	53.41	53.24	25.6	27.4	92	81	W	2	SSW	2	9	9	4.6
19..	56.32	55.64	24.5	29.4	96	69	SSW	1	W	2	9	9	.....
20..	57.10	56.26	24.2	29.4	96	74	SSE	1	WSW	1	10	9	.....
21..	58.93	57.56	24	31.5	94	63	WSW	1	NE	1	7	9	4.3
22..	59.61	57.33	22.9	32.9	98	60	E	1	NE	2	5	3	.....
23..	59.21	58.29	24.7	32.8	97	54	SSE	1	ENE	2	8	4	.....
24..	60	58.41	24.8	31.3	96	70	SE	1	SW	2	4	7	1
25..	60.34	58.21	22.9	27.8	98	76	S	1	SSE	2	3	9	.3
26..	58.57	56.35	23.3	32.9	97	63	E	1	WSW	1	7	4	9.4
27..	58.21	56.43	24	30.3	97	70	SSE	1	S	2	4	3	.5
28..	59.06	56.55	23.8	30.2	97	75	SSE	1	SSE	1	7	7	7.4
29..	58.09	55.64	23.9	27.5	97	83	SE	1	S	1	3	8	.8
30..	55.91	54.01	23.5	32.5	97	58	SE	1	NNE	1	7	6	.....
31..	55.41	53.87	23.7	29.5	97	76	SE	1	SSW	1	6	8	.....
Mean	57.44	55.97	24.1	30.2	95.5	70		1.1		1.8	7.1	7.1	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	85.3

SANTA CRUZ, LAGUNA.

[ϕ=14° 18′ N; λ=121° 25′ E; barometer above sea, 3.8 meters; gravity correction not applied, —1.73 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain in 24 hours beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	55.72	54.43	24	30.6	97	74	S 1	SW 1	7	7	8.4
2	56.05	54.61	23.6	30.1	97	75	E 1	N 1	7	9	3.3
3	56.21	55.26	22.7	30.1	95	71	ESE 1	SW 1	7	5	8.6
4	56.97	55.39	23.2	29.7	97	75	SW 1	NNW 1	9	9	14
5	56.54	55.76	22.9	28.2	98	79	SE 1	WSW 1	9	9	14.2
6	57.31	56.20	23	28.6	99	77	SE 1	S 1	9	9	1.3
7	56.64	55.14	23	30.2	97	68	SE 1	W 1	5	7	2.8
8	56.54	54.95	23.1	30.4	97	68	SE 1	SSW 1	8	9	.....
9	56.71	55.54	24.2	28.5	97	80	SE 1	SSW 1	10	9	17
10	56.86	55.31	23.8	28.9	97	76	SSW 1	SW 2	9	9	5.6
11	56.36	55.88	24.5	29.5	93	74	SW 1	WSW 3	10	9	.5
12	57.67	56.84	24.1	28.3	96	76	SSE 1	NNW 2	9	9	.3
13	58.76	57.20	22.8	31	98	64	S 1	SE 2	6	8	2
14	58.83	57.51	23.6	28.4	97	76	ENE 1	N 1	9	9	4.4
15	59.59	57.28	23.3	29.1	97	78	SE 1	SE 2	3	7	.8
16	58.80	56.65	24.5	29.3	93	79	ESE 1	WSW 1	7	8	7.4
17	57.57	56.87	23.6	27.4	97	81	ESE 1	NNE 2	9	9	5.5
18	58.73	57.29	24.2	30.8	97	68	E 1	NE 3	9	7	1.5
19	59.49	57.51	24.5	29.3	95	74	ENE 1	SE 2	9	9	11.7
20	58.81	56.71	24	29.8	94	71	ESE 1	NE 3	9	9	5.1
21	58.40	57.75	24	28.8	89	74	SE 2	ENE 3	9	9	3.1
22	59.40	57.79	23.2	26.1	96	90	SE 1	N 1	6	9	7.7
23	58.29	56.23	22.5	30.9	98	64	NNW 1	WNW 2	2	7	16.5
24	58.67	55.95	24	30.5	98	76	S 1	WSW 2	9	7	35.8
25	56.80	55.17	23.9	27.8	98	82	SE 1	WNW 1	9	9	8.6
26	56.42	55.33	23.6	30	99	69	ESE 1	N 1	9	7	.....
27	57.65	55.91	23.3	30	98	73	SE 1	NW 1	9	9	26.4
28	56.16	55.88	23.8	25.4	98	95	SSW 1	N 2	9	9	8.1
29	56.97	56.25	23.4	28.2	99	81	WNW 1	W 1	9	9	.....
30	57.73	56.72	24.6	28.5	97	78	SSE 1	W 1	9	8	8.4
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.56	56.18	23.7	29.2	96.6	75.5	1	1.5	8	8.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	229

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain in 24 hours beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.97	57.02	23.5	28.9	97	71	SW 1	W 1	7	7	3.6
2	58.61	56.62	23.4	28.4	98	74	SE 1	E 2	5	9	9.9
3	58.42	56.14	24	29.8	97	71	ESE 1	NE 2	9	8	2.5
4	57.47	56.43	23.8	24.8	97	95	SSE 1	NE 2	9	9	9.2
5	56.12	54.25	24.1	26.9	98	83	SSE 1	WNW 1	9	9	39.4
6	54.04	51.80	24.2	29	98	82	SSW 1	WSW 1	10	9	35.1
7	52.43	51.25	24.5	30	98	77	SE 1	SW 3	9	9	.8
8	53.56	52.65	24.3	29.8	98	76	S 1	SW 4	9	9	11.2
9	56.79	55.82	23.2	27	97	78	NE 1	SE 1	9	9	2
10	57.33	56.17	23.7	28.3	97	80	SSW 1	WSW 1	9	10	3.6
11	58.87	56.98	23.5	29.3	97	76	SE 1	NNE 1	9	9	.....
12	58.77	57.79	24.7	29.1	92	74	SSE 1	E 2	9	9	2.3
13	59.56	58.19	23.5	28.1	97	77	SE 1	NE 3	9	9	22.6
14	59.50	57.44	23.5	27.2	97	84	ESE 1	NE 1	8	9	14
15	58.58	56.84	24.2	31.1	92	60	E 1	E 2	7	8	.....
16	58.57	56.59	23.8	30.4	93	70	SE 1	ENE 2	7	7	12.7
17	56.79	55.31	24.3	28.5	91	76	Calm	ENE 2	7	8	24.2
18	57.33	56.91	22.8	25	97	84	Calm	E 1	7	9	3.4
19	57.86	55.99	23.1	28.5	96	72	Calm	N 3	6	7	.....
20	58.24	55.84	22.9	30.2	96	66	Calm	ENE 2	3	4	5.8
21	58.10	56.25	24.3	29.3	91	72	Calm	E 2	3	5	10.5
22	58.28	56.27	24	29	94	74	Calm	N 1	8	7	6.1
23	58.64	56.60	24.5	29.9	94	72	Calm	WNW 1	9	9	8.6
24	58.48	56.85	23.3	30.3	97	67	Calm	E 3	8	4	.6
25	58.52	56.19	24.3	30.3	97	66	Calm	ENE 3	6	5	1
26	57.88	55.74	24	30.7	97	60	Calm	NNE 1	7	7	.1
27	56.84	55.73	24	26.2	94	88	Calm	Calm	4	8	5.1
28	58.49	57.04	22.6	31.5	99	62	Calm	ENE 1	4	2	.3
29	59.43	58.41	23	26.8	97	86	Calm	NNE 2	1	9	8.6
30	58.92	57.94	24	26.8	97	81	Calm	ENE 2	10	9	26.6
31	58.21	57.04	23.9	29.8	96	65	E 1	NE 4	7	7	13.8
Mean	57.73	56.13	23.8	28.7	96	74.8	0.5	1.8	7.2	7.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	283.6

NOVEMBER.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.76	56.55	24.5	30	92	71	ENE 1	ENE 2	9	7	1.3
2	58.15	56.62	24.7	29.1	92	75	SSE 1	ENE 3	9	9	36.6
3	57.89	57.50	23.8	26.7	95	83	SSE 1	ENE 2	6	9	32.8
4	59.05	58.25	24	27	97	86	ESE 1	ENE 3	9	9	18.5
5	59.95	58.21	23.8	27.1	97	81	SE 1	ENE 1	9	8	13.5
6	59.65	58.51	24.6	26.9	85	80	ENE 3	E 1	9	9	27.7
7	59.81	58.79	24.8	24.4	87	90	ENE 2	E 2	9	10	34
8	59.87	59.52	23.9	23.9	96	92	ENE 1	NE 2	9	10	20.8
9	58.56	55.97	26	27.8	82	76	ESE 2	ENE 2	9	9	4.6
10	57.37	55.94	24.6	30.7	90	65	SE 1	E 3	9	6	1.3
11	57.70	56.76	24.8	29.3	89	70	E 1	NE 3	5	5	2.5
12	59.17	58.10	24.9	27.5	88	71	NNE 2	NE 4	9	7	.5
13	60.27	58.81	24.7	29.2	82	66	NE 2	NE 3	8	4	.....
14	58.91	57.45	25.2	28.2	81	67	NNE 2	NNE 4	7	7	.....
15	58.06	56.33	23.7	30	95	62	SE 1	ENE 2	9	7	.....
16	58.12	56.60	25.4	28.1	77	70	E 2	NE 4	9	9	18.8
17	58.48	56.85	23.9	26.4	91	77	E 2	NE 4	10	9	12.7
18	58.06	56.74	23.5	24	93	96	ESE 1	SE 1	9	10	11.2
19	57.46	56	24.2	27.5	93	81	ESE 1	ENE 3	10	9	42.9
20	58.39	57.10	23.8	27.2	98	87	ESE 1	NNE 2	9	9	15
21	59.51	58.46	24.2	27.1	97	81	S 1	NNE 3	9	9	.8
22	60.15	58.58	23.2	26.8	98	82	SSE 1	ENE 1	9	9	6.4
23	58.88	57.07	24.4	25.3	97	91	SE 1	NW 1	9	9	31.3
24	58.34	56.56	23.4	26.7	97	85	E 1	ENE 2	9	9	28.5
25	58.11	56.67	23.8	26.7	97	84	ENE 1	E 1	10	9	20.8
26	58.77	57.22	24	27.3	92	78	SE 1	S 1	9	9	.5
27	58.46	56.47	22.9	28.2	92	75	E 1	ENE 2	4	2	.....
28	59.43	57.82	23.1	29.3	94	72	E 1	E 2	8	9	.....
29	60.24	58.84	23.1	29.4	95	73	SE 1	S 1	7	8	.8
30	60.51	58.73	23.4	30.2	96	66	SSE 1	SE 2	6	5	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.84	57.43	24.1	27.6	91.8	77.8	1.3	2.2	8.4	8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	384.3

DECEMBER.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.05	57.92	23.2	30	91	69	E 1	NNE 1	4	3	.....
2	60.04	57.77	23.4	30.8	97	65	SE 1	NE 2	5	3	.....
3	60.15	59.06	23.5	29.2	97	65	ESE 1	E 3	9	3	3.6
4	60.96	60.25	23.7	26	97	85	SSE 1	NE 4	9	9	3.1
5	60.55	58.95	22.3	27.8	98	76	ESE 1	NE 3	7	4	1.3
6	58.89	56.77	23	28.5	97	76	WNW 1	ENE 2	7	9	5.1
7	57.74	56.05	22.8	26.9	96	75	SE 1	NE 3	9	9	.....
8	56.90	55.52	24.1	26.6	84	77	NE 3	NE 3	9	9	29
9	57.29	56.54	23.2	24.8	98	94	WNW 1	NE 1	9	9	15.8
10	58.25	56.07	21.8	29.5	99	68	SSW 1	NE 3	6	5	.....
11	57.32	56.14	24	28.6	91	75	SE 1	NE 2	7	8	.3
12	58.16	56.82	22.7	28.9	96	73	ESE 1	ENE 2	5	7	.....
13	58.87	57.29	21.7	30.4	98	68	S 1	ENE 3	3	4	.....
14	58.68	57.90	21.7	25.2	98	92	SE 1	WSW 1	3	9	4.9
15	58.93	57.95	23	27.9	98	77	SE 1	E 2	7	8	17.2
16	59.07	56.87	23.1	26.3	90	79	SE 2	ENE 4	9	9	30
17	58.53	56.81	22.9	27.8	99	78	ESE 1	ESE 1	8	7	1.3
18	59.09	58.30	23.6	28.5	90	69	SE 1	ENE 3	9	6	16.5
19	59.96	59.09	24.6	24.2	87	92	ENE 1	ENE 1	9	9	42.7
20	58.98	57.91	23.7	26.5	90	84	ESE 1	ENE 2	9	9	4.6
21	59.25	56.91	23.3	29.6	97	66	ESE 1	E 3	6	3	.....
22	59.41	57.44	22.3	29.2	99	72	SE 1	ENE 2	5	5	.....
23	58.87	57.25	22.4	28	98	82	S 1	ENE 2	7	8	2
24	59.07	56.70	23	28.3	96	68	E 1	ENE 3	7	7	.....
25	58.04	56.38	23.8	27	93	77	SSW 1	NE 3	9	8	2
26	57.82	57.14	23.5	25	83	81	ENE 2	ENE 2	9	9	.5
27	58.17	57.69	23.6	24.5	81	74	ENE 2	ENE 3	10	9	.....
28	58.64	58.15	22.1	24.2	87	80	ENE 2	ENE 3	9	9	.3
29	59.51	57.66	22.3	26	89	77	ESE 1	ENE 3	9	9	.....
30	59.23	58.79	22.2	24.3	89	80	E 1	ENE 3	7	9	.....
31	60.72	59.33	22.1	24.8	84	75	ENE 3	ENE 4	9	9	.....
Mean	58.94	57.53	23	27.3	93.1	76.4	1.3	2 5	7.4	7.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	180.2

ANTIPOLO.

[ϕ=14° 36′ N; λ=121° 10′ E.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	21	31.1	95	60	Calm	SE 3	3	4	.....
2	.....	.....	21.8	30.3	96	64	Calm	SW 2	8	6	.....
3	.....	.....	22.4	29.7	94	59	Calm	NE 3	2	3	1.3
4	.....	.....	23	25	84	73	NE 2	NE 2	9	10	1.5
5	.....	.....	21.4	26.5	91	66	Calm	NE 5	9	8	.....
6	.....	.....	21	25.5	84	61	Calm	NE 4	10	9	.....
7	.....	.....	19.8	28	92	60	Calm	NE 2	8	8	.....
8	.....	.....	20.2	28.2	89	61	Calm	NE 2	10	9	.....
9	.....	.....	21.3	28	93	62	Calm	NE 4	8	8	.....
10	.....	.....	21.5	25.5	87	72	Calm	NE 2	10	10	3.1
11	.....	.....	22.2	25.5	79	63	NE 4	NE 4	8	9	.....
12	.....	.....	22.7	25.5	78	69	NE 3	NE 3	8	10	2
13	.....	.....	21.4	28.4	95	61	Calm	NE 3	8	7	.3
14	.....	.....	21	28.9	95	67	Calm	NE 1	10	7	.....
15	.....	.....	20.5	29.4	95	48	Calm	NE 3	4	3	.....
16	.....	.....	20.6	28	90	60	NE 1	NE 3	3	8	.....
17	.....	.....	20.5	28.4	93	64	Calm	SSE 1	6	8	.....
18	.....	.....	21.5	30.2	91	53	Calm	NE 4	8	3	.....
19	.....	.....	21.8	27	91	65	Calm	E 2	9	10	.....
20	.....	.....	22	28.7	91	62	Calm	ENE 3	9	8	.....
21	.....	.....	21.3	27	95	67	Calm	SW 1	10	10	.....
22	.....	.....	21.5	27.7	91	62	Calm	NE 3	9	9	.....
23	.....	.....	21.3	27	93	77	Calm	Calm	9	10	.3
24	.....	.....	21.5	29	95	64	Calm	NE 2	8	8	.8
25	.....	.....	21.5	23.4	91	83	Calm	NE 1	10	10	4.1
26	.....	.....	21	26.4	93	70	Calm	E 2	10	9	4.6
27	.....	.....	21.8	29	96	60	Calm	NE 2	9	7	.8
28	.....	.....	22	28	91	77	Calm	S 2	8	8	4.6
29	.....	.....	20.5	29	91	60	Calm	E 3	7	8	.....
30	.....	.....	20.5	28	94	58	Calm	NE 3	10	10	.....
31	.....	.....	19.5	28	95	65	Calm	E 2	6	4	.....
Mean	.....	.....	21.3	27.8	91.2	64.3	0.3	2.5	7.9	7.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23.4

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12.) 6 a. m.	Wind, direction and force (0-12.) 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
			°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	20	28.2	91	56	Calm	NE 3	8	8	.....
2	.....	.....	20.1	29.1	91	58	Calm	NE 2	9	9	.....
3	.....	.....	20.5	28.5	93	60	Calm	ENE 3	10	10	.....
4	.....	.....	21.2	28.1	91	58	E 1	E 2	9	9	0.3
5	.....	.....	20.2	28.5	91	57	Calm	NE 4	8	6	.....
6	.....	.....	20.5	28.5	84	59	Calm	NE 4	8	9	.....
7	.....	.....	22.2	29.5	83	55	NE 1	ENE 3	9	3	.....
8	.....	.....	21	28.7	91	63	Calm	S 1	9	8	.....
9	.....	.....	21.5	27.5	91	70	Calm	SSE 2	8	7	2
10	.....	.....	21.5	29.5	69	52	NE 3	NE 4	8	5	.....
11	.....	.....	21.7	29	75	56	NE 1	E 2	8	7	.....
12	.....	.....	20	27	91	77	Calm	E 1	9	8	10
13	.....	.....	20.5	27.1	95	55	Calm	NE 6	8	7	.....
14	.....	.....	21.5	27.5	72	53	NE 4	NE 6	7	7	.....
15	.....	.....	21.5	29	81	58	Calm	NE 3	8	9	.....
16	.....	.....	21.3	30	90	55	Calm	E 3	8	6	.....
17	.....	.....	21	25.9	95	78	Calm	NE 2	8	9	.....
18	.....	.....	22.8	28.4	87	64	Calm	WNW 1	8	8	1.5
19	.....	.....	21	30.3	95	63	Calm	S 2	9	8	.....
20	.....	.....	21.7	27.7	96	55	Calm	NE 5	9	9	.....
21	.....	.....	23	26.7	66	56	NE 4	NE 4	10	9	.....
22	.....	.....	21.2	28.7	78	50	Calm	NE 4	8	1	.....
23	.....	.....	19.5	29.9	90	47	Calm	NE 2	0	3	.....
24	.....	.....	18.2	31.3	88	48	Calm	NE 2	0	3	.....
25	.....	.....	20	30.4	86	49	Calm	NE 3	6	2	.....
26	.....	.....	21	31.3	91	51	Calm	NE 3	3	6	.....
27	.....	.....	20.8	30.9	75	54	Calm	NE 2	8	7	.....
28	.....	.....	21.6	31.4	86	46	Calm	NE 2	9	3	.....
29											
30											
31											
Mean	.....	.....	21	28.9	86.1	57.2	0.5	2.9	7.6	6.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13.8

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12.) 6 a. m.	Wind, direction and force (0-12.) 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
			°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	21	31	89	53	Calm	NE 1	8	7	.....
2	.....	.....	22.5	30.8	82	49	NE 1	NE 2	2	7	.....
3	.....	.....	21.8	31.1	84	53	Calm	NE 2	2	4	.....
4	.....	.....	22.5	30.7	87	54	Calm	NE 3	3	6	.....
5	.....	.....	23.7	30.4	85	63	Calm	SE 2	8	9	2.5
6	.....	.....	22.2	32.5	89	44	Calm	NE 2	8	2	.....
7	.....	.....	21.5	31.5	87	47	Calm	NE 1	9	8	.....
8	.....	.....	22.5	31.7	78	45	NE 1	NE 3	1	3	.....
9	.....	.....	22.5	31.7	82	48	NE 1	NE 2	1	4	.....
10	.....	.....	22.3	32.5	83	47	Calm	NE 3	6	4	.....
11	.....	.....	22.7	31.5	89	48	Calm	NE 2	8	4	.....
12	.....	.....	20.6	27.5	89	70	Calm	NE 3	6	8	.8
13	.....	.....	20	27.7	91	76	Calm	NE 1	10	10	1.5
14	.....	.....	21.5	28.4	94	64	Calm	NE 2	9	10	.....
15	.....	.....	21.4	32.7	82	43	ENE 1	NE 3	6	6	.....
16	.....	.....	22.7	29.4	76	54	NE 1	NE 2	5	9	1.5
17	.....	.....	21.5	26	95	80	Calm	SE 1	10	10	5.6
18	.....	.....	23.2	31.3	84	48	ENE 1	NE 2	9	5	.....
19	.....	.....	21.9	28.5	91	66	Calm	NE 2	3	4	.8
20	.....	.....	22.2	28.4	89	64	Calm	W 1	4	8	.....
21	.....	.....	22.3	32.5	83	42	Calm	NE 3	3	3	.....
22	.....	.....	21.2	30	91	65	Calm	Calm	2	6	11.5
23	.....	.....	22.4	25.5	82	88	NE 1	NE 1	2	10	3.8
24	.....	.....	22	27	94	67	Calm	NE 2	10	10	.....
25	.....	.....	22.5	25.3	85	76	Calm	NE 3	9	10	1.1
26	.....	.....	21.7	30.4	93	55	Calm	E 2	10	8	.....
27	.....	.....	22	32.9	91	47	Calm	SE 1	8	2	.....
28	.....	.....	22.5	30.9	87	50	NE 1	NE 2	8	5	.....
29	.....	.....	21	30.7	88	60	Calm	SE 2	8	7	.....
30	.....	.....	21	29.5	86	58	Calm	SW 1	5	6	.....
31	.....	.....	22	31.7	91	56	Calm	SW 2	4	7	.....
Mean	.....	.....	22	30.1	87	57.4	0.3	1.9	6.2	6.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29.1

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12.) 6 a. m.	Wind, direction and force (0-12.) 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
			°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	22	33	87	47	Calm	NE 2	1	4	.....
2	.....	.....	21.5	31.4	87	57	Calm	NE 1	2	9	.....
3	.....	.....	22.8	32.8	84	47	Calm	SE 3	9	9	.....
4	.....	.....	23	34	86	34	Calm	SE 3	7	2	.....
5	.....	.....	21.5	34	87	45	Calm	SE 2	3	7	.....
6	.....	.....	23	32	83	43	Calm	NE 3	10	8	.....
7	.....	.....	22.5	31.5	82	57	Calm	NNE 1	3	9	.....
8	.....	.....	23.5	26.5	87	83	Calm	Calm	7	10	5.8
9	.....	.....	21.9	33.5	96	49	Calm	SE 3	2	6	.....
10	.....	.....	23.6	33	87	49	Calm	SE 2	7	7	.....
11	.....	.....	22.7	29.8	91	58	Calm	SE 2	2	8	.....
12	.....	.....	24	34.7	87	46	E 1	SE 2	1	4	.....
13	.....	.....	24.5	34.9	83	45	Calm	S 2	8	3	34
14	.....	.....	23.4	32.4	90	55	Calm	SW 2	7	6	.....
15	.....	.....	23.5	32.2	91	49	Calm	SW 2	8	3	.....
16	.....	.....	24.9	32.4	91	49	Calm	SW 3	8	7	.3
17	.....	.....	23.7	32.2	93	56	Calm	SW 1	8	5	16.8
18	.....	.....	23.7	33.8	92	50	Calm	SSW 2	9	3	.....
19	.....	.....	24.2	33.9	90	50	Calm	SE 2	8	4	.....
20	.....	.....	23.2	34	90	40	Calm	SSE 2	3	4	.....
21	.....	.....	22.8	32.4	91	55	Calm	SE 2	5	8	.....
22	.....	.....	21.7	34	80	45	Calm	ESE 2	6	3	.....
23	.....	.....	22.7	33.5	89	50	Calm	SE 2	3	3	.....
24	.....	.....	25	34	83	49	Calm	E 2	7	8	.8
25	.....	.....	23.8	32	89	57	Calm	SW 1	8	5	.....
26	.....	.....	24.5	31	87	65	Calm	W 1	8	8	.....
27	.....	.....	24	32	91	57	Calm	W 1	9	8	.....
28	.....	.....	24.4	30	91	65	Calm	NE 3	10	9	2.3
29	.....	.....	23.5	24.5	84	87	Calm	N 2	5	8	7.4
30	.....	.....	22.8	33	91	52	Calm	SSE 2	4	4	.....
31											
Mean	.....	.....	23.3	32.3	88	53	0	1.9	5.9	5.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	67.4

ANTIPOLO.

[$\phi = 14°\ 36'$ N; $\lambda = 121°\ 10'$ E.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	22.5	33.6	90	49	Calm	NW 2	4	2	.....
2	.....	.....	23	33.4	91	52	Calm	SW 2	10	8	.....
3	.....	.....	22.7	32.7	93	54	Calm	SW 1	9	8	.....
4	.....	.....	24.2	29	91	68	Calm	E 1	10	9	.....
5	.....	.....	24.5	32.8	87	51	Calm	E 2	9	8	.....
6	.....	.....	23.5	33	87	46	Calm	SW 2	8	7	.....
7	.....	.....	23.6	30.3	90	63	Calm	ENE 2	7	9	1
8	.....	.....	22.8	30	89	65	Calm	S 2	4	5	3
9	.....	.....	24	31.4	91	60	Calm	W 2	10	8	.....
10	.....	.....	24.5	29.5	90	64	Calm	WSW 2	9	10	.....
11	.....	.....	24	32.3	91	53	Calm	WNW 3	3	4	.....
12	.....	.....	24.2	32.3	93	53	Calm	WSW 2	9	4	.....
13	.....	.....	25.2	30.9	93	65	Calm	S 1	6	9	.....
14	.....	.....	24.8	33.5	92	53	Calm	S 2	8	3	3.3
15	.....	.....	23.5	34	94	48	Calm	E 2	7	5	.....
16	.....	.....	23.2	31.7	90	50	Calm	E 1	8	5	.....
17	.....	.....	22.7	34.5	88	48	Calm	S 1	1	6	.....
18	.....	.....	23.6	33	81	50	Calm	NW 1	3	4	.....
19	.....	.....	23	26.5	79	80	Calm	N 3	2	10	12.7
20	.....	.....	22.8	24.5	88	92	Calm	NE 1	1	9	16.3
21	.....	.....	23.2	32.5	90	52	Calm	NE 2	7	8	.....
22	.....	.....	22.5	29.5	91	71	Calm	N 2	4	9	5.1
23	.....	.....	24	25.7	90	86	Calm	NW 2	4	10	10.7
24	.....	.....	23	28	96	73	Calm	NE 1	10	9	3.3
25	.....	.....	23.5	30.4	96	65	Calm	E 3	10	8	1.3
26	.....	.....	23.6	29.9	95	68	Calm	SE 1	9	10	1.3
27	.....	.....	23	32.4	95	55	Calm	S 2	4	7	.....
28	.....	.....	23.5	30.5	96	68	Calm	SE 2	7	9	.....
29	.....	.....	23	33.9	96	50	Calm	SW 2	8	4	1
30	.....	.....	24.5	30	93	67	Calm	SSW 1	9	10	.....
31	.....	.....	23.5	25	96	92	Calm	N 1	9	9	5.6
Mean	.....	.....	23.5	30.9	91	61.6	0	1.7	6.7	7.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	64.6

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	23.5	30.8	94	64	Calm	SE 2	9	8	3
2	.....	.....	23.9	30.4	97	66	Calm	SE 1	10	10	7.9
3	.....	.....	22.9	25.5	89	91	Calm	N 2	4	8	8.6
4	.....	.....	23.4	29.7	96	63	Calm	E 2	8	8	.....
5	.....	.....	24	28.9?	87	80?	ENE 1	SE 2	3	3	.....
6	.....	.....	24.8	34	88	51	Calm	SSE 2	7	4	.....
7	.....	.....	23.9	29.4?	88	67?	Calm	SE 2	2	2	.....
8	.....	.....	23.5	34.2	87	47	Calm	SE 2	4	4	1.8
9	.....	.....	24.5	33.5	87	48	Calm	SE 3	4	4	.....
10	.....	.....	23.4	30.1	84	61	Calm	NE 1	3	8	.....
11	.....	.....	22.4	32.5	89	50	Calm	E 2	4	7	.8
12	.....	.....	24.4	34.4	87	44	NE 1	SE 3	7	9	.....
13	.....	.....	23.7	33.5	86	47	Calm	E 2	1	6	.....
14	.....	.....	23.8	34.4	87	41	Calm	SE 2	1	3	8.4
15	.....	.....	23.7	32.3	87	57	NE 1	SE 1	3	9	.....
16	.....	.....	23.5	33	91	54	Calm	SE 2	3	2	.....
17	.....	.....	23	32.4	91	58	Calm	WSW 2	6	7	25.4
18	.....	.....	23.5	31.8	97	61	Calm	SW 2	3	9	29.2
19	.....	.....	24	27.9	95	78	Calm	SW 2	5	10	1.3
20	.....	.....	24	30.5	91	65	Calm	WSW 2	2	3	.....
21	.....	.....	24.5	31	92	59	Calm	W 2	6	8	22.6
22	.....	.....	23.4	28.3	91	74	Calm	SW 1	7	10	12.2
23	.....	.....	21.7	30.1	97	60	Calm	SW 2	9	9	21.6
24	.....	.....	22.9	29.2	96	73	Calm	SSW 1	10	10	3.6
25	.....	.....	22.5	27.1	96	74	Calm	NE 2	10	9	8.4
26	.....	.....	22.7	28.1	97	73	Calm	SW 2	10	10	18.8
27	.....	.....	23.3	25.9	97	85	Calm	SE 1	10	10	4.1
28	.....	.....	22.5	30.4	96	68	Calm	SE 1	10	10	.....
29	.....	.....	23.6	33	91	54	Calm	SSE 2	6	3	.....
30	.....	.....	22.7	26.3	94	90	Calm	SW 2	4	8	14.2
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	.....	.....	23.5	30.6	91.5	63.4	0.1	1.8	5.7	7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	191.9

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	23	27	95	82	Calm	SW 1	10	10	10.6
2	.....	.....	23	29.8	97	71	Calm	SW 3	10	7	1
3	.....	.....	23.6	30	97	67	Calm	WSW 3	5	4	7.4
4	.....	.....	23.4	26	97	85	Calm	Calm	7	10	16.3
5	.....	.....	23.5	29.2	96	70	Calm	WSW 3	6	6	21.1
6	.....	.....	23.5	28	92	77	SW 1	SW 3	9	9	35.6
7	.....	.....	23.3	26.5	95	84	Calm	W 1	10	10	10.2
8	.....	.....	22.7	27.8	97	79	Calm	W 2	10	10	6.6
9	.....	.....	22.7	27.5	97	81	Calm	W 2	8	9	8.1
10	.....	.....	23.5	29.2	96	71	Calm	WSW 3	10	7	7.4
11	.....	.....	23.4	24	96	93	Calm	WSW 2	10	10	140.8
12	.....	.....	22.7	26.5	97	82	NW 1	SW 3	10	10	89.1
13	.....	.....	22.5	26	96	84	Calm	WSW 5	10	10	7.1
14	.....	.....	22.5	31	93	61	Calm	WSW 1	10	7	40.9
15	.....	.....	21	27.5	95	84	Calm	NW 1	10	10	7.6
16	.....	.....	22	26	96	88	Calm	Calm	7	9	48.8
17	.....	.....	22.5	26	98	84	SW 1	SSW 2	10	10	14.3
18	.....	.....	22.8	26	92	84	Calm	WSW 1	10	10	3.5
19	.....	.....	22.7	28.2	97	72	Calm	WSW 1	10	9	16
20	.....	.....	22.5	28.5	96	75	Calm	Calm	10	9	55.1
21	.....	.....	22	28.5	96	75	Calm	W 2	8	9	.8
22	.....	.....	23.6	30	95	60	Calm	SW 3	10	5	10.2
23	.....	.....	23.8	27.2	91	75	Calm	Calm	8	9	4.8
24	.....	.....	22	25	96	87	Calm	SW 3	9	10	9.4
25	.....	.....	22.3	26.4	95	76	Calm	SW 5	10	10	17.5
26	.....	.....	23	26.5	96	80	Calm	WSW 4	10	10	32
27	.....	.....	22.7	27	98	77	Calm	SW 3	10	9	12.7
28	.....	.....	23	22.7	96	98	Calm	NNW 1	10	10	28.9
29	.....	.....	24	24	99	96	Calm	SW 2	10	10	22.4
30	.....	.....	23.9	27.9	97	77	Calm	SW 4	10	10	10.9
31	.....	.....	23	27.2	97	77	Calm	SW 4	10	8	14.5
Mean	.....	.....	22.9	27.2	95.8	79.1	0.1	2.2	9.3	8.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	711.6

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	22.9	28	96	75	NNW 2	SW 3	10	8	9.4
2	.....	.....	23.4	29.1	97	71	Calm	SW 3	9	6	31
3	.....	.....	24	25.4	96	92	SW 2	WSW 2	10	10	54.9
4	.....	.....	23.9	25.4	97	90	Calm	WSW 1	10	10	24.3
5	.....	.....	23	30.5	97	63	Calm	NE 1	10	6	1.3
6	.....	.....	23.1	29	96	78	Calm	SW 1	3	8	.....
7	.....	.....	23.4	26.5	97	80	Calm	NW 1	9	9	8.4
8	.....	.....	23.5	30.5	96	68	Calm	ENE 1	9	9	10.2
9	.....	.....	23.4	29	97	74	Calm	N 2	9	9	3
10	.....	.....	23.5	28	96	77	Calm	SW 2	10	10	10.9
11	.....	.....	24	28	97	77	SW 1	SW 4	10	10	18.5
12	.....	.....	23	29	97	71	Calm	W 2	9	8	.....
13	.....	.....	23	30	97	65	Calm	WSW 1	10	10	.....
14	.....	.....	23	28.1	97	82	Calm	SW 1	4	10	12
15	.....	.....	23.4	30.7	94	68	Calm	NW 2	8	5	11.7
16	.....	.....	24.4	30.4	87	68	NNW 2	NW 2	10	9	2.8
17	.....	.....	24.4	23.4	91	91	NW 1	W 4	10	10	5.5
18	.....	.....	24.5	26.8	92	86	SW 3	SSW 3	10	10	45.7
19	.....	.....	23.5	27	96	82	SSW 2	SW 2	10	10	.8
20	.....	.....	23.7	28.3	93	78	Calm	WSW 2	10	10	1.3
21	.....	.....	23.3	31	97	60	Calm	W 1	8	8	.....
22	.....	.....	22.2	30.9	97	72	Calm	W 1	5	8	2.5
23	.....	.....	23	31.9	97	70	Calm	S 2	3	5	.3
24	.....	.....	22.2	24.4	97	91	Calm	N 2	3	8	16
25	.....	.....	22	29	98	74	Calm	SW 2	4	8	.....
26	.....	.....	23.4	31.3	97	61	Calm	WSW 1	9	6	.....
27	.....	.....	23.4	31.1	97	65	Calm	SW 1	6	3	3.6
28	.....	.....	23.6	30.7	97	64	Calm	SSW 1	8	9	3.8
29	.....	.....	22.6	24	92	91	Calm	SE 1	4	10	15.2
30	.....	.....	22.9	30	97	78	Calm	Calm	9	4	6.8
31	.....	.....	21.7	30.1	97	72	Calm	SW 1	4	9	5.8
Mean	.....	.....	23.3	28.6	95.8	75.3	0.4	1.7	7.8	8.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	305.7

ANTIPOLO.

[ϕ=14° 36′ N; λ=121° 10′ E.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	23	27.7	96	82	Calm	S 2	9	10	19.3
2	.....	.....	24	27.9	96	84	Calm	Calm	9	9	8.4
3	.....	.....	23.3	30.5	91	64	NE 1	W 1	8	6	1.8
4	.....	.....	23.4	28.9	93	74	Calm	SSW 1	10	10	31
5	.....	.....	23.8	26.4	97	84	Calm	Calm	10	10	48
6	.....	.....	23.1	27.5	97	84	Calm	SW 2	10	9	1.3
7	.....	.....	23.5	27.9	94	77	Calm	SW 1	10	8	4.3
8	.....	.....	24	28.4	96	77	Calm	W 1	10	10	1.8
9	.....	.....	24.2	27.5	97	82	Calm	SW 1	10	10	8.4
10	.....	.....	23.3	27.5	96	79	Calm	SW 3	8	10	2.5
11	.....	.....	23.5	25	90	92	SW 3	SW 1	10	10	15.3
12	.....	.....	23.8	28	93	80	Calm	SW 2	10	10	.5
13	.....	.....	21.7	30.4	97	59	Calm	SE 2	3	8	9.1
14	.....	.....	22.5	28.4	96	75	Calm	W 1	10	9	1.5
15	.....	.....	23	30	94	71	Calm	S 1	3	7	1.3
16	.....	.....	22.9	28	96	81	Calm	SW 1	9	9	2.8
17	.....	.....	22.8	27	97	81	Calm	SW 1	10	10	4.6
18	.....	.....	23	28.4	98	80	Calm	WSW 2	10	9	1.3
19	.....	.....	22.8	27	92	83	Calm	N 2	10	10	3.3
20	.....	.....	22.9	26.4	95	84	NE 1	W 1	10	9	.8
21	.....	.....	22.7	28.3	96	75	ESE 1	SE 1	10	10	.....
22	.....	.....	22.4	26.6	96	83	Calm	NE 2	9	9	4.6
23	.....	.....	22.4	29	98	74	Calm	SW 1	4	7	.....
24	.....	.....	23.4	26.4	97	88	Calm	S 2	10	9	22.9
25	.....	.....	23	24.9	97	92	Calm	NW 1	10	10	13.2
26	.....	.....	22.5	27.4	96	84	Calm	Calm	9	9	14.3
27	.....	.....	22.8	27	97	84	Calm	Calm	9	10	4.1
28	.....	.....	24	26.4	97	89	NW 1	SW 2	10	10	21.8
29	.....	.....	22.9	27	97	80	Calm	SW 2	9	10	6.4
30	.....	.....	23.2	26.5	97	83	Calm	SW 2	8	9	4.4
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	.....	.....	23.1	27.6	95.6	80.2	0.2	1.3	8.9	9.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	259

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	22.4	28.4	96	75	Calm	SW 2	8	8	11
2	.....	.....	22	29.9	96	72	Calm	S 1	4	9	52.3
3	.....	.....	22.7	25	97	95	Calm	N 1	10	10	6.4
4	.....	.....	22.4	23.5	96	90	Calm	NE 4	8	10	3.6
5	.....	.....	22.5	26.5	96	84	Calm	NE 1	10	10	30.5
6	.....	.....	23	28.4	99	77	Calm	SW 2	10	10	21.6
7	.....	.....	24	29.5	97	76	Calm	SW 3	9	9	103.1
8	.....	.....	24.3	26.5	97	91	SSW 2	SSE 1	10	10	47.5
9	.....	.....	21.8	26.1	98	86	NE 1	SW 1	10	10	10.7
10	.....	.....	22.9	25.5	97	95	Calm	NW 1	10	10	13.2
11	.....	.....	22.9	28.8	95	76	Calm	SE 1	10	10	.....
12	.....	.....	23.3	26.5	91	84	Calm	E 2	10	10	.....
13	.....	.....	23.3	25	92	91	Calm	SE 1	8	9	20.3
14	.....	.....	22.5	27.8	96	79	Calm	SE 2	6	10	2.5
15	.....	.....	22.7	26	96	91	Calm	NNW 1	8	9	1.8
16	.....	.....	22	27.5	98	84	Calm	Calm	8	9	1
17	.....	.....	21.5	27.6	95	76	Calm	NE 2	7	8	5.3
18	.....	.....	22	23	96	95	Calm	Calm	8	10	13.4
19	.....	.....	22.1	26	97	88	Calm	NW 2	8	10	8.4
20	.....	.....	22.2	28.1	97	81	Calm	N 2	3	6	17
21	.....	.....	22.3	26	96	92	Calm	NE 1	7	10	10.9
22	.....	.....	22.9	29.4	96	79	Calm	SW 2	9	9	18
23	.....	.....	22.9	26	97	87	Calm	Calm	10	10	6.3
24	.....	.....	21.7	28.4	97	85	Calm	Calm	10	9	1.8
25	.....	.....	22.5	30.5	96	67	ESE 1	SE 2	10	5	.8
26	.....	.....	21.9	29	96	76	Calm	NW 1	4	8	.....
27	.....	.....	22.2	29	96	74	Calm	S 1	4	8	.5
28	.....	.....	23.2	29.4	97	70	Calm	N 1	9	6	.....
29	.....	.....	21.5	28.6	91	82	N 1	N 1	2	8	4.3
30	.....	.....	23.1	30.5	97	65	Calm	NE 3	7	9	.....
31	.....	.....	22.6	30.9	94	62	Calm	SE 2	8	7	.....
Mean	.....	.....	22.6	27.5	96	81.5	0.2	1.4	7.9	8.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	412.2

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	22.8	30	93	66	Calm	NE 2	9	8	.....
2	.....	.....	21.4	29.7	95	64	Calm	NE 1	9	8	0.5
3	.....	.....	22.9	27	96	77	NE 1	NE 2	8	9	8.1
4	.....	.....	22.7	27.5	94	81	Calm	Calm	10	10	6.9
5	.....	.....	22.5	27.5	96	81	Calm	NE 2	10	10	3.6
6	.....	.....	22.6	25	93	93	Calm	W 1	10	10	13.3
7	.....	.....	23.2	24	92	96	N 1	Calm	10	10	20.6
8	.....	.....	22.3	24.4	96	90	Calm	NE 1	9	10	19.8
9	.....	.....	22.4	25.9	96	86	Calm	SW 1	10	10	4.3
10	.....	.....	23.2	29.5	91	64	NE 1	NE 2	10	7	.5
11	.....	.....	21.4	29.3	98	68	Calm	NE 2	3	4	25.4
12	.....	.....	22.3	27.5	97	72	Calm	NE 1	8	9	.....
13	.....	.....	21	29.5	94	68	Calm	SSW 2	8	8	.....
14	.....	.....	21	31.1	95	60	Calm	NE 2	10	9	.....
15	.....	.....	21.5	29.8	95	71	Calm	S 1	8	8	.....
16	.....	.....	22	27.9	96	68	Calm	NE 3	10	9	2.5
17	.....	.....	22	26.7	97	75	Calm	W 1	10	9	.5
18	.....	.....	22.5	26.8	96	77	Calm	NE 2	10	10	1.3
19	.....	.....	22.3	27.3	96	78	Calm	E 1	10	10	7.7
20	.....	.....	22.7	24.3	98	92	Calm	Calm	10	10	23.6
21	.....	.....	22.7	27.8	97	76	Calm	S 1	10	9	.5
22	.....	.....	21.4	25.8	97	88	Calm	W 1	10	9	9.4
23	.....	.....	22.8	24.3	98	97	Calm	SW 1	10	10	25.4
24	.....	.....	22.1	29.3	97	68	Calm	NE 1	9	7	33
25	.....	.....	22.4	24.2	98	96	Calm	W 1	10	10	60.4
26	.....	.....	21.9	28.3	96	75	Calm	SW 1	10	10	.8
27	.....	.....	21.9	25.5	98	88	Calm	N 2	4	9	1.8
28	.....	.....	22.4	26	96	80	Calm	NE 2	8	9	5.1
29	.....	.....	21.9	29	96	71	Calm	Calm	10	7	7.4
30	.....	.....	22	29.5	97	75	Calm	SE 1	8	3	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	.....	.....	22.2	27.3	95.8	78	0.1	1.3	9	8.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	282.4

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	22.2	29.5	96	70	Calm	SW 1	4	4	.....
2	.....	.....	22.7	29	97	74	Calm	SW 1	6	8	5.1
3	.....	.....	21.8	30.3	96	59	Calm	NE 3	8	3	1
4	.....	.....	22	24.5	98	91	Calm	E 1	10	10	4.3
5	.....	.....	21.4	29.5	96	62	Calm	NE 2	4	2	.....
6	.....	.....	21.9	27.5	96	69	Calm	NE 2	3	6	5.1
7	.....	.....	21.3	26	97	78	Calm	NE 2	10	9	4.5
8	.....	.....	20.5	28.5	96	70	Calm	ENE 1	10	8	13.7
9	.....	.....	21.8	23.1	97	97	Calm	SW 1	10	10	16.7
10	.....	.....	21.3	28.2	97	77	Calm	W 1	8	6	6.1
11	.....	.....	21.7	26.8	98	82	Calm	Calm	7	9	5.1
12	.....	.....	20.7	27.5	98	82	Calm	W 2	8	8	10.4
13	.....	.....	20.8	25.5	97	84	Calm	N 2	3	10	28
14	.....	.....	21	24.9	97	92	Calm	Calm	7	10	22.1
15	.....	.....	20.9	28.1	97	80	Calm	SW 2	8	8	8.6
16	.....	.....	22	24.5	96	87	Calm	W 1	10	10	2.8
17	.....	.....	21.2	25	98	92	Calm	Calm	9	9	8.9
18	.....	.....	21	29.8	98	64	Calm	ENE 4	10	4	3.6
19	.....	.....	21.9	24.4	96	90	Calm	Calm	10	10	43.1
20	.....	.....	21.9	27	96	80	NE 2	NE 2	10	9	1.5
21	.....	.....	21.3	29.7	97	69	NE 0	SE 2	8	6	1.8
22	.....	.....	22.4	26.5	96	83	Calm	S 1	10	10	21.6
23	.....	.....	21.9	27.3	96	75	Calm	NE 1	10	9	1
24	.....	.....	21.7	26.9	97	77	Calm	SW 1	10	9	.8
25	.....	.....	21.3	27.4	97	70	Calm	SW 1	9	9	.....
26	.....	.....	21.5	24.8	91	81	SW 1	SSW 1	10	10	.....
27	.....	.....	21	25.4	91	66	Calm	NE 4	10	9	.....
28	.....	.....	20.3	25.5	84	68	NE 1	NE 3	9	10	.....
29	.....	.....	20	26.4	91	76	Calm	Calm	9	10	.....
30	.....	.....	19	27.4	94	61	Calm	NE 4	9	9	.....
31	.....	.....	18.5	25.5	95	65	Calm	NE 3	9	10	.....
Mean	.....	.....	21.3	26.9	95.7	76.5	0.1	1.6	8.3	8.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	215.8

IBA.

[ϕ=15° 20′ N; λ=119° 58′ E; barometer above sea, 4.8 meters; gravity correction not applied, —1.69 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.20	56.82	21.7	31.3	96	64	E 1	WNW 2	10	4	.....
2..	58.85	58.10	23.8	28.9	95	78	Calm	NW 1	10	10	.....
3..	59.58	58.11	22.9	31.5	96	66	E 1	W 2	10	4	.....
4..	60.33	60.60	24	29.3	74	65	ESE 2	WNW 2	6	10	.....
5..	62.42	61.31	25	30.8	62	52	ESE 2	WNW 2	10	10	.....
6..	62.91	61.49	23	30.6	68	44	ESE 4	NNE 3	10	10	.....
7..	62.73	61.62	19.9	29.2	83	54	E 1	NNW 2	10	7	.....
8..	63.13	62.21	19.2	29.7	92	58	Calm	WSW 2	6	10	.....
9..	63.69	62.80	20.8	29.1	85	62	ESE 1	WNW 2	4	8	.....
10..	64.20	62.48	19	28.8	92	64	Calm	NNW 2	8	10	0.3
11..	63.43	61.82	22.6	30.5	65	52	SE 2	W 2	9	3	.....
12..	62.04	60.63	23	29.3	63	62	ESE 2	WNW 3	10	8	.....
13..	61.44	59.70	23.2	31	77	58	NE 1	WNW 2	10	8	.....
14..	60.63	59.65	21.1	29.4	88	68	ESE 1	NNW 2	4	9	.....
15..	60.63	59.06	20.3	29.5	94	69	Calm	NW 2	10	8	.....
16..	59.83	58.81	23	30.3	74	56	ESE 2	WNW 2	10	2	.....
17..	60.22	58.86	19.3	29.7	92	67	NE 1	WNW 3	3	4	.....
18..	60.21	57.16	19.2	28.7	96	64	N 1	WNW 3	8	10	.....
19..	59.24	57.27	20.1	28.5	95	64	Calm	NW 2	10	10	.....
20..	58.46	56.76	20.2	29.9	92	62	Calm	W 2	10	8	.....
21..	58.23	57.27	22	30.5	83	62	NE 1	WNW 2	10	10	.....
22..	58	57.12	23.8	29.8	73	63	ESE 2	WNW 2	10	10	0.6
23..	59.03	57.66	22.6	30.2	88	64	Calm	NW 2	10	10	.....
24..	58.78	57.91	20.9	29.4	95	66	Calm	WNW 2	10	9	.....
25..	58.98	58.45	23.3	28.8	71	63	ESE 2	NW 2	10	10	.....
26..	60.06	58.26	19.9	30.2	95	60	Calm	WNW 2	7	8	.....
27..	59.74	58.17	24	28.7	83	69	Calm	NNW 2	10	9	.....
28..	59.11	57.89	21.7	31.1	92	62	Calm	NW 2	10	9	.....
29..	58.94	58.01	20.8	29.4	94	58	Calm	WNW 3	6	7	.....
30..	59.46	58.50	22.1	29.4	75	56	E 1	NW 2	10	10	.....
31..	59.71	57.60	20.3	30.1	95	56	Calm	NW 4	10	3	.....
Mean	60.39	59.10	21.7	29.8	84.6	61.5	0.9	2.2	8.7	8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	....	....	0.9

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.18	57.93	17.7	28.7	95	58	NE 1	WNW 3	10	8	.....
2..	58.61	58.17	19.6	28	87	65	ENE 1	NW 2	10	10	.....
3..	59.49	59.01	19.9	30	90	55	Calm	W 2	10	10	.....
4..	60.51	59.88	20.8	28.9	89	61	Calm	NNW 2	10	10	.....
5..	61.27	60.42	20	28.1	93	68	ENE 1	W 2	10	9	.....
6..	61.73	61.05	22.2	28.9	72	59	ESE 2	WNW 2	10	10	.....
7..	61.84	60.33	21	29.5	81	65	ESE 2	NNW 2	10	9	.....
8..	61.48	60.11	20	30.1	95	63	Calm	NNW 3	10	2	.....
9..	61.39	59.57	21	29.5	95	59	NNW 1	NNW 5	8	3	.....
10..	60.78	59.08	21.2	31	78	53	ESE 3	WSW 2	8	4	.....
11..	61.42	59.70	21	29.6	75	58	ESE 2	WNW 4	8	4	.....
12..	61.74	60.53	18.5	30.2	95	62	ESE 1	NW 4	10	9	.....
13..	61.42	59.72	18	29	95	58	NNE 1	WNW 2	10	10	.....
14..	61.39	60.08	22.4	30.5	58	50	ESE 5	NNW 3	10	4	0.5
15..	61.41	60.43	23.1	28.9	63	61	ESE 3	NW 2	10	10	.....
16..	60.88	59.35	21.9	29.6	90	61	Calm	W 2	10	10	.....
17..	59.78	57.88	21.7	31.2	94	58	Calm	NW 3	10	3	.....
18..	58.14	57.05	22.5	30	87	66	Calm	WSW 3	10	10	.....
19..	57.56	56.66	20.5	29.9	95	65	Calm	NW 3	10	4	.....
20..	58.62	58.20	23	30.7	88	59	Calm	SW 2	10	7	.....
21..	60.14	59.75	23.9	30.4	57	49	ESE 4	NW 2	10	10	.....
22..	60.66	59.58	23	30.4	61	51	ESE 4	WNW 3	10	5	.....
23..	60.46	58.88	22.4	29.9	72	58	ESE 3	W 3	10	6	.....
24..	59.07	58.07	18.3	29.7	95	59	NE 1	W 2	10	4	.....
25..	58.60	57.26	20.9	31.6	92	56	E 1	WNW 3	10	5	.....
26..	58.33	56.76	19.6	31.9	94	58	Calm	NW 3	10	5	.....
27..	57.95	56.02	20.2	30.9	96	55	Calm	W 3	10	2	.....
28..	57.56	56.91	20.2	31.5	92	55	Calm	NNW 2	10	6	.....
Mean	60.05	58.87	20.9	30	84.8	58.8	1.3	2.7	9.8	6.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	....	....	0.5

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.26	57	18.9	30.8	93	60	ENE 1	WNW 2	10	3	.....
2..	57.59	56.23	21.2	30.9	93	59	Calm	WSW 3	10	8	.....
3..	58.83	56.78	20.9	31.6	94	52	Calm	NW 3	10	3	.....
4..	57.49	56.03	21.1	32.2	92	54	Calm	NW 3	10	8	.....
5..	57.99	56.81	21.1	31.5	94	60	N 1	NW 2	10	9	.....
6..	58.74	57.35	21.5	32.3	94	63	W 1	WNW 3	10	8	.....
7..	58.54	57.58	22.8	30.5	95	65	Calm	WNW 2	10	10	.....
8..	58.35	56.26	21.8	31.7	85	59	ESE 2	NW 3	10	5	.....
9..	57.91	57.11	20.7	32.2	91	58	E 1	WNW 2	10	4	.....
10..	58.88	56.86	22	31.4	95	59	Calm	WNW 3	10	7	.....
11..	57.92	57.26	25	31.6	64	55	ESE 4	WNW 2	7	10	.....
12..	58.18	56.90	20.4	31.9	91	54	Calm	WNW 3	10	10	.....
13..	58.32	57.16	24	32	75	50	SE 3	WNW 2	10	10	.....
14..	58.87	58.57	24.4	30.4	76	61	ESE 2	WSW 2	10	10	.....
15..	60.12	59.32	24.8	30.1	71	60	SE 2	WSW 2	10	7	.....
16..	60.20	58.45	24	31.6	67	57	E 1	W 2	10	7	.....
17..	59.86	58.32	23.9	29.7	79	60	Calm	NW 2	10	10	.....
18..	59.22	58.79	23.4	31.8	91	60	Calm	WNW 3	10	10	.....
19..	59.72	58.25	20.9	31	92	59	E 1	WNW 2	10	9	1
20..	59.34	58.82	21.5	31	93	59	Calm	W 2	10	10	.....
21..	59.76	59.09	20.1	31.4	95	59	Calm	W 2	10	7	.....
22..	60.78	59.82	21.5	32.5	91	56	ESE 1	NW 3	7	3	.....
23..	59.86	59.12	19.9	30.9	93	56	E 1	WNW 3	10	7	39.6
24..	59.13	58.57	24	30.2	78	54	ESE 1	ESE 2	10	10	.....
25..	59.62	58.85	23.4	30.6	83	57	E 1	N 2	10	10	10.7
26..	59.23	58.49	24	29.9	75	59	ESE 1	ESE 2	10	10	.....
27..	59.81	59.50	21.4	30.6	93	65	Calm	NW 2	10	7	.....
28..	60.43	60.21	21.4	30.7	94	62	Calm	WNW 2	10	10	.....
29..	61.51	60.30	21.4	30.3	95	66	Calm	WNW 3	10	10	.....
30..	60.32	58.96	22	30.5	91	66	ESE 1	NW 2	10	10	.....
31..	59.76	58.75	22.8	30.4	91	65	NNE 1	WNW 2	10	10	.....
Mean	59.18	58.11	22.1	31.1	87.2	59	0.8	2.4	9.8	8.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	....	....	51.3

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.73	58.50	22.8	31	91	64	ESE 1	W 3	10	7	.....
2..	59.18	57.69	22	31.1	96	66	Calm	WNW 3	10	10	.....
3..	58.62	57.54	24	30.5	91	71	Calm	WNW 3	10	10	.....
4..	58.83	57.72	23.7	31.5	94	64	Calm	WNW 3	10	9	.....
5..	59.28	58	21.9	31.5	96	65	E 1	NW 3	7	10	.....
6..	58.24	57.50	22	31.4	95	63	ENE 1	W 2	10	10	11.7
7..	58.26	57	22.2	31.4	96	63	Calm	W 3	10	7	.....
8..	57.46	56	22.7	31	94	65	NNE 1	WSW 3	10	7	44.4
9..	57.63	56.86	22.1	31.1	96	65	Calm	WSW 2	10	7	.....
10..	58.31	56.96	23.9	31.3	94	64	NNE 1	WNW 2	10	3	.....
11..	56.96	55.65	23.5	31.4	91	66	Calm	SW 2	10	3	.1
12..	56.60	55.10	24.9	31.2	84	64	SE 2	SSW 2	10	2	.....
13..	57.16	56.66	24.5	30.9	87	64	SE 2	SSW 2	10	3	.....
14..	58.38	57.20	22.8	31.1	95	68	Calm	WSW 2	10	7	.....
15..	58.62	56.30	23.6	30.6	95	68	SSE 1	WSW 2	8	2	.....
16..	57.61	56.14	23	31.1	95	69	Calm	WSW 2	10	10	.....
17..	57.47	57.05	22.5	32.2	95	61	NW 1	WNW 2	10	10	.....
18..	57.85	56.39	23.1	32.5	95	63	NNE 1	SW 2	10	10	.....
19..	57.42	56.81	23.5	30.2	94	66	Calm	NNE 2	10	10	.....
20..	57.35	56.54	26	30.3	84	68	Calm	SW 2	10	10	.....
21..	57.27	55.62	23.9	32.1	92	64	ENE 1	W 2	10	10	.....
22..	57.16	55.70	22.5	32.4	92	60	Calm	WNW 2	10	10	.....
23..	56.60	56.19	22.7	32.5	94	61	Calm	WSW 2	10	3	.....
24..	57.70	56.75	22.6	33.4	95	55	Calm	NNW 2	10	6	.....
25..	58.02	56.64	23.7	33	91	61	Calm	NNW 2	10	8	.....
26..	57.88	56.65	24.1	32.6	94	64	Calm	W 3	10	10	9.2
27..	57.60	57.05	24	32.2	95	64	Calm	WNW 2	10	10	.....
28..	57.33	56.12	22.6	32.5	95	68	Calm	WNW 3	10	10	.....
29..	57.25	55.45	22.6	32.4	95	66	Calm	WNW 2	10	10	.....
30..	56.77	56.06	25.5	32.4	80	64	ESE 1	WSW 2	9	10	.....
Mean	57.82	56.66	23.3	31.6	92.7	64.5	0.5	2.3	9.8	7.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	....	....	65.4

IBA.

[ϕ=15° 20′ N; λ=119° 58′ E; barometer above sea, 4.8 meters; gravity correction not applied, —1.69 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1..	57.20	56.44	22.2	32.5	95	65	E 1	NW 4	10	10	.....
2..	58.12	57.04	23.8	32.4	93	63	Calm	WNW 3	10	8	.....
3..	57.05	55.80	22.8	32.4	95	62	Calm	WNW 3	10	10	.....
4..	57.81	56.44	22.5	32.9	94	54	Calm	NNW 3	10	5	.....
5..	57.57	56.29	25.9	32.5	83	63	SE 1	SW 2	10	10	.....
6..	57.78	56.87	25.1	31.6	89	65	ESE 1	WSW 2	10	10	0.1
7..	57.23	56.86	25	24.9	91	91	Calm	Calm	10	10	23.9
8..	57	56.84	24.2	31.4	94	65	SE 2	SSW 3	10	10	.....
9..	57.56	57.29	25	30.3	83	74	ESE 2	SSW 1	10	10	.....
10..	57.51	57.68	24.4	27.5	90	81	E 2	SW 1	10	10	24.1
11..	57.14	56.44	23.9	32	96	66	E 1	SSW 2	9	10	1.1
12..	57.91	57.16	24	31.8	93	69	SE 1	WSW 1	10	10	.....
13..	58.08	57.36	25	30.2	95	70	SSE 1	WSW 2	10	10	14.7
14..	59.25	57.90	24	32.1	97	68	S 1	W 2	10	5	.....
15..	60.20	58.21	24.5	31.9	94	68	Calm	WSW 2	10	10	.....
16..	59.40	57.89	24.4	32.3	92	62	Calm	W 2	10	3	.....
17..	59.10	58.19	23	32	90	54	E 1	W 2	7	4	.....
18..	59.72	58.41	23	32.6	95	68	ENE 1	WNW 2	4	3	.....
19..	59.40	57.82	22.5	32.4	95	60	ENE 1	WNW 3	10	2	.....
20..	57.48	56.92	22.2	33.4	93	62	ESE 1	W 3	10	7	.5
21..	57.25	56.94	23	31	95	68	Calm	SW 2	10	9	1.3
22..	57.98	57.42	24.1	27.4	95	84	Calm	E 1	9	10	54.4
23..	58.58	58.51	23.4	27.9	97	78	E 1	NE 1	10	10	1.3
24..	58.52	56.99	23.6	31.6	95	68	SE 1	W 3	10	4	26.2
25..	58.06	56.27	23.5	30.3	95	70	ESE 1	SW 2	10	10	11.7
26..	57.56	57.27	24.4	28.4	92	78	SE 2	S 3	10	10	.3
27..	58.27	57.62	24.4	31.4	85	68	SE 2	SSW 3	8	6	.3
28..	58.20	56.37	24.6	31.7	95	68	Calm	SSW 2	10	7	5.1
29..	58.06	56.32	24	31.5	96	70	E 1	SSW 2	10	10	.....
30..	57.68	56.76	24	31.4	95	70	SW 1	SSW 3	10	10	.....
31..	57.96	57.65	24.5	27.8	96	89	Calm	ENE 2	10	10	45
Mean	58.08	57.16	23.9	31	93	69.1	0.8	2.2	9.6	8.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	210

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and fource (0-12). 6 a. m.	Wind, direction and fource (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1..	58.36	56.90	24	30.4	96	72	E 1	SSW 2	10	9	3.6
2..	57.98	56.67	24.4	29.6	95	74	E 1	SSW 2	10	10	.....
3..	56.96	56.26	24.5	32	94	66	Calm	WNW 2	10	10	.....
4..	56.86	56.44	24.2	33	95	63	E 1	WSW 3	10	7	.....
5..	57.63	57.20	24	32.6	95	66	Calm	WSW 2	10	10	11.7
6..	58.44	57.62	24.5	27	96	84	ESE 1	N 2	10	10	34.5
7..	58.18	57.24	24	32.4	96	66	ESE 2	WSW 2	10	9	.....
8..	57.92	57.26	24.5	32.3	89	63	E 1	WNW 2	10	9	29.5
9..	58.48	57.36	23.4	32.2	96	68	E 1	SW 2	10	8	47.5
10..	58.52	57.57	24.1	30.5	89	65	Calm	SSW 1	10	10	8.7
11..	58.16	56.50	23.2	32.5	95	60	ESE 1	NNW 2	10	6	.....
12..	57.13	56.11	25.9	33.9	77	51	SE 1	SSE 2	10	10	.....
13..	57.19	55.70	25.3	34	80	59	SE 2	WNW 2	10	7	.....
14..	57.70	56.16	23.5	32.7	91	60	Calm	W 3	10	7	1.5
15..	58.69	57.82	24.4	31.9	92	64	Calm	W 2	10	7	.....
16..	57.95	56.45	25	32.5	88	66	ESE 2	W 2	8	4	7.4
17..	57.47	55.61	25	32	95	70	Calm	SW 2	10	7	9.4
18..	56.87	56.37	24.2	31.5	95	68	E 1	SW 2	7	9	1
19..	58.15	57.88	24	27	95	88	ESE 1	SW 2	10	10	19.2
20..	58.34	58.40	24.1	28.9	91	76	ESE 2	S 2	10	10	.6
21..	58.19	57.16	24.4	31.4	91	70	E 1	S 2	10	9	33
22..	57.66	56.98	24.4	26	91	84	S 3	SSW 1	10	10	21.1
23..	56.74	56.39	23.1	30.8	92	68	SW 2	S 3	10	9	14
24..	58.06	57.16	23.3	28.4	93	76	ESE 2	SSW 1	10	10	.....
25..	57.25	55.81	24.2	29.9	87	72	ESE 3	SE 2	10	10	52.6
26..	56.13	55.14	22.9	27	94	89	Calm	E 1	10	10	5.4
27..	56.14	56.69	24.4	26	88	92	ESE 2	SE 2	10	10	92.2
28..	58	57.92	23.4	31.1	95	65	SE 3	SSE 3	10	10	16.5
29..	58.77	57.63	24	30.1	91	69	SE 1	SSW 1	10	9	.....
30..	57.79	57.23	24.2	30.1	95	80	Calm	ESE 2	10	9	13.7
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.72	56.85	24.2	30.7	91.9	70.5	1.2	2	9.8	8.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	423.1

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1..	57.52	56.88	23.4	30.7	95	72	Calm	S 2	10	10	7.1
2..	56.87	56.57	24	30.3	95	72	ESE 1	WSW 2	10	10	10.7
3..	56.42	56.32	24	26.9	93	82	ESE 2	ESE 2	10	10	4.8
4..	56.08	55.99	23.6	26.2	97	92	ESE 1	SSE 1	10	10	43.1
5..	55.23	55.18	23.9	25.9	96	91	ESE 1	NE 2	10	10	37.6
6..	55.17	55.09	23.9	24.6	96	96	ESE 1	ENE 1	10	10	80.3
7..	55.92	55.93	23.5	28.4	96	75	Calm	SSW 2	10	10	2.5
8..	55.72	55.91	24.4	26.9	91	86	Calm	ESE 2	10	10	9.2
9..	55.32	55.35	24.3	27.4	93	86	ESE 1	SSE 2	10	10	30.2
10..	55.78	56	23.9	26.4	96	82	ESE 2	Calm 10		10	9.6
11..	55.53	55.76	23.6	24.4	97	96	ESE 1	ESE 1	10	10	88.1
12..	55.20	55.05	23.4	24.4	97	93	ESE 1	WSW 4	10	10	100.4
13..	54.22	55.34	26.4?	27.2	88?	85	SSW 2	SSW 3	10	10	66
14..	55.51	55.60	23.5	23.4	97	92	ESE 2	E 2	10	10	41.9
15..	56	55.26	23.4	30	90	74	ESE 2	S 2	10	10	4.3
16..	56.17	54.80	23	30.5	96	65	ESE 1	WNW 2	10	10	22.3
17..	54.55	55.15	23.4	23.9	96	92	Calm	SSW 1	10	10	78
18..	54.23	54.64	23.7	24.5	96	96	SSE 2	SE 1	10	10	102.4
19..	55.40	55.95	23.5	23.4	96	95	SSE 2	E 2	10	10	51.5
20..	55.95	57.34	24	24.7	96	92	ESE 2	ESE 2	10	10	95.5
21..	56.83	57.05	23.4	30.2	92	77	SE 1	S 2	10	10	36.6
22..	57.90	57.89	23.5	28	93	77	ESE 1	SSE 1	10	10	23.6
23..	58.94	58.52	22.1	30.4	96	72	Calm	SSW 2	10	10	6.6
24..	58.17	58.58	23.5	27.8	93	74	ESE 1	SSE 2	10	10	15.7
25..	56.83	56.84	23	26.8	91	84	ESE 1	ESE 2	10	10	32.3
26..	56.98	56.58	24	26	95	90	ESE 1	SSW 1	10	10	39.8
27..	56.37	55.98	23.4	27.1	97	82	ESE 1	SSW 2	10	10	25.2
28..	55.48	56.08	23.5	25.2	96	93	ESE 2	S 1	10	10	34.8
29..	56.18	56.04	24.5	25	97	93	SSW 2	ESE 1	10	10	27.7
30..	56.50	56.54	23.8	28	97	83	ESE 1	SSW 3	10	10	30.4
31..	56.90	56.54	24.2	29	91	78	S 2	WSW 3	10	10	22.1
Mean	56.12	56.15	23.7	26.9	94.7	84.4	1.2	1.8	10	10	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,180.3

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1..	57	57.28	23.8	24.5	97	92	ESE 2	WSW 3	10	10	27.9
2..	56.80	57.04	24.6	26.6	95	94	Calm	SE 2	10	10	17.3
3..	56.89	56.86	24.9	28.8	97	79	SW 1	S 1	10	10	65
4..	56.55	56.06	24.4	27.6	96	77	SE 1	SE 2	10	10	102.6
5..	57.64	57.36	24.3	30.5	88	71	ESE 2	SSW 2	10	10	14.5
6..	57.60	56.43	23.3	30.2	97	69	ESE 2	S 2	10	9	.....
7..	57.38	57.04	23.9	26.3	96	91	SSE 1	NNE 1	10	10	6.5
8..	57.03	55.55	23.9	31.4	96	72	ENE 1	W 2	10	10	14.5
9..	57.13	55.97	23	30.9	96	67	NNW 1	W 2	10	10	1.8
10..	57.58	56.33	24.5	28	96	83	NNE 1	WNW 1	10	10	20.6
11..	55.43	55.50	26.5?	28.2	91?	83	WSW 3	WSW 3	10	10	27.7
12..	57.18	57.12	24.4	31.4	94	73	ESE 1	S 2	10	10	2.3
13..	58.04	56.73	23.5	30.5	90	75	ESE 1	SSW 1	10	10	.....
14..	57.32	56.36	23	31.2	96	70	S 1	WNW 2	10	2	.....
15..	56.58	55.92	23.3	29.4	96	76	Calm	NW 3	4	10	.....
16..	54.84	53.80	26	30.3	83	68	NNW 3	NNW 4	9	10	2.5
17..	53.10	52.73	25.9	26.6	93	87	NW 2	WNW 4	10	10	50.2
18..	52.68	52.71	24	30.1	97	80	N 1	SW 2	10	10	63.8
19..	55.26	55.38	25	28.8	95	82	SE 2	S 3	10	10	87.3
20..	57.18	56.52	24	26.9	97	88	ESE 2	ESE 1	10	10	32
21..	58.13	58.15	23.9	29.2	96	74	ESE 2	SSW 2	10	10	.....
22..	58.78	58.40	22.5	31.4	96	71	ESE 1	WSW 2	10	7	.....
23..	58.83	58.47	23.5	31.9	96	72	Calm	WNW 2	9	7	3.3
24..	59.48	59.07	22	30.4	95	69	SE 1	WSW 2	7	10	9.9
25..	59.56	58.19	23.4	30.1	95	75	E 1	WSW 2	10	10	1.5
26..	58.43	57.35	23.7	31	96	69	ESE 1	WNW 2	10	8	.....
27..	57.99	57.06	24	31.5	96	73	ENE 1	WNW 2	10	7	2
28..	58.43	57.25	25	30.4	96	77	E 1	WNW 1	10	10	2.8
29..	57.64	55.56	23.3	28	94	82	ESE 2	N 2	10	10	.....
30..	55.52	54.59	23.5	31.4	96	67	ESE 1	SW 2	8	7	.....
31..	54.92	53.96	23.9	32	97	71	SE 1	W 1	10	7	.....
Mean	57	56.35	24	29.5	94.8	76.7	1.3	2	9.6	9.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	556

IBA.

[$\phi = 15°\ 20'$ N; $\lambda = 119°\ 58'$ E; barometer above sea, 4.8 meters; gravity correction not applied, —1.69 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	54.91	53.90	24	31	97	75	ENE	1	S	4	10	10	.....
2	55.09	54.47	25	25.9	88	92	SSE	2	S	4	10	10	74
3	55.28	55.24	24.1	26.7	95	87	ESE	2	ESE	2	10	10	40.1
4	56.29	55.07	23.9	31.5	96	68	SSE	2	SE	1	10	10	37.8
5	56.39	56.52	24	27	93	84	SE	1	NNW	1	10	10	9.4
6	56.95	56.37	23.8	30	97	73	Calm		SW	2	10	10	3.3
7	56	55.78	24	25.5	91	93	ESE	2	SSW	2	10	10	17.2
8	55.72	54.98	24.5	29.9	95	78	ESE	2	SSW	2	10	10	6.9
9	56.52	56.05	24	28.2	97	88	ESE	1	Calm		10	10	42.4
10	57.07	55.84	23.2	26.7	97	86	NNE	1	NNW	2	10	10	17.6
11	55.89	55.59	24.9	25	96	95	NNW	1	NW	2	10	10	79
12	56.93	56.90	24.2	29.6	97	75	SE	2	SSE	2	10	10	21.9
13	57.78	57.43	23	30	95	71	ESE	2	SSW	2	10	10	.3
14	57.98	57.80	23	28.5	96	81	NE	1	SSW	2	10	10	11.2
15	59.36	57.78	23.5	30.5	95	70	SE	1	W	2	10	5	.3
16	58.33	57.18	23.1	30	96	71	NNE	1	WNW	2	10	10	.....
17	57.12	56.21	23.5	30.6	96	70	NNE	1	SE	1	10	10	.....
18	58.55	57.91	22.5	29.5	96	76	ESE	2	S	1	10	10	.....
19	59.06	57.53	23.4	31.3	95	70	Calm		SW	2	10	10	7.1
20	57.80	56.82	22.5	31.9	96	69	E	1	WNW	2	10	10	4.1
21	57.51	56.96	24	31.4	91	65	ESE	2	ESE	3	10	10	.....
22	58.75	57.93	22.5	30	96	70	S	1	NNW	2	8	10	.5
23	57.70	56.85	22.5	30.7	96	70	ESE	1	WSW	2	10	10	.....
24	57.97	56.31	23.1	30.2	96	68	Calm		SSW	2	10	9	1
25	56.08	54.95	23.2	29	95	78	ESE	3	S	3	10	10	6.1
26	55.59	55.89	23.5	26.3	96	90	SSE	2	SSE	2	10	10	8.6
27	57.07	55.87	24	28	95	80	ESE	2	SW	2	10	10	14.7
28	56.12	55.81	23.9	27.7	97	82	Calm		SW	3	10	10	36.1
29	56.72	56.67	23.8	26.4	97	86	ESE	2	SSE	3	10	10	38.8
30	57.44	57.11	23.1	30	97	74	ESE	1	S	1	10	10	21.3
31	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	57	56.32	23.6	29	95.3	77.8	1.3		2		9.9	9.8	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	499.7

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	59.05	57.13	23.4	29.5	97	73	WSW	1	WSW	2	10	10	1.8
2	58.12	56.68	23.2	29.4	94	76	SSE	3	SSW	3	10	10	63.8
3	57.95	56.68	22.5	30.6	97	76	ESE	1	WNW	2	10	10	12.7
4	57.49	55.85	23.4	30.9	97	72	Calm		W	2	10	8	51.8
5	55.87	54.45	22	30.4	96	73	ENE	1	WNW	2	10	10	.....
6	53.47	51.58	23.6	30	97	81	NNW	1	W	2	10	10	.3
7	51.93	51.09	24	30.7	96	78	E	2	WNW	2	10	10	.1
8	53.27	52.137	24.8	31	95	69	Calm		N	3	10	10	4.6
9	56.14	55.97	23.9	26.9	96	86	ESE	1	SSE	3	10	10	2.8
10	57.05	56.03	22.4	29.4	96	71	Calm		WNW	2	10	10	.....
11	57.92	56.88	24	29.3	91	76	SE	1	SSW	2	10	10	.....
12	58.22	57.42	24	29.4	96	85	SSW	1	WNW	2	10	10	2.5
13	59.42	57.42	22.5	31.2	96	70	E	1	WNW	2	10	4	1
14	59.01	57.57	24	28.5	96	81	ESE	2	SSW	1	10	10	1.5
15	57.64	57.31	23.1	29.5	92	77	SE	2	NW	2	10	10	.....
16	58.09	56.28	23.5	31.6	94	66	ESE	2	W	3	10	10	17.5
17	56.69	54.91	22.1	31.1	96	67	ESE	1	NW	2	10	5	7.4
18	56.40	55.37	22.9	31.7	94	66	SSE	1	WNW	2	10	4	.....
19	57	55.91	22.5	30.9	95	69	ESE	1	SW	1	10	10	.3
20	57.48	56.02	23	30.4	91	64	Calm		WNW	2	10	10	7.6
21	57.31	55.85	23.2	31.5	97	68	Calm		WNW	2	10	7	7.6
22	57.32	56.11	23.9	31	96	71	E	1	WNW	2	10	8	5.8
23	58.01	57.38	23.5	26.5	97	91	Calm		ESE	1	10	10	9.1
24	57.93	56.62	23	29.5	97	72	ENE	1	WSW	1	10	7	23.4
25	57.58	55.62	23.2	31.5	97	68	ESE	1	WSW	2	10	4	5.6
26	56.76	55.62	24	31	95	68	ESE	2	WSW	2	10	10	.....
27	56.66	55.58	24.4	29.6	96	74	Calm		WNW	1	10	10	.....
28	57.64	56.52	22.7	31.1	97	68	ESE	1	WSW	2	10	7	.....
29	58.72	57.50	22.9	32.1	97	67	Calm		WSW	2	10	7	.....
30	58.02	56.82	23	32.2	95	61	ENE	1	WNW	2	10	8	.....
31	57.38	56.40	24	31.9	83	63	ESE	2	WNW	2	10	6	.....
Mean	57.15	55.89	23.3	30.3	95.1	72.5	1		2		10	8.5	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	227.2

NOVEMBER.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	56.91	56.35	23	32	87	60	E	1	W	2	10	10	.....
2	57.40	56.11	21.6	31.4	95	60	S	1	WNW	2	10	9	.....
3	57.59	56.37	22	32	94	59	SE	1	WNW	2	10	7	0.5
4	58.43	57.24	23.6	26.6	90	78	SE	2	SE	2	10	10	1.3
5	59.21	57.38	25.4	31.9	77	59	SE	2	WNW	2	10	10	.....
6	58.68	58.38	24.4	27.4	83	74	ESE	2	ESE	2	10	10	.....
7	58.71	57.18	25.2	26.7	74	79	ESE	2	ESE	3	10	10	1.6
8	59	58.06	24.4	32	84	60	ESE	1	WNW	2	10	10	2.3
9	57.85	56.38	22.4	30	91	75	SE	1	WNW	2	10	10	.8
10	56.97	55.75	24.4	31.9	89	63	ESE	2	WNW	2	10	10	.5
11	56.83	56.32	21.8	31.4	96	63	NE	1	W	2	10	9	5.2
12	58.95	57.53	23.7	31.5	97	66	SE	1	WNW	2	10	10	.....
13	59.50	58.56	23.9	31.5	73	66	ESE	2	WNW	3	10	7	.....
14	58.75	57.23	21.2	30.9	95	64	E	1	WNW	2	5	7	.....
15	57.80	55.88	21.7	31	96	64	ENE	1	WNW	3	10	10	.....
16	57.59	55.87	23.4	30	77	69	ENE	2	WNW	2	10	10	.....
17	57.95	56.06	22	30.9	90	59	ESE	1	WSW	1	10	10	.....
18	56.98	55.81	24	30.5	81	59	ESE	2	SE	1	10	10	.1
19	56.33	55.16	24	28.9	93	73	ESE	1	SE	1	10	10	.....
20	57.17	56.83	25.3	28.5	76	80	ESE	2	SSE	2	10	10	1.5
21	58.78	58.12	22.4	30	96	71	Calm		WNW	2	10	10	.....
22	59.63	57.98	22.5	28.5	92	78	ESE	1	NNE	1	10	10	.....
23	58.44	56.71	22.6	29.6	91	64	E	1	SE	2	10	10	11.2
24	57.56	55.63	22.8	31.6	95	66	ESE	1	WNW	2	10	10	11.2
25	57.59	55.93	23.2	25.8	97	75	Calm		SE	3	10	10	9.1
26	57.75	56.55	23.6	29.8	86	72	E	2	ESE	2	10	10	1
27	57.80	56.48	21.5	30.9	95	62	ESE	1	WNW	2	10	7	4.8
28	59.12	58.21	23	27.2	97	86	SSE	1	NNW	2	10	10	2
29	59.81	59.43	23	26.9	97	86	Calm		NNE	2	10	10	1.5
30	59.70	57.93	21.7	30.6	96	70	ESE	1	W	2	10	5	.....
31	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	58.16	56.91	23.1	29.9	89.3	68.7	1.2		2		9.8	9.4	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	54.6

DECEMBER.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	59.27	57.88	22.1	30.8	96	67	Calm		W	2	10	7	.....
2	59.68	57.96	21.4	29.3	96	74	NW	1	WNW	2	5	10	5.6
3	59.49	58.71	21.4	29.5	96	68	NNE	1	WNW	2	8	10	13.7
4	60.14	59.10	20.8	29.9	94	67	ESE	1	WNW	2	9	6	9.7
5	60.33	58.56	20.9	29.3	95	72	ESE	1	WNW	2	10	10	.....
6	59.01	56.72	21.9	29.1	96	71	Calm		NW	2	10	10	.1
7	57.40	55.83	23	26.4	95	76	NNW	3	NNW	3	10	10	.....
8	56.99	55.48	19.7	28.5	97	71	Calm		WNW	2	10	10	.....
9	56.81	56.34	21.1	29	95	64	Calm		SSE	2	10	10	.....
10	57.65	56.01	21.6	29.8	96	70	SSE	1	WNW	2	10	6	.....
11	56.84	55.98	21.6	30.3	96	69	WNW	1	WNW	2	10	10	.5
12	56.97	56.92	23.5	28.9	90	78	ESE	2	W	2	10	10	.....
13	57.73	57.12	21.9	30	96	74	Calm		NNW	2	9	9	.8
14	58.34	57.58	21.5	30.8	97	69	WNW	1	NW	2	10	10	.8
15	58.44	57.28	21.5	30.2	97	69	E	1	W	2	10	9	.3
16	57.79	56.48	21.9	29.9	96	72	NNE	1	WNW	2	10	10	.....
17	57.88	56.51	21.5	30.1	96	74	Calm		WNW	2	10	10	25.9
18	58.33	57.70	21.5	30.4	97	66	ENE	1	WNW	2	10	10	.....
19	59.38	58.40	22.1	30.7	95	63	Calm		WNW	2	10	7	.....
20	58.10	57.52	22.9	28.3	89	72	Calm		ESE	1	10	10	.5
21	58.61	56.77	21	28.4	96	77	ESE	1	WNW	2	10	10	.....
22	58.65	57.26	22	29.7	96	71	E	1	WNW	2	9	10	.8
23	58.03	56.99	22.4	30.5	95	68	E	1	WNW	2	10	9	.....
24	58.15	56.31	22.9	29.8	96	71	E	1	WNW	3	10	10	5.3
25	57.13	55.72	21.3	29.6	96	67	ESE	1	WNW	2	10	10	.....
26	56.81	56.34	24	28.4	66	63	ESE	2	NE	1	10	10	.....
27	57.39	56.59	22.6	29.4	74	58	ESE	2	WNW	2	10	10	.....
28	57.84	57.23	22.2	28.6	65	57	ESE	2	W	2	10	10	.....
29	58.59	57.26	22.1	30	73	56	ESE	2	W	2	10	7	.....
30	58.73	57.75	21.4	27.9	95	68	Calm		WNW	1	10	10	.....
31	59.12	57.80	22.9	29	60	55	ESE	3	WNW	2	10	10	.....
Mean	58.25	57.10	21.9	29.4	90.9	68.3	1		2		9.7	9.4	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	64

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.01	57	23.8	33	93	56	SE 2	SE 4	7	8	.....
2	58.79	58.06	23.7	31.5	96	71	SE 1	NW 4	10	4	.....
3	59.22	58.67	26.6	29.6	83	71	N 4	N 4	10	2	11.7
4	60.71	60.86	21.1	30.7	95	63	SE 2	NNW 4	2	7	.....
5	62.71	61.63	22.7	32.5	81	48	SE 4	SE 5	2	10	.....
6	63.23	62.20	22.6	30.6	74	50	SE 5	SE 5	10	10	.....
7	62.78	62.19	22.6	29.6	74	62	SSE 4	NNW 4	3	10	.....
8	63.08	62.73	23.6	29.2	83	66	NNE 3	N 4	10	10	.....
9	63.74	63.44	22.2	30.2	89	58	SE 2	N 4	8	10	.....
10	64.37	63.12	24	29.5	88	59	NNE 2	N 4	10	10	.....
11	63.91	62.42	22.6	30.2	74	55	SSE 4	NNW 4	7	2	.....
12	62.50	61.22	22	29.7	79	51	SSE 3	E 4	10	10	.....
13	61.84	60.20	24.1	31.2	80	58	SSE 3	E 4	10	8	.....
14	60.76	60.10	21.5	31.5	91	60	SE 2	NNW 4	6	1	.....
15	60.77	59.53	24.5	27.2	92	77	NNE 2	N 4	10	10	2
16	59.76	59.34	24.1	30.5	79	59	SE 3	N 4	10	1	.....
17	60.24	59.52	20.1	30.4	91	63	SE 2	NNW 4	1	6	.....
18	60.48	58.12	25	29	73	64	N 6	N 5	10	10	.....
19	59.41	57.84	22.6	30.6	86	62	SE 3	N 4	10	2	.....
20	58.50	57.42	22.9	31.9	84	55	SE 3	N 4	6	7	.....
21	58.20	57.69	21.2	30.6	93	62	SE 2	NNW 4	10	10	.....
22	58.53	57.12	22	31.5	86	48	SE 3	E 4	3	9	.....
23	59.13	58.14	21.3	31	91	59	S 1	N 4	7	9	.....
24	58.68	57.91	24.6	31.9	92	48	SE 2	E 4	10	9	.....
25	58.98	58.77	22.9	31.1	75	51	SE 4	E 4	10	10	.....
26	60.23	58.81	21.2	32.5	90	49	SE 2	N 4	10	3	.....
27	.....	58.47	....	30	....	59	.....	W 1	....	9	.....
28	59.20	58.64	24	28.6	91	66	N 1	NE 3	8	2	5.1
29	59.36	58.85	25	28.4	90	66	N 1	NW 2	3	3	.....
30	59.58	58.46	20.6	29.5	87	50	Calm	SE 1	3	7	.....
31	59.74	58.67	22.8	27.8	89	70	Calm	N 3	6	5	1
Mean	60.55	59.59	22.9	30.4	85.6	59.2	2.5	3.8	7.4	6.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19.8

FEBRUARY.

Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
59.23	58.68	20	30.1	83	46	Calm	NE 1	2	3	.....
58.86	58.58	20.7	30.2	81	55	Calm	N 1	2	9	.....
59.75	59.43	20.5	29.5	80	60	Calm	N 1	3	8	.....
60.50	60.21	23	29	81	59	SE 1	N 1	4	4	.....
61.05	60.83	21.2	30.4	87	58	Calm	N 2	4	2	.....
61.39	61.28	22.9	30.3	70	47	SE 2	NE 2	1	1	.....
61.84	60.58	22.6	31.2	82	50	Calm	NE 1	2	3	0.8
61.40	60.71	23.5	30.8	85	56	Calm	N 1	2	2	.5
61.74	61.49	25.1	27.3	76	66	N 4	N 4	9	5	.....
60.88	59.68	21.5	32.1	79	36	Calm	SE 1	2	1	.....
61.18	60.26	22.2	29	67	48	SE 2	NE 1	3	4	.....
61.61	61.59	21.7	29.8	85	62	SE 1	NW 2	1	4	.....
61.42	60.56	24.8	28.5	71	68	N 2	NE 1	2	1	.....
61.53	59.38	23	28.5	96	69	SE 1	SE 1	1	1	.....
61.40	59.26	22.5	31.5	75	47	Calm	NE 1	2	3	.....
59.78	58.61	26	29.6	96	69	NE 1	N 1	7	9	.....
59.05	58.61	25.1	28.6	79	66	N 1	N 1	9	2	.....
57.87	57.13	22.2	29.2	82	68	Calm	NW 1	1	7	.....
57.34	57.13	21.7	30.1	94	61	SE 2	N 2	3	3	.....
58.77	58.62	24.6	29.4	75	62	N 1	N 2	1	1	.....
60.34	59.80	22.9	30.5	72	48	SE 2	N 2	2	1	.....
61.09	59.81	22.5	30	70	44	SE 3	NE 2	2	1	.....
60.55	59.22	20.9	29.1	83	57	Calm	N 2	1	0	.....
59.13	58.17	21.7	31	81	48	SE 1	SE 2	1	0	.....
58.31	57.17	23	31.2	81	58	SE 1	N 2	1	1	.....
58.27	56.76	24.2	33.8	80	40	SE 1	N 2	2	1	.....
57.75	55.98	23.7	32.3	87	46	Calm	N 2	2	1	.....
57.38	56.91	23.8	31.6	86	56	SE 1	N 2	1	2	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59.98	59.16	22.8	30.2	80.9	55.4	1	1.6	2.6	2.9	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.3

MARCH.

mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
58.37	56.81	23.1	30.2	89	66	SE 1	N 2	2	3	.....
57.66	56.25	22.3	30.9	90	60	Calm	W 3	1	4	.....
58.70	57.03	24	32.7	85	52	SE 1	N 2	1	1	.....
57.73	56.37	24.2	30.7	88	65	Calm	N 2	4	1	.....
57.84	56.46	24	33.9	90	49	SE 1	N 2	2	2	.....
58.45	57.67	25.3	33	80	52	SE 1	N 2	4	1	.....
58.66	57.47	26.1	31.2	83	63	N 1	N 2	5	1	.....
58.14	56.27	22.3	33	83	54	Calm	N 3	0	1	.....
58.12	57.10	23.4	32.6	83	57	SE 1	N 2	2	2	.....
58.75	57.27	25.6	31.2	87	62	SE 1	N 2	4	1	.....
58.40	57.60	22.3	33.7	81	44	Calm	NNE 2	4	5	.....
58.16	56.98	24.8	33.5	74	48	SE 1	N 2	6	4	.....
58.23	57.33	23.5	31.8	89	53	Calm	SW 2	7	3	.....
59.11	58.21	23.8	33.7	90	47	Calm	N 2	4	8	17.3
60.76	59.38	23.5	31	90	62	NE 1	N 2	10	4	5.6
60.53	58.73	22.5	31	89	58	Calm	N 2	4	1	.....
59.72	57.94	24	32.7	80	48	SE 1	SE 2	4	4	.....
59.25	58.78	26	32.3	85	60	Calm	N 2	5	1	.....
59.21	58.11	23.5	31.5	85	65	Calm	N 2	1	1	.....
58.79	58.20	24.1	31.6	92	60	Calm	N 2	1	1	.....
59.22	58.36	23.7	32.7	91	52	SE 1	N 2	1	2	.....
60.29	59.64	24	32.7	80	58	SE 1	N 2	1	1	.....
59.17	58.74	22	32.5	93	54	SE 1	NNW 2	1	2	.....
58.87	58.11	24.5	31.8	79	53	SE 2	NNE 2	10	4	46.7
59.75	58.36	23.8	30	91	66	Calm	N 2	9	4	5.1
58.82	57.95	23.5	30	85	65	SE 2	N 2	10	9	16.3
59.05	58.36	23.6	30	92	71	SE 2	NW 2	3	2	.....
59.92	59.94	25	31.2	76	67	NNE 2	NW 2	2	3	.....
60.74	60.32	25.5	29.6	83	75	Calm	N 3	2	2	.....
59.75	58.97	22.6	29.5	95	75	Calm	N 3	2	2	.....
59.20	58.31	25.8	30.3	85	63	N 3	N 2	4	2	.....
59.01	57.97	23.9	31.7	85.9	58.8	0.8	2.1	3.7	2.6	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	91

APRIL.

mm.	*mm.*	*°C.*	*°C.*	*Pct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
59.10	58.38	22.7	31.2	97	66	Calm	N 2	1	1	.....
58.86	57.92	23	31	95	71	Calm	N 2	1	1	.....
58.17	57.38	26.4	31.2	87	69	N 2	N 3	10	5	3
58.48	57.53	25.7	30.8	89	73	N 1	NW 2	6	3	.....
58.44	57.84	25.5	32.1	94	68	Calm	N 2	9	4	.....
57.98	57.35	25.1	31.5	96	68	Calm	NW 2	2	1	.....
57.95	56.89	23.5	32.1	96	64	Calm	NNW 2	2	1	.....
57.28	55.86	25	31.7	97	66	Calm	NNW 1	2	1	.....
56.99	56.70	24.5	32.8	87	68	SE 1	W 2	1	1	.....
57.89	56.71	24.8	32	93	63	Calm	N 2	3	1	.....
56.52	55.47	24.5	31.8	92	62	Calm	W 2	1	2	.....
55.98	54.62	25.3	33.5	86	58	Calm	NW 2	8	4	1.3
56.26	56.09	24.6	33.6	93	60	SE 1	NW 2	2	4	23.9
57.99	56.78	24	31.5	91	66	SE 1	W 2	8	2	.....
57.87	56.06	24.5	31	94	68	SE 1	NW 2	2	1	.....
56.75	56.10	24	31.9	95	65	Calm	NW 2	1	1	.....
56.78	56.60	26.2	30	95	55	Calm	S 2	4	7	.....
56.88	56.20	25.4	32.6	86	57	Calm	NNW 2	4	3	.....
56.98	55.76	25.1	32	91	61	Calm	W 3	2	7	10.7
56.70	56.06	25.5	32.5	94	61	Calm	W 3	2	2	.....
56.75	55.57	25.6	32.1	92	66	Calm	NW 2	2	2	.....
56.70	55.54	25	32.4	92	64	Calm	W 2	2	2	.....
56.48	55.65	25.1	33.9	92	60	S 1	W 3	1	2	.....
56.83	56.74	27.6	33.1	86	63	NE 2	NNW 3	3	1	.....
57.64	56.75	24.1	33.4	94	60	Calm	NW 2	3	1	.....
56.96	56.09	24.4	32	95	67	SE 1	W 3	1	1	.....
56.54	56.35	24.8	33	95	63	Calm	W 3	2	2	2.5
56.74	56.21	28	32.9	85	63	N 3	NNW 3	7	5	.....
56.81	55.36	24	32.6	97	65	SE 1	NW 3	2	4	.....
55.96	55.69	24.9	28.6	92	76	S 1	N 2	4	8	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
57.24	56.41	25	32	92.3	64.5	0.5	2.3	3.3	2.7	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41.4

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 7.06 meters; gravity correction not applied, —1.65 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	56.42	56.22	27.2	31	87	69	N 3	N 4	7	4	.....
2	57.28	56.75	25	32.8	95	64	Calm	NNW 2	10	1	.....
3	56.60	55.30	23.5	32.3	97	66	Calm	NW 2	2	1	.....
4	56.94	56.14	27.2	33.3	84	62	N 1	NW 2	4	1	.....
5	57.20	56.31	24.4	25.6	97	92	Calm	S 4	4	7	6.9
6	56.89	56.54	25.3	30.5	98	68	S 1	NW 2	10	5	.....
7	56.69	55.95	24.9	27	98	92	S 1	SW 2	9	6	10.9
8	56.54	56.09	24.7	32.3	99	69	Calm	W 3	7	6	3
9	56.71	56.66	25.2	30.2	98	78	SE 1	S 4	6	8	15.5
10	57.29	56.90	24.5	27.6	99	87	SW 2	SSW 2	10	8	42.5
11	56.70	55.45	24.5	31.8	97	61	S 1	SW 2	4	7	5.8
12	56.88	56.49	25	31.6	97	75	Calm	W 3	5	4	2.3
13	57.59	56.66	25.2	32	97	71	SE 1	W 2	7	6	.....
14	58.41	57.45	25.9	31.7	94	70	SE 1	NW 2	6	4	.....
15	59.37	57.55	25.3	32.5	96	68	Calm	NW 2	4	2	6.1
16	58.81	57.46	24.6	32.3	97	71	SE 1	NNW 2	5	3	.....
17	58.60	57.86	24.9	32.2	96	69	Calm	NNW 2	8	3	.....
18	59.33	58.50	26.7	31.9	91	63	SE 1	NW 2	2	2	.....
19	58.64	57.31	26	32.6	96	59	SE 1	NW 3	2	2	.....
20	56.62	55.77	25.5	32.5	93	63	SE 1	NW 2	1	3	.....
21	56.44	55.82	24.7	32.4	94	63	SE 1	NNW 2	1	2	.....
22	57.23	56.31	25.2	31.5	93	69	SE 1	W 2	5	4	.....
23	57.85	57.27	23.9	32.6	96	62	Calm	NW 2	4	8	.....
24	57.73	56.60	25.2	32	95	69	Calm	NW 3	7	4	5.1
25	57.29	55.33	25.3	31.7	98	73	Calm	NW 3	10	6	59.7
26	56.72	56.59	24.3	26	97	90	Calm	W 2	6	7	11.2
27	57.48	56.90	25	32.2	97	69	S 1	WSW 2	5	5	2
28	57.55	55.59	26	32.5	97	66	Calm	NE 1	8	4	5.6
29	57.38	56.16	25.6	31	98	72	Calm	NW 2	9	8	1
30	56.45	56.48	25.2	26.9	97	91	Calm	Calm	3	8	29.2
31	57.13	56.29	26	32.6	98	73	SE 1	N 2	5	4	11.2
Mean	57.38	56.54	25.2	31.1	95.7	71.4	0.6	2.3	5.7	4.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	218

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.61	56.11	25.8	27	98	95	SE 1	WNW 2	4	7	13.4
2	57.16	55.85	25.3	31.3	98	73	Calm	W 2	9	4	13.5
3	56.30	55.80	25.5	31.3	94	73	SE 1	NW 2	6	7	.....
4	56.09	55.77	25.1	32.1	98	69	SE 1	WSW 3	3	3	.....
5	56.85	56.79	25.8	27.5	97	87	SSE 1	W 2	3	6	3
6	57.54	56.71	25.6	30.8	98	80	SE 1	WSW 2	3	5	7.6
7	57.60	56.43	26	32	92	71	SE 1	NW 2	9	4	.....
8	57.08	56.66	25.7	32.1	89	66	SE 1	W 2	4	4	11.7
9	58.01	56.56	23.8	31.4	97	67	SSE 1	W 4	5	6	.....
10	57.35	57.02	26	33.5	97	64	SE 1	N 2	3	6	.....
11	57.34	55.85	25.1	33	95	60	SE 1	SE 2	3	3	.....
12	56.27	55.76	26.2	33.4	79	57	SE 3	SE 3	1	5	.....
13	56.51	54.85	25	34.4	87	51	S 1	SE 3	1	1	.....
14	56.98	55.61	25.9	34.6	85	54	SE 2	SE 2	2	2	8.4
15	57.79	57.12	25.5	31.4	96	70	Calm	NW 3	2	2	9.9
16	57.19	55.84	24.3	32.5	97	65	Calm	NW 2	2	3	.....
17	56.19	55.02	26	28.4	95	89	SE 1	Calm	7	6	.3
18	56.76	55.32	25.1	32.3	96	72	S 1	W 3	1	5	3
19	56.78	56.62	25.5	28.8	93	83	S 1	SW 3	7	7	5.1
20	57.35	57.53	25	27.1	97	85	SE 1	SW 3	7	10	11.2
21	57.26	56.06	24.8	32.3	97	68	SSE 1	SW 3	7	7	.5
22	56.71	55.66	25.5	26.5	95	96	Calm	SW 2	10	8	17.6
23	55.80	55.42	24.6	29.3	97	79	SE 2	Calm	7	7	18.6
24	56.80	55.66	24.5	31.8	96	69	SE 1	SW 3	6	5	.....
25	56.21	55.02	25.5	30.9	96	72	S 1	NW 2	10	8	1.3
26	55.01	54.07	24.6	28.4	98	80	SE 1	SW 1	5	7	7.6
27	55.01	55.62	24	25.6	97	95	SE 2	SW 2	9	10	29.5
28	56.75	56.95	24.4	27.9	97	89	SE 3	Calm	10	9	11.2
29	57.71	56.83	24.5	31.2	97	71	SE 2	SW 2	10	5	.....
30	57.25	56.23	25	30.7	97	76	Calm	N 1	3	5	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	56.84	56.02	25.2	30.6	94.8	74.2	1.1	2.1	5.3	5.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	173.4

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	56.73	55.68	27	30	92	82	Calm	SE 1	7	8	.....
2	55.63	55.64	25	25.7	97	94	Calm	WSW 2	3	10	19.3
3	55.77	55	24.9	27.4	98	94	Calm	NE 1	2	6	20.8
4	55.21	54.27	25	28.4	98	87	Calm	SW 3	9	8	.5
5	53.98	53.70	24.5	26.6	94	95	SSE 2	SW 2	8	9	25.6
6	53.82	53.78	24.9	26	96	96	SSE 2	S 3	7	10	45.2
7	54.27	54.16	24.5	30.6	97	81	SE 2	SW 3	10	10	.....
8	54.52	53.99	24.9	31.9	98	70	SSE 2	S 2	10	7	.....
9	54.58	53.86	25.3	31.6	96	72	S 2	SW 3	7	6	4.1
10	54.61	54.76	24.5	27	96	89	S 1	SE 2	8	10	13
11	55.20	54.59	24	25.4	98	97	S 1	E 1	10	10	110.2
12	53.96	52.99	23.9	24.4	97	97	SE 2	SW 5	10	10	87.1
13	52.67	53.29	24.8	28.3	98	85	SE 3	S 2	10	10	19.9
14	54.04	54.22	24.9?	24.2	89?	98	SE 2	SE 2	10	10	10.2
15	55.18	54.42	23.7	29.2	91	78	SE 2	SSW 2	10	10	.....
16	55.78	54.18	23	31.4	98	76	Calm	NNE 2	9	5	2
17	53.28	52.87	25	24	97	97	SW 1	SW 2	10	10	86.4
18	52.68	52.94	24.6	24.7	95	97	SE 3	SE 2	10	10	98.8
19	53.64	53.92	23.9	23.6	97	97	SE 2	SSE 3	10	10	26.7
20	54.49	55.56	23.9	25.1	97	96	SE 3	SE 2	10	10	29.7
21	55.57	56.64	24	24.5	97	94	SE 2	SSW 3	10	10	9.9
22	56.97	57.13	24	26.2	95	94	SE 2	SSW 2	10	10	.3
23	58.26	57.52	24.6	31.6	97	60	SE 1	WSW 3	8	4	18.3
24	57.31	56.98	24.3	29.5	97	75	S 1	SW 2	7	9	.....
25	55.71	55.63	24.4	30	97	77	SE 1	S 3	10	9	1.3
26	55.85	55.08	24.9	30	91	75	SW 2	SSW 2	9	10	2.3
27	55.01	54.48	24.4	30	97	81	SSE 2	SSW 1	9	10	7.4
28	54.67	54.38	24.2	27.2	97	86	S 1	SW 3	10	10	.....
29	54.75	54.34	24.6	26.8	97	90	S 1	SW 1	10	10	.....
30	55.05	55.42	24.9	25.2	96	98	SSE 2	SSW 1	9	10	79
31	55.48	54.88	23.3	27.4	97	92	SSE 2	SW 1	7	9	21.6
Mean	54.99	54.72	24.5	27.5	96	87.1	1.5	2.2	8.7	9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	739.6

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	55.31	55.60	24.2	28.1	98	87	SE 2	SW 3	9	10	1.8
2	55.66	55.53	24.5	27.1	96	93	SE 2	SW 2	7	9	7.6
3	55.90	55.48	24.9	30.6	98	77	SE 1	SSW 3	10	10	.3
4	55.75	54.92	24.7	24.5	97	96	SSE 2	SW 2	10	10	38.6
5	56.35	55.44	24	28.4	97	75	SE 2	SSW 2	10	10	9.9
6	57.11	56.64	24.5	30.1	89	77	SE 2	NW 2	9	8	.....
7	56.95	55.91	25	31.5	95	72	Calm	NNW 2	8	7	.....
8	56.43	54.73	25.7	31.2	94	73	Calm	WNW 3	9	4	21.6
9	56.69	55.46	23.9	31.4	96	72	Calm	N 2	5	7	.....
10	56.75	55.65	24.9	31	92	71	SSW 1	WNW 3	7	7	30.5
11	54.07	53.80	25.6	27.4	93	91	WNW 4	W 3	10	10	54.6
12	55.54	55.67	24.9	30	96	80	SE 2	SW 3	10	7	15.2
13	57.12	55.65	24.2	32.5	93	67	S 1	SSW 2	10	9	.....
14	56.50	55.72	23.5	31.6	96	75	SSW 1	N 2	2	3	.....
15	56.19	55.53	26.6	31.3	89	75	NW 1	NW 3	3	3	.....
16	54.58	53.75	27.2	26	86	92	NNW 2	NNE 2	6	10	2.8
17	52.35	51.18	26.2	30.3	93	80	NW 2	W 2	10	10	4.8
18	51.45	51.08	25	29.6	92	79	SW 2	SW 3	10	10	3.8
19	54.14	54.11	23.9	25	92	95	SE 2	SE 1	10	10	106.7
20	55.44	55.02	24.8	30.6	97	76	SSE 1	SE 3	10	10	4.1
21	57.57	57.07	23.3	30.2	94	74	SSE 2	SW 2	10	10	.....
22	58.10	57.83	24.9	31.2	96	75	Calm	NW 1	7	6	.....
23	58.41	58.13	25.2	31.9	95	70	Calm	NW 2	3	4	2.8
24	58.89	58.16	24.7	32	96	72	Calm	N 2	4	3	.5
25	58.84	57.15	25.2	29.4	97	78	SE 2	WNW 1	5	4	1.3
26	57.50	56.40	25	31.9	95	73	SSE 1	NW 2	7	6	3
27	57.25	56.18	25.5	32	94	71	Calm	NW 2	6	2	.....
28	57.73	56.34	27.3	32.5	93	73	SE 1	N 2	8	5	5.8
29	56.84	54.80	26.1	32.5	95	71	Calm	N 2	7	4	1
30	54.93	53.97	24.6	32.5	95	67	Calm	NW 2	4	5	37.8
31	54.37	53.46	24.8	32	95	72	SE 1	WNW 2	3	4	.....
Mean	56.15	55.37	25	30.2	94.3	77.4	1.2	2.2	7.4	7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	354.5

Note: Beginning with the morning of May 19 the height of the barometer above sea level was 7.06 meters.

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 7.06 meters; gravity correction not applied, —1.65 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	54.35	53.61	25	30.5	96	79	Calm		W	2	9	8	12.2
2..	54.35	53.44	25.4	30.7	95	69	SE	2	S	3	9	9	2.3
3..	54.28	54.44	25	26	1 95	86	SE	2	S	2	10	10	19.5
4..	55.27	54.23	24.1	31	96	72	SE	2	SSW	2	10	8	.....
5..	56.25	55.41	25	28.2	95	80	SSW	1	W	2	10	7	.....
6..	56.06	55.29	24	29.8	96	78	Calm		SW	3	7	6	6.4
7..	55.54	54.58	24.9	29.1	95	83	ESE	1	E	2	5	8	2.8
8..	54.94	53.96	25	32.2	94	73	SE	1	SW	1	8	6	5.1
9..	55.80	54.82	25	30.8	95	77	SE	1	NW	2	10	7	33
10..	56.15	54.79	23.8	29	97	81	SW	1	WNW	2	10	10	61.5
11..	54.94	53.41	24	27.9	96	88	SW	2	W	2	10	10	72.9
12..	56.06	55.67	24	30.6	98	76	SE	1	SW	2	10	10	8.4
13..	57.02	56.28	24.3	31.2	97	73	SE	1	W	2	3	5	12.4
14..	57.49	57.12	24.7	31.5	97	75	N	1	E	2	4	7	.....
15..	58.72	56.96	24.6	30.5	97	72	SW	1	W	2	6	7	.....
16..	57.79	56.33	24.9	32.3	95	73	SE	1	N	2	7	6	.....
17..	56.30	55.55	25	32.5	96	63	SSE	2	ESE	2	3	10	.....
18..	58.04	56.83	24.6	32.4	95	64	SSE	1	NW	2	6	10	.....
19..	58.59	56.58	24.2	32.9	97	66	SE	1	NW	2	8	3	.....
20..	57.28	56.08	24.6	32.2	95	68	SE	1	WNW	2	6	7	.....
21..	57.14	56.91	25	29.5	92	77	SE	1	WSW	2	7	8	.3
22..	57.98	56.85	24.6	32.1	95	64	SE	1	NW	2	7	5	12.7
23..	57.11	55.90	24.4	31.4	96	70	SE	1	NW	3	3	4	.....
24..	56.84	54.86	24.5	31.1	94	73	SE	2	W	3	5	7	29.7
25..	55.30	53.93	24.6	31.5	97	75	SE	1	NW	2	6	8	41.1
26..	54.99	54.98	24.4	28.2	97	89	SE	2	S	2	7	10	17.3
27..	56.48	54.87	25.4	31	97	76	SSE	2	NE	2	9	7	8.9
28..	55.27	54.26	24.5	29	96	85	SE	1	ESE	2	10	7	3.3
29..	55.55	55.13	24.7	30.8	96	72	Calm		SW	3	8	7	.....
30..	56.41	55.87	24.8	28.7	95	84	SE	1	SW	2	10	9	9.1
31..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	56.28	55.30	24.6	30.5	95.7	75.4	1.2		2.1		7.4	7.5	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	358.9

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	57.46	56.29	24	29.7	97	79	SE	1	WNW	3	10	7	6.6
2..	57.57	55.78	24.4	30.2	97	75	S	1	SW	3	7	8	3.6
3..	57.39	56.05	24	31	95	72	SSE	1	N	1	10	5	35.6
4..	56.70	54.86	24.5	31.3	96	73	Calm		W	3	10	4	24.1
5..	55.18	53.36	22.8	31.3	97	73	Calm		W	2	6	8	.....
6..	52.69	50.73	26 1	30.2	94	74	Calm		NE	3	10	10	.....
7..	51.49	50.67	27.5	31	88	75	ENE	1	N	4	10	7	.....
8..	53.13	52.51	27	29.6	87	78	NNE	5	NNE	4	9	10	1
9..	55.31	55.18	25.4	30.7	93	72	Calm		N	1	10	6	9.6
10..	55.90	55.78	24.2	28.9	97	78	Calm		NE	1	10	10	.3
11..	57.03	56.70	24.9	26.6	96	89	S	1	W	2	10	10	8.4
12..	57.55	57.54	25	30.6	96	76	Calm		NE	1	10	6	1
13..	58.52	57.42	24.4	30	95	75	Calm		E	1	10	6	5.8
14..	58.29	57.20	24.9	25.1	96	92	SE	1	SW	2	8	10	21.8
15..	57.29	56.32	23.9	31	96	79	SE	1	NW	2	7	7	7.4
16..	57.57	55.90	24.1	31.8	97	70	SE	1	N	2	9	5	.....
17..	56.39	54.87	23.3	31.8	94	69	Calm		N	2	3	2	.....
18..	56.39	54.96	23.9	31.9	94	70	SE	1	NW	2	3	6	.....
19..	56.36	55.40	24.3	32.7	96	66	SE	1	NE	2	7	7	.....
20..	56.81	55.33	24.4	32.4	93	68	SE	1	NW	2	8	6	.....
21..	56.56	55.61	24.5	32.2	96	69	SE	1	N	2	4	4	.3
22..	56.54	55.46	25	31.9	96	70	SE	1	NW	2	10	7	1
23..	57.10	56.10	24.9	31.8	96	72	S	1	N	2	7	8	.8
24..	57.31	55.60	24.5	32.8	96	68	SE	1	W	2	6	6	1
25..	56.80	55.01	25.4	32.6	97	64	SSE	2	W	2	5	4	8.9
26..	56.08	55.03	25.1	31	96	75	SE	1	WSW	2	6	9	.3
27..	56.04	54.43	24.9	30.5	96	75	SSE	1	SW	3	9	7	.5
28..	56.75	56.31	25	32.6	96	69	SE	1	W	2	5	6	1.3
29..	58.58	57.06	24.6	33	96	64	Calm		NE	2	7	6	.....
30..	57.89	56.64	24.3	33.5	94	62	SE	2	SE	2	7	3	.....
31..	57.04	56.30	24.1	32.5	96	67	SE	1	N	2	3	2	.....
Mean	56.51	55.37	24.7	31	95.1	72.8	0.9		2.1		7.6	6.5	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	139.8

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	56.97	55.89	23.8	32.4	96	66	SE	1	NNE	3	3	3	.....
2..	57	55.94	24	33 5	95	56	SE	1	ESE	2	4	2	.....
3..	57.41	56.49	22.6	32.6	95	65	S	1	N	2	3	3	.....
4..	57.95	57 51	23.1	29.5	89	68	SE	2	SE	3	5	10	.....
5..	58.76	57.46	24.6	30.6	92	73	SE	2	SSE	1	10	10	.....
6..	58.46	58.10	23.8	32.7	94	58	S	1	SE	2	7	6	.....
7..	58.10	57 16	23.8	30.2	85	69	SSE	2	SE	2	7	8	.....
8..	58.85	57.43	24.5	32.7	91	60	SE	1	S	1	6	6	.....
9..	57.66	55.61	23.3	32.7	93	62	SSE	1	NW	2	4	5	.....
10..	56.64	55 68	25.4	31.5	95	66	SE	1	NNE	2	9	6	.....
11..	56.62	55.85	23.8	32	86	67	Calm		NE	3	4	4	.....
12..	58.45	56.83	24.5	31.3	94	64	SE	1	N	3	6	3	.....
13..	59.04	58.55	22	31.6	91	65	S	1	NW	2	3	2	.....
14..	58.11	56.83	22.8	31.5	95	64	SSE	1	NW	2	5	6	.....
15..	57.50	56.31	26.5	29.5	85	84	N	4	NNW	4	7	9	.....
16..	56.86	55.58	22.9	32	92	72	S	1	N	2	8	5	.....
17..	57.37	56.08	22.5	32	94	62	SE	1	N	2	8	7	.....
18..	56.85	55.68	23.9	32.2	94	59	S	1	NW	2	9	6	.....
19..	55.66	55.19	25.8	29.7	82	71	NE	2	N	2	10	10	.....
20..	56.89	56.38	22.6	31.8	95	64	SE	1	NNE	2	10	9	5.6
21..	58.46	58.08	22.6	30.9	95	70	SE	1	N	2	4	7	.....
22..	58.85	58.15	24.4	28.3	95	75	S	1	SE	2	10	8	.....
23..	58.04	56.63	23.5	30.9	92	67	SSE	1	S	1	10	7	.....
24..	57.94	55.93	24.3	31.6	91	60	ESE	2	N	2	10	6	.....
25..	56.99	56.95	24.9	24.5	95	93	SE	2	SE	2	10	10	3.3
26..	57.10	56.65	23.1	29	90	71	Calm		ESE	1	10	10	.....
27..	57.29	56.31	23.2	31.1	93	67	Calm		N	2	7	6	2.5
28..	58.92	57.88	24.5	30	96	74	SE	1	NE	2	10	7	.....
29..	59.04	58.96	24.3	30.8	94	67	S	1	N	2	10	6	.....
30..	59.24	57.85	23.6	32	95	63	SE	1	S	2	4	4	.....
31..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	57.77	56.80	23.8	31	92.3	67.4	1.2		2.1		7.1	6.4	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	11.4

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	58.77	57.73	23.9	31.9	92	63	S	1	NW	2	6	3	.....
2..	58.90	58.02	24.2	31.2	93	66	S	1	N	2	6	5	.....
3..	58.82	58.99	26	31	85	65	NE	2	N	3	6	5	.....
4..	59.59	58.97	22.7	31.2	89	61	S	1	NE	2	2	3	.....
5..	59.74	58.83	20.9	31.2	94	62	Calm		N	2	3	4	.....
6..	58.35	56.95	24	30	91	71	Calm		N	3	4	7	.....
7..	57.51	56.54	25	25.9	83	75	NNE	5	NE	6	8	10	.....
8..	56.44	55.56	25.4	30.5	76	56	NNE	2	NNW	2	9	6	.....
9..	56.65	56.32	23	30	88	62	NNE	1	N	2	7	7	.....
10..	56.80	55.69	25.6	30	85	69	NNE	1	NNE	2	9	7	.....
11..	55.96	55.41	25.6	32	91	57	SE	1	NNE	2	4	4	.....
12..	56.11	56	24.5	31.2	92	67	SE	1	NW	3	7	6	.....
13..	57.32	56.67	22.8	32.8	93	55	SE	1	E	2	3	4	.....
14..	57.72	57.38	26.2	31	89	68	NE	2	NNE	2	7	5	.....
15..	58	56.83	26.5	31.1	84	62	NE	4	N	2	7	4	.....
16..	57.05	55.97	23.6	30.9	90	64	SE	1	N	2	4	8	.....
17..	57.40	56.83	22	31	95	68	SE	1	NNE	3	3	7	.....
18..	57.82	57.53	23	31.4	93	62	Calm		N	2	5	6	.....
19..	58.78	58.33	22.3	30.7	92	62	S	1	NNE	3	4	6	.....
20..	57.86	57.17	23	29.7	86	67	SE	1	SE	2	4	8	.....
21..	58.05	56.42	23.5	31.3	87	64	SSE	1	N	2	5	4	.....
22..	58.15	56.83	23.2	31.5	91	63	SE	1	NW	2	4	3	.....
23..	57.66	56.71	22.3	31.6	96	65	ESE	1	N	2	3	5	.....
24..	57.80	56.43	25.8	29.6	84	67	N	4	N	3	10	7	.....
25..	56.15	55.36	22.4	30.5	88	59	Calm		NNE	2	10	5	.....
26..	56.37	56.17	20.9	30.8	92	53	SE	1	NNE	2	7	6	.....
27..	57.16	56.79	20.2	30.6	92	60	SE	1	N	2	5	7	.....
28..	57.43	57.30	21	29.6	78	53	S	1	NNW	1	10	7	.....
29..	58.37	57.70	21	27	89	64	SE	1	N	3	6	10	1
30..	58.56	58	23.7	28.2	85	65	NNE	3	N	3	10	8	.....
31..	58.51	57.96	21.6	30	75	50	SE	1	ESE	2	9	4	.....
Mean	57.74	57.01	23.3	30.5	88.3	62.7	1.4		2.4		6	5.8	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	1

SAN FERNANDO, UNION.

[ϕ=16° 37′ N; λ=120° 19′ E; barometer above sea, 8 meters; gravity correction not applied, —1.65 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1..	57.32	56.20	22	30.1	96	68	Calm	Calm 2	2		.....
2..	58.09	57.09	24.2	31	94	71	Calm	NW 2	10	3	.....
3..	58.57	57.99	23.8	31	96	65	Calm	WNW 1	8	6	.....
4..	60.06	59.92	22.3	30.2	96	67	Calm	WNW 1	6	6	.....
5..	62.04	61.08	21.5	30	95	59	Calm	W 1	3	10	.....
6..	62.57	61.50	21	29.2	89	60	Calm	W 1	4	8	.....
7..	62.22	61.45	21	29.3	95	65	Calm	WNW 1	9	6	.....
8..	62.51	61.88	20.8	30	93	65	Calm	WbyN 1	8	10	.....
9..	62.92	62.67	21.9	30	94	62	Calm	W 1	10	4	.....
10..	63.82	62.21	20.1	30	95	61	Calm	WSW 1	6	6	.....
11..	63.03	61.75	22	29.3	89	59	Calm	WNW 1	5	4	.....
12..	61.76	60.54	20.7	29.3	91	59	Calm	WSW 1	10	4	.....
13..	61.02	59.40	22.9	29.9	88	67	Calm	WSW 1	10	6	.....
14..	60.10	59.28	22	30.2	93	67	Calm	WNW 1	9	2	.....
15..	60.19	58.57	21.2	29.5	95	66	Calm	W 1	6	2	.....
16..	59.56	58.47	23.5	29.5	91	64	Calm	NW 2	9	1	.....
17..	59.51	58.51	20.5	29.5	93	65	Calm	W 2	1	1	.....
18..	59.74	57.08	22.8	29.1	84	63	Calm	NNW 1	2	5	.....
19..	58.76	56.92	21	28.7	95	70	Calm	NNW 1	3	4	.....
20..	57.79	56.41	21	29.9	91	65	Calm	SW 1	2	2	.....
21..	58.02	56.62	21.3	30.2	93	65	Calm	W 1	9	5	.....
22..	57.82	56.41	21	30.3	93	62	Calm	W 1	1	2	.....
23..	58.76	57.19	22.1	30.2	90	66	Calm	W 2	3	2	.....
24..	58.11	57.19	21.4	30.9	93	62	Calm	NW 1	3	2	.....
25..	58.31	58.07	21.2	29.4	94	64	Calm	WNW 1	5	8	.....
26..	59.67	58.03	21	30.9	95	60	Calm	WbyN 1	7	2	.....
27..	59.16	57.83	23.2	29.5	90	68	Calm	Calm 10		10	0.3
28..	58.71	57.60	22.8	29.4	93	66	Calm	NNW 4	10	6	.....
29..	58.71	57.90	20.5	29.5	94	60	Calm	NW 1	10	4	.....
30..	59.07	57.87	20.4	28.6	94	65	Calm	WNW 1	7	8	.....
31..	58.93	57.60	22.5	29.5	89	63	Calm	NNW 4	10	2	.....
Mean	59.90	58.75	21.7	29.8	92.6	64.2	0	1.3	6.4	4.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.3

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1..	58.52	57.23	19.5	29.3	93	59	Calm	WSW 1	2	5	.....
2..	58.26	57.63	19.5	29	93	64	Calm	Wbys 1	6	10	.....
3..	59.09	58.60	20.5	28.4	91	69	Calm	Calm	3	10	.....
4..	59.74	59.28	21.1	29.4	95	64	Calm	WNW 1	10	9	.....
5..	60.56	59.90	20.8	29.2	93	63	Calm	W 1	9	8	.....
6..	61.14	60.43	19.5	29.6	93	61	Calm	WNW 2	10	3	.....
7..	61.47	59.95	20.5	30.4	93	61	Calm	WSW 1	3	9	.....
8..	60.73	59.81	23	30.8	93	60	Calm	NW 2	8	4	.....
9..	61.29	60.08	23.3	27	80	64	N 3	NNW 4	6	4	.....
10..	60.45	58.78	17.1	30.2	89	50	Calm	NbyW 2	6	3	.....
11..	60.87	59.37	19.3	29.4	92	60	Calm	NW 2	4	4	.....
12..	61.33	60.54	19.2	29.4	92	62	Calm	NW 2	6	5	.....
13..	60.99	59.58	18.6	28	94	65	Calm	WNW 2	4	9	.....
14..	61.13	59.99	19.2	29.7	87	58	Calm	WNW 2	6	2	.....
15..	61.09	59.84	20	30	89	55	Calm	WbyN 1	6	4	.....
16..	60.14	58.61	22.3	30	84	62	Calm	NbyW 3	10	9	.....
17..	59.33	57.50	23.5	27.8	89	67	Calm	NbyW 4	10	6	.....
18..	57.78	56.12	20.2	31.5	93	59	Calm	WNW 2	3	7	.....
19..	57.01	56.24	20.5	30.2	93	62	Calm	NW 3	8	3	.....
20..	58.05	57.70	20.5	30.5	93	58	Calm	WbyN 2	4	4	.....
21..	59.93	59.40	21.4	30.2	87	54	Calm	WNW 2	10	7	.....
22..	60.69	59.32	20	29.5	92	61	Calm	W 1	8	2	.....
23..	60.09	58.38	18.4	29.5	91	61	Calm	WbyN 2	3	1	.....
24..	58.70	57.78	19	29.9	90	65	Calm	WNW 1	4	2	.....
25..	57.96	56.72	19.5	31.2	92	60	Calm	NNW 2	2	1	.....
26..	57.84	56.47	20	31.8	89	57	Calm	WbyN 2	3	2	.....
27..	57.45	55.69	21	31.5	91	63	Calm	WNW 2	6	2	.....
28..	56.84	56.50	21.4	31.6	92	63	Calm	WNW 2	7	3	.....
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.59	58.48	20.3	29.8	90.8	61	0.1	1.9	6	4.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1..	57.47	56.43	23.5	31	91	67	Calm	NW 2	8	2	.....
2..	57.37	55.49	23	32	91	60	Calm	NW 2	6	5	.....
3..	58.10	56.42	24.5	32.6	86	57	Calm	WbyN 2	3	3	.....
4..	57.03	55.59	22.3	32.1	92	66	Calm	WbyN 2	6	2	.....
5..	57.58	55.70	23.3	33.4	89	55	Calm	WbyN 1	10	2	.....
6..	58.03	57.20	24.3	31	89	69	Calm	NW 3	10	2	.....
7..	57.89	57.11	22.8	21.7	93	63	Calm	WNW 2	8	4	.....
8..	57.59	55.83	23.8	32	85	61	Calm	NW 3	10	3	.....
9..	57.59	56.32	22	32	85	61	Calm	WNW 2	3	2	.....
10..	58.14	56.71	23.3	31.7	90	65	Calm	WNW 2	9	2	.....
11..	57.99	57	22	32	93	63	Calm	WNW 1	6	5	.....
12..	57.73	56.35	22.4	31.5	89	63	Calm	WbyN 1	5	8	.....
13..	57.63	56.47	22.8	34	89	45	Calm	WSW 1	4	3	.....
14..	58.52	57.67	23	32.3	90	63	Calm	NW 2	4	6	.....
15..	59.57	58.94	24.4	31.2	88	68	Calm	NW 1	10	6	.....
16..	60.07	58.16	23.5	32.2	89	54	Calm	NNW 2	8	2	.....
17..	59.22	57.47	23	33.5	91	51	Calm	SW 1	5	6	.....
18..	58.88	58.40	24.5	32.5	84	59	Calm	NW 3	10	2	.....
19..	59.11	57.97	22.8	32.2	89	61	Calm	W 2	3	2	.....
20..	58.90	58.11	22.8	32.1	89	60	Calm	WNW 2	4	2	.....
21..	59.16	58.65	23	32.3	90	55	Calm	NW 2	6	2	.....
22..	60.37	59.45	22.5	31.8	91	64	Calm	NbyW 3	7	4	.....
23..	59.11	58.66	22.5	32.7	89	57	Calm	NW 2	4	4	.....
24..	58.76	58.26	24	30.2	90	60	Calm	W 1	10	8	.....
25..	59.02	58.20	24	31.3	88	60	Calm	WNW 1	9	9	.....
26..	58.70	57.78	22.2	30.6	93	60	Calm	NW 2	8	8	13.2
27..	59	59.13	22.5	30.7	96	61	Calm	WSW 1	8	8	.....
28..	59.82	59.60	22	31.3	96	63	Calm	W 1	6	2	.....
29..	60.65	59.43	22.5	31.1	92	65	Calm	NW 3	5	3	.....
30..	59.76	58.38	23	30.7	91	65	Calm	NNW 3	7	4	.....
31..	59.15	57.79	23	32	91	63	Calm	NNW 3	6	2	.....
Mean	58.64	57.57	23.1	31.9	90	60.8	0	1.9	6.7	4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13.2

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1..	58.87	57.97	23.5	31.7	90	66	Calm	NW 2	6	2	.....
2..	58.67	57.07	22.9	32.3	89	64	Calm	WNW 3	4	2	.....
3..	57.92	56.92	24.5	31.5	92	69	Calm	NNW 4	9	9	.....
4..	58.24	56.78	24.6	31.8	91	70	Calm	W 1	10	7	.....
5..	58.42	57.38	25	32.7	90	62	Calm	WNW 2	10	9	.....
6..	57.72	56.78	24.5	33.5	89	61	Calm	WNW 2	5	4	.....
7..	57.59	56.37	23.5	32.5	87	66	Calm	NW 3	4	3	.....
8..	56.98	55.06	22.8	32.8	88	59	Calm	W 2	5	3	.....
9..	57.19	56.18	23	33.7	90	54	Calm	WNW 2	4	2	.....
10..	57.49	56.23	24.1	33	91	63	Calm	WNW 2	6	2	.....
11..	56.22	54.35	24.3	35.1	86	54	Calm	W 2	5	2	.....
12..	55.83	53.85	25.5	35.2	86	51	Calm	WSW 3	10	2	11.4
13..	56.26	55.72	25	33.8	92	54	Calm	W 2	8	2	29.7
14..	57.74	56.15	23.8	32	97	65	Calm	W 2	4	2	.....
15..	57.56	55.23	24.2	33.3	93	55	Calm	WNW 2	8	2	.....
16..	56.56	55.46	24	32.4	95	63	Calm	WNW 2	7	6	.....
17..	56.43	55.80	23.5	33.1	94	61	Calm	WNW 2	9	8	.....
18..	56.81	55.65	23.5	33.5	91	57	Calm	WNW 2	8	5	.....
19..	56.84	55.35	24.3	33.3	89	56	Calm	W 2	7	6	.....
20..	56.47	55.25	24.8	34.7	83	51	Calm	W 1	6	3	.....
21..	56.54	54.92	24	33	91	61	Calm	NW 1	8	3	.....
22..	56.53	54.84	23.8	34.5	90	51	Calm	WbyN 2	7	8	.....
23..	55.76	55.17	24.4	34	88	56	Calm	WNW 2	4	4	.....
24..	56.72	56.29	25	32.9	92	65	Calm	WNW 2	4	4	.....
25..	57.38	56.26	23.2	33	90	61	Calm	NW 2	5	6	.....
26..	56.91	55.84	24.4	34.7	88	52	Calm	SW 2	7	5	.....
27..	56.52	55.99	24.5	33.6	91	58	Calm	NW 2	4	8	.....
28..	56.64	55.45	23.5	32.3	91	63	Calm	NNW 3	7	9	.....
29..	56.48	54.32	25.7	34.5	86	55	Calm	WSW 2	8	8	.....
30..	55.63	55.25	24.3	28.5	92	79	Calm	Wbys 2	4	10	1.9
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.03	55.80	24.1	33.1	90.1	60.1	0	2.1	6.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.9	43

Note: The barometric readings of this station seem to be too low by about 0.50 mm.

SAN FERNANDO, UNION.

[ϕ=16° 37′ N; λ=120° 19′ E; barometer above sea, 3 meters; gravity correction not applied, —1.65 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	56.44	56.15	23.3	31.5	94	63	Calm	NbyW 3	4	5	.....
2..	57.49	56.47	25.4	33	87	61	Calm	WNW 2	10	6	.....
3..	56.48	54.91	23.1	32.5	90	63	Calm	NW 2	7	6	.....
4..	57.01	55.70	24	33	90	61	Calm	NW 2	4	6	.....
5..	56.98	55.31	25.3	33.9	86	62	Calm	W 4	8	8	6.1
6..	56.86	56	25.8	32.5	95	66	Calm	WSW 2	10	8	.....
7..	56.57	55	25	33.6	92	61	Calm	W 5	8	9	48.8
8..	56.09	55.87	24	32	97	69	Calm	W 3	8	8	1.8
9..	56.51	56.48	24.9	32.2	91	63	Calm	WSW 2	7	10	.1
10..	56.83	56.77	24.8	27.4	93	84	Calm	SW 1	10	10	19
11..	56.48	55.22	23.5	30.6	93	70	Calm	WSW 1	5	10	.....
12..	56.94	56.10	24.9	32.4	92	64	Calm	W 2	4	3	15.5
13..	57.63	56.60	26.3	32.8	87	69	Calm	NNW 2	9	10	.....
14..	58.48	57.10	25.4	33.8	93	63	Calm	NbyW 2	4	8	.....
15..	59.28	57.22	25.3	32.5	94	62	Calm	NW 1	6	3	14.7
16..	58.81	57.21	25	32.5	96	63	Calm	NW 1	6	3	.....
17..	58.43	57.53	25.5	32.1	88	66	Calm	NW 2	9	4	.....
18..	59.12	58.20	23.5	32.3	92	67	Calm	WNW 2	3	3	.....
19..	58.68	57.16	24.3	32.6	93	63	Calm	NW 1	4	2	.....
20..	56.54	56.05	24.3	32.5	87	66	Calm	WNW 2	3	3	.....
21..	56.59	55.47	23.2	32.5	93	60	Calm	W 1	2	8	.....
22..	57.26	55.97	24.3	32.3	91	62	Calm	WSW 2	9	7	.....
23..	57.91	57.18	23.5	31.2	93	66	Calm	W 1	4	9	2.3
24..	57.69	56.38	23.8	32.2	95	65	Calm	W 1	8	6	.....
25..	57.42	55.15	24.9	32.5	89	60	Calm	SW 1	10	5	22.4
26..	56.81	55.77	24.3	28.8	97	81	Calm	W 1	8	10	15.5
27..	57.68	56.72	23.5	32.3	96	64	Calm	SW 2	7	7	53.8
28..	57.63	55.75	25.3	31.2	97	73	Calm	WNW 1	10	8	21.5
29..	57.43	55.70	24.3	31.8	96	70	Calm	WNW 1	10	8	.....
30..	56.53	56.11	25	29.9	95	75	Calm	W 3	8	9	.....
31..	57.33	56.37	24.8	32.6	97	69	Calm	NNW 1	8	7	.....
Mean	57.35	56.25	24.5	32	92.5	66.2	0		1.8	6.9	6.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	221.5

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.47	56.07	25	32.8	95	64	Calm	W 1	9	10	0.8
2..	57.27	55.66	23.9	32.3	94	62	Calm	WNW 1	10	9	.....
3..	56.44	55.61	25	32	88	61	Calm	Calm	10	10	.8
4..	56.22	55.67	22.8	31.8	93	62	Calm	NW 1	9	5	.....
5..	56.91	56.55	24.2	29.2	92	80	Calm	Calm	4	10	.3
6..	57.59	56.52	25	31.4	88	72	Calm	Calm	6	9	1
7..	57.51	56.62	24.7	32.5	94	66	Calm	W 1	9	9	.3
8..	57.33	56.55	25.3	34.9	89	57	Calm	Calm	7	3	.4
9..	57.99	56.27	24.8	34.4	93	60	Calm	SW 1	4	6	16
10..	57.49	57.21	25.4	31.6	84	66	Calm	WNW 1	4	7	.....
11..	57.36	55.98	24.3	32.5	91	62	Calm	WNW 1	3	4	.....
12..	56.51	55.51	24	33.5	91	57	Calm	SW 2	2	9	2
13..	56.74	55.18	23.6	33.8	95	55	Calm	NW 1	1	2	.....
14..	56.99	55.54	24.4	34	87	53	Calm	WbyN 1	5	3	.....
15..	57.56	56.84	25.5	33.6	84	58	Calm	WbyN 1	5	2	38.1
16..	57.40	55.81	23.2	33	95	61	Calm	W 1	2	3	.....
17..	56.38	54.69	26	32.4	92	67	Calm	WbyS 1	4	4	.....
18..	56	55	24.8	33.4	93	62	Calm	WSW 1	3	4	26.3
19..	56.97	57	24.8	29.6	95	77	Calm	WSW 1	7	10	44.7
20..	57.42	57.27	23.2	31.6	97	63	Calm	SW 1	7	8	1.5
21..	57.23	56.07	24.8	32.7	85	64	Calm	WSW 1	10	9	19.4
22..	56.27	55.91	23.3	28.3	93	80	Calm	SW 1	10	10	28.7
23..	55.82	55.22	23.2	31.7	91	65	Calm	SW 1	9	9	40.6
24..	56.62	55.70	23.4	30.6	97	70	Calm	SSW 2	10	9	23.6
25..	56.50	55.08	23.8	30.4	96	70	Calm	Calm	10	10	2.3
26..	55.23	53.98	23.1	28.6	97	80	Calm	Calm	9	10	27.3
27..	54.95	55.09	22.8	30.6	93	67	Calm	SW 1	10	9	29.7
28..	56.39	56.91	24	29.4	87	78	Calm	Calm	10	10	2
29..	57.82	57.07	24.8	30.6	81	69	Calm	SW 1	10	8	.....
30..	57.04	56.71	24.3	30.8	94	67	Calm	Calm	2	9	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	56.85	55.98	24.2	31.8	91.5	65.8	0		0.8	6.7	7.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	305.8

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	56.42	55.73	24.2	30.2	94	74	Calm	SSW 1	10	10	3.3
2..	55.35	55.48	24	32.3	96	66	Calm	Calm	4	7	40.4
3..	55.75	55.03	24	32.4	96	63	Calm	WbyS 1	3	3	33.7
4..	55.02	54.48	25.1	30.4	88	76	Calm	SSW 1	4	10	14.2
5..	54.08	54.08	24.5	26.6	86	90	Calm	SW 2	9	10	14.5
6..	53.88	54.39	24.7	27.8	90	77	Calm	SbyE 2	4	10	3
7..	54.62	54.32	24.4	30.9	84	66	Calm	SW 1	10	10	5.3
8..	54.38	54.06	24.9	31.4	84	61	Calm	SbyW 1	6	10	.....
9..	54.13	54.18	23.8	31.6	89	59	Calm	SW 2	5	5	41.1
10..	54.87	55.26	23.6	28.3	97	77	Calm	Calm	10	10	.9
11..	54.57	54.89	23.6	25.6	95	92	Calm	Calm	7	10	113.1
12..	53.92	53.10	23.9	25.1	94	91	SE 2	S 1	10	10	96
13..	52.77	53.55	25.6	26.3	83	82	S 2	S 2	10	10	55.1
14..	54.30	55.37	24	23.5	86	91	SE 2	SE 2	10	10	18.3
15..	55.09	54.62	23.5	28.6	84	80	SE 2	SSW 2	10	10	5.3
16..	55.85	54.27	23.2	31.2	97	71	Calm	NW 2	9	8	40.1
17..	53.24	53.10	24	23.4	97	97	Calm	SW 2	10	10	68
18..	51.90	52.94	25.5	24.9	82	89	SSE 3	S 2	10	10	25.1
19..	52.84	54.40	24.2	24.4	87	90	Calm	S 3	10	10	27.2
20..	54.08	56.02	26.4	25.6	73	91	SbyE 2	SSW 2	10	10	20.8
21..	55.40	55.75	24.4	30.6	84	70	Calm	SW 2	10	10	4.8
22..	56.78	56.83	24	30.9	83	72	Calm	Calm	10	10	3.6
23..	57.94	57.69	22.8	31.4	93	57	Calm	Calm	10	10	21.8
24..	57.25	57.23	23.2	28	94	82	Calm	SW 1	10	10	7.9
25..	55.70	56.01	23.2	29.6	91	75	Calm	WSW 2	10	10	16.4
26..	55.78	55.53	24.4	31.2	90	61	Calm	SW 2	8	7	8.9
27..	54.88	54.71	24.5	31.1	87	69	Calm	Calm	10	8	13.6
28..	54.68	54.74	24.2	24.8	94	95	Calm	S 1	10	10	35.1
29..	54.82	55.05	24.4	24.3	97	93	Calm	SSW 1	10	10	37.4
30..	54.99	55.83	23.8	24.8	93	92	Calm	SSE 1	9	10	32.3
31..	55.60	54.68	24.1	31	95	69	Calm	SSW 2	10	6	3.3
Mean	54.87	54.95	24.2	28.3	89.8	78	0.4		1.3	8.6	9.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	810.5

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	55.57	55.79	25.3	25.1	87	91	SSW 2	SSW 2	10	10	20.1
2..	55.65	55.84	24.4	28.3	88	84	Calm	Calm	9	10	11.2
3..	55.69	55.72	25.6	31.4	88	73	Calm	Calm	9	10	14.2
4..	55.75	54.94	24.4	28.7	95	78	Calm	W 2	10	9	5.5
5..	56.08	56.47	24	25	90	90	Calm	SW 2	10	10	14.2
6..	57	56.69	24.3	30.4	85	76	Calm	Calm	6	5	.....
7..	56.79	55.89	24.1	31.7	96	68	Calm	NW 2	6	7	.....
8..	56.19	55.03	25.1	31.5	95	72	Calm	WNW 1	8	5	2.5
9..	56.52	55.88	23.1	30.7	96	75	Calm	W 1	6	10	.....
10..	56.63	55.51	25	31	96	72	Calm	WNW 2	9	7	74.2
11..	53.56	53.62	25.1	26.3	96	90	Calm	WSW 1	10	10	36.7
12..	55.45	55.71	25.7	31.7	82	69	SW 2	SSW 1	10	10	.....
13..	56.87	55.98	23.4	30.8	90	70	Calm	SW 1	10	10	.....
14..	56.30	55.82	23.7	32	96	70	Calm	WNW 1	5	3	.....
15..	56.04	55.30	24.3	31.3	96	72	Calm	NW 2	3	3	.....
16..	54.47	52.99	24.9	31.7	86	66	Calm	NNW 3	5	8	19.3
17..	52.12	51.09	24.8	30	93	77	Calm	WSW 1	10	10	2
18..	51.04	51.21	25.6	29.7	93	80	Calm	WSW 2	10	10	38.6
19..	53.25	54.21	25	25	88	92	SbyE 3	SSE 2	10	10	68.8
20..	55.57	54.87	24.5	30	96	74	Calm	Calm	10	10	1
21..	57.86	56.95	25.8	30	87	81	Calm	SW 1	10	10	.....
22..	58.18	57.88	23.9	31.4	96	72	Calm	NNW 2	10	3	.....
23..	58.11	57.76	24.2	32.1	97	67	Calm	NNW 1	2	4	4.1
24..	58.80	58.07	23.2	31	97	69	Calm	WbyN 1	4	3	2.3
25..	58.81	57.30	23.3	31.5	95	69	Calm	WNW 1	7	3	2.3
26..	57.34	56.52	24.2	31	97	72	Calm	W 1	4	4	.....
27..	56.99	56.02	24.8	31.8	96	67	Calm	NWbyN 1	4	2	.....
28..	57.66	56.41	25.6	32.6	95	64	Calm	NNW 2	6	4	1.8
29..	56.87	54.91	25	32.2	96	68	Calm	NNW 2	4	2	.....
30..	55.02	53.75	24.9	32.4	96	63	Calm	WSW 1	2	2	.....
31..	54.16	53.30	24.6	32.7	92	61	Calm	W 1	5	3	.....
Mean	56.01	55.40	24.6	30.4	92.8	73.9	0.2		1.3	7.2	6.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	318.8

SAN FERNANDO, UNION.

[ϕ=16° 37′ N; λ=120° 19′ E; barometer above sea, 3 meters; gravity correction not applied, —1.65 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1..	54.31	53.38	24.6	27.6	95	86	Calm	Calm	8	10	8.9
2..	54.11	52.98	24.8	31.6	92	71	Calm	SW 4	10	9	4.1
3..	54.09	54.54	24.9	26.8	90	84	Calm	SSE 3	10	10	.8
4..	55.14	54.87	26	31	81	75	Calm	Calm	10	10	5.8
5..	55 92	55.34	24.2	26.8	96	86	Calm	Calm	10	10	5.2
6..	56.2	55.2[illegible]	23.8	30	96	74	Calm	SW 1	10	5	22.1
7..	55.50	54.06	23.7	32.3	96	64	Calm	Calm	6	10	.8
8..	54.61	54.13	24.8	30.8	95	77	Calm	Calm	10	10	27.2
9..	55.76	54 74	23.4	30.6	97	74	Calm	Calm	10	10	38 6
10..	55.90	54.62	24.1	27.4	96	84	Calm	NW 2	10	10	140.5
11..	54.58	53.42	24.3	25.9	96	94	SSW 1	sbyw 2	10	10	128.5
12..	55.84	55.71	24 5	30.4	92	72	SE 1	Calm	10	10	2.1
13..	56.98	56.64	23	30.2	97	77	Calm	Calm	4	10	1.3
14..	57.21	57.31	23	29.4	97	79	Calm	Calm	7	10	.....
15..	58.50	56.74	23.7	31.1	94	69	Calm	Calm	3	3	.....
16..	57 69	56.38	23.5	31.7	97	69	Calm	NNW 1	6	4	.....
17..	55.99	56.05	23.6	31.1	96	68	Calm	Calm	3	10	.....
18..	57.87	57.02	24	31	96	67	Calm	Calm	6	10	1.5
19..	58.48	56.90	23	32	97	64	Calm	Calm	4	3	.....
20..	57.35	56.32	23.7	31.8	94	67	Calm	SW 1	10	5	.....
21..	57.12	56 95	23.2	29	94	71	Calm	SSE 1	6	10	.....
22..	57.70	56.93	23.8	31	97	67	Calm	Calm	10	3	.....
23..	56.78	55.87	22.5	31	96	62	Calm	W 1	3	3	1
24..	56.84	55.03	23.6	31.2	95	68	Calm	Calm	5	8	14.5
25..	55.23	53.91	23 5	30.1	97	74	Calm	Calm	4	7	2.3
26	54.89	54.62	23.1	31.6	97	71	Calm	WSW 1	7	4	17
27..	56.42	54.77	23.8	30.9	97	70	Calm	WSW 1	10	4	46
28..	55.59	54.31	23.6	31.2	97	71	Calm	Calm	9	5	3.3
29..	55.37	55.43	23.9	30.3	95	68	Calm	Calm	10	7	.....
30..	56.27	56.16	24.5	27.5	86	84	Calm	SSW 1	10	10	40.6
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	56.14	55.32	23.9	30.1	94.7	73.6	0.1	0.6	7.7	7.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	512.1

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1..	57.72	56.81	23.4	30.[illegible]	97	71	Calm	SSW 1	8	10	6
2..	57.5[illegible]	55.82	24.4	30.3	95	73	Calm	SW 1	10	10	.....
3..	57.1[illegible]	55.93	23.4	29.9	97	75	Calm	Calm	10	6	.5
4..	56.7[illegible]	54.87	24.6	30.4	95	73	Calm	WSW 1	10	5	30.8
5..	54.7[illegible]	53.42	23.8	30.[illegible]	97	70	Calm	W 1	8	8	29.5
6..	52.69	50.40	24	29.6	96	74	Calm	Calm	10	10	.....
7..	50.86	50.01	24.6	31	95	70	Calm	NW 1	9	6	.....
8..	52.55	51.99	25	29.[illegible]	96	75	Calm	NNW 2	9	10	.....
9..	55.34	54.91	24 3	31	94	65	Calm	NNW 1	10	9	.....
10..	56.42	55.43	24	29.6	93	70	Calm	Calm	10	10	.3
11..	57.10	56.53	24.4	28	95	85	Calm	Calm	10	10	8.4
12..	57.44	57	24.6	31.2	97	72	Calm	NNW 2	10	6	51.1
13..	58.88	57.07	24.3	30.1	92	75	Calm	WNW 1	8	5	2.8
14..	58.28	56.67	24	28.8	96	79	Calm	Calm	9	10	52.1
15..	57.48	56.27	23.3	31	97	69	Calm	NNW 1	10	5	.5
16..	57.58	55.99	23.5	29.8	96	73	Calm	Calm	10	8	.....
17..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21..	56.39	55.48	23.8	31.4	95	65	Calm	W 1	5	3	.....
22..	56.61	55 51	24.2	31.7	95	62	Calm	Calm	10	4	.....
23..	57.08	56.03	23.6	31.6	95	66	Calm	Calm	6	7	.3
24..	57 39	55.56	23.6	31.6	96	65	Calm	Calm	10	4	.5
25..	56.91	55.01	23.8	32.6	95	66	Calm	Calm	4	3	1.5
26	56.14	55.22	23.5	29.6	96	77	Calm	Calm	7	10	12.2
27..	56	54.42	23	31.4	95	67	Calm	Calm	8	8	2.7
28..	56.42	56.07	24	32	95	67	Calm	wbys 1	9	7	.....
29..	58.32	56 96	24	31.8	96	67	Calm	Calm	10	7	.....
30..	57 54	56.73	23.2	31.2	96	68	Calm	Calm	5	4	.3
31..	57.20	56.15	23.3	31	97	71	Calm	Calm	10	2	.....
Mean	56.47	55.25	23.9	30.6	95.5	70.7	0	0.5	8.7	6.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]199.5

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1..	56.88	55.72	23	31.3	96	69	Calm	W 1	6	3	.....
2..	57.12	55.92	22.4	32.4	96	56	Calm	Calm	8	2	.....
3..	57.42	56.22	22	31 4	96	70	Calm	WSW 1	6	3	.....
4..	57.84	57.39	22	30.3	96	68	Calm	SW 1	4	10	.....
5..	58.78	57.32	23.1	29.6	97	77	Calm	Calm	10	10	.....
6..	58.53	57 96	23.0	29.9	95	72	Calm	Calm	9	10	.....
7..	58.14	57.33	23.1	30.1	97	60	Calm	Calm	10	10	.....
8..	58.73	57.55	24	31.7	95	65	Calm	SW 1	10	8	.....
9..	57.32	55.61	24.4	30 2	92	69	Calm	Calm	4	8	.....
10..	56.74	55.51	24.5	31.6	92	70	Calm	Calm	10	4	0.8
11..	56.68	55.62	22.8	30	97	68	Calm	Calm	6	4	.....
12..	58.48	56.75	23.6	30.5	96	66	Calm	wbyn 1	6	4	.....
13..	59.01	58.23	21.8	30.6	96	58	Calm	W 2	4	2	.....
14..	58 14	56.67	21	30.1	95	69	Calm	W 1	4	4	.....
15..	57.48	55.82	22.4	29.7	95	68	Calm	N 3	10	10	.....
16..	56.84	55.41	22.8	29.5	95	69	Calm	Calm	8	9	.....
17..	57 42	55 79	21.8	30.2	96	68	Calm	WSW 1	9	9	.....
18..	56.63	55.36	24.3	30.6	93	65	Calm	WNW 2	10	6	.....
19..	55.52	54.91	23.1	29.8	95	68	Calm	Calm	6	10	.....
20..	56.59	56.03	23 8	29.8	97	69	Calm	Calm	9	9	.....
21..	58.38	57 49	22.5	28.8	96	77	Calm	SW 2	7	9	.....
22..	58.90	57.70	23.7	26.5	90	84	Calm	Calm	10	10	3
23..	57.90	56.36	23	29.3	97	73	Calm	Calm	8	8	1.3
24..	57.95	55.31	23.9	30	97	70	Calm	WSW 1	10	3	7.6
25..	57.15	56.90	23.6	24.9	97	94	Calm	Calm	10	10	7.8
26..	57.30	56.28	22.9	28	94	76	Calm	Calm	10	10	.....
27..	57.09	55.69	23.8	29.5	96	66	Calm	wbyn 1	8	8	10.2
28..	58 63	57.48	24	29.1	96	73	Calm	W 1	10	9	.....
29..	59.23	58.48	24.7	28.9	94	77	NW 1	NW 2	10	9	37.3
30..	59.41	57.49	23	30.3	97	64	Calm	W 1	7	3	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.74	56.54	23.1	29.8	95.4	69.9	0	0.7	8	7.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	68

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1..	58.88	57.23	23	29.6	96	74	Calm	W 2	7	3	.....
2..	58.81	57.46	22.5	29.7	96	72	Calm	wbyn 1	6	3	.....
3..	58.83	58.09	22.7	29.8	97	70	Calm	W 2	4	3	.....
4..	59.88	58.77	22.3	29	96	75	Calm	W 2	3	4	.....
5..	59.72	58.18	23.4	30	97	65	Calm	NW 2	8	2	.....
6..	58.40	56.22	22.8	30.4	97	66	Calm	NNW 3	3	3	.....
7..	57.38	55.75	24.4	26.5	85	74	NNW 4	Nbyw 4	10	10	.....
8..	56.34	55.22	21.6	27.6	95	71	Calm	NW 1	10	10	.....
9..	56.35	56.02	20 6	27.9	96	64	Calm	Calm	7	9	5.6
10..	56.98	55.74	21.4	27.7	96	77	Calm	Calm	10	10	.....
11..	56.11	55.19	22.7	29.5	97	65	Calm	WNW 1	7	4	2.8
12..	56.44	55.97	22	29	96	71	Calm	Calm	9	5	.....
13..	57.26	56.74	22.4	29.7	96	68	Calm	WNW 1	3	3	.....
14..	57.84	56.87	23.3	29.4	96	74	Calm	NW 2	10	3	.....
15..	58.01	56.58	22.3	29.4	97	68	Calm	W 2	4	3	.....
16..	57.06	56.11	22.5	28.6	96	66	Calm	Calm	5	9	.....
17..	57.38	56 29	22.5	29.7	96	72	Calm	WNW 3	8	3	.....
18..	57.94	57.06	22.8	29.5	97	64	Calm	NNW 2	6	5	.....
19..	59.02	57 94	22.3	29.3	96	66	Calm	W 1	10	5	.....
20..	58.14	56.89	22.3	28	96	74	Calm	Calm	9	10	4.8
21..	58.21	56.30	21 3	28.8	97	72	Calm	W 1	7	9	.....
22..	57.68	56.74	22.7	29.5	97	72	Calm	W 2	10	3	3.6
23..	57.70	56.64	23.3	29.4	96	71	Calm	wbys 1	6	3	.5
24..	57.59	55.79	23.2	29 7	97	67	Calm	Calm	10	9	.....
25..	56.63	55.37	21.8	28.8	96	69	Calm	W 1	10	8	.....
26..	56 13	55.85	22	28	96	63	Calm	WNW 2	10	9	.....
27..	56.35	56.34	21.1	27.8	95	62	Calm	WSW 1	9	9	.....
28..	57.47	56.94	21	27	93	63	Calm	W 1	10	10	.....
29..	58.46	57.49	20.8	26.8	93	64	Calm	N 3	5	10	.....
30..	58.37	57.28	21.3	27.7	91	70	Calm	NW 3	4	10	.....
31..	58.61	57.52	22.5	27.6	96	63	Calm	SW 1	10	4	.....
Mean	57.74	56.66	22.3	28.8	95.5	68.8	0.1	1.5	7.4	6.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17.3

[a] 27 days of observation.

ECHAGÜE.

[ϕ=16° 41′ N; λ=121° 39′ E; barometer above sea, 56.1 meters; gravity correction not applied, —1.64 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*		°C	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.84	56.87	22.5	29.6	97	67	Calm	SE 1	10	7	49.5
2..	58.44	56.82	24	30.4	96	66	Calm	Calm	10	3	.8
3..	60.66	59.96	22.1	25.3	97	86	Calm	N 1	9	10	2.1
4..	62.78	62.43	19.9	24	97	87	Calm	N 1	8	8	1.3
5..	65.63	64.07	19.4	26	96	69	Calm	NE 1	9	8	.....
6..	65.60	63.86	19	24.6	95	75	Calm	N 1	7	7	.....
7..	63.59	61.79	19.7	25.8	96	74	Calm	Calm	9	7	.5
8..	63.54	63.63	20.4	22.4	96	96	Calm	NE 1	10	10	47.5
9..	66.41	65.13	19	24.3	96	78	Calm	NE 1	10	9	.5
10..	66.86	65.54	19.7	23.5	95	79	NNE 1	Calm	9	10	2.6
11..	67.92	65.52	18.8	22.8	90	76	Calm	N 1	10	9	.....
12..	65.76	63.33	18.3	22.9	96	78	Calm	Calm	10	10	6.1
13..	63.57	61.62	20.2	26	98	78	Calm	Calm	10	8	9.4
14..	61.98	60.07	22	27.5	97	73	Calm	Calm	10	8	1.3
15..	61.17	60.03	22	23.6	96	94	Calm	NNE 1	10	10	19.9
16..	62.26	60.40	19.9	25	95	76	Calm	NNE 1	10	9	.8
17..	61.27	59.35	20.9	27.3	97	71	Calm	Calm	10	9	.....
18..	60.98	58.52	21	26	95	72	NNE 1	NE 1	8	9	1.3
19..	60.94	58.82	20.5	25	95	78	Calm	NE 1	10	8	.5
20..	60.18	58.48	20.1	25.1	98	76	Calm	NE 1	10	8	1.8
21..	59.85	58.60	20.1	24.4	95	82	Calm	Calm	10	9	.8
22..	60.29	58.87	20.3	24.9	93	72	Calm	Calm	10	10	.....
23..	59.88	58.25	20.4	28.3	97	67	Calm	Calm	10	7	.3
24..	60.09	59.62	20.5	25.7	94	71	NNE 1	NNE 1	8	9	.....
25..	61.39	60.40	19.3	25	93	72	Calm	Calm	10	9	.....
26..	61.05	59.16	20.3	27	97	68	Calm	Calm	10	9	1.5
27..	60.46	58.70	21.6	27.3	98	71	Calm	Calm	10	9	.8
28..	59.02	57.71	21	29	95	64	Calm	N 1	9	3	.5
29..	60.47	59.53	21.7	25.4	85	69	Calm	NNE 1	10	9	1.1
30..	61.71	59.46	19	25	94	69	Calm	Calm	10	9	.....
31..	59.84	57.92	20.3	27.9	93	59	Calm	Calm	9	1	.....
Mean	62.01	60.47	20.4	25.7	95.2	74.6	0.1	0.5	9.5	8.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	150.9

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	61	59.94	19.6	24	84	70	Calm	NE 1	9	10	.....
2..	60.98	59.63	18.6	23.3	94	75	Calm	E 1	8	9	0.3
3..	61.25	60.23	20.2	24.5	95	75	Calm	Calm	9	9	.....
4..	62.38	61.22	19	25.8	95	68	Calm	Calm	9	8	.....
5..	63.24	62.61	19	24.4	96	71	NE 1	N 1	10	10	.3
6..	64.71	62.90	18.7	25	97	70	Calm	Calm	10	10	.....
7..	62.85	60.48	20.6	29.4	96	62	Calm	sbyE 1	9	3	.....
8..	60.79	59.12	19.5	30.1	96	58	Calm	Calm	3	3	.....
9..	61.51	60.05	22	27.5	92	60	Calm	NE 1	9	7	.....
10..	63.08	61.88	16.5	22.3	96	76	Calm	SE 1	4	9	.....
11..	63.47	61.18	17.5	24.8	95	69	Calm	SE 1	8	9	.....
12..	61.92	60.46	20	29.4	94	58	Calm	Calm	9	6	1.3
13..	63.84	62.69	19.5	23.4	92	72	NE 1	N 1	10	10	.....
14..	65.12	63.31	18	24.6	88	63	Calm	SE 1	10	9	.....
15..	63.89	60.71	18.4	27.5	96	63	Calm	SE 1	7	8	.....
16..	60.92	57.56	21	31	95	53	Cam	SE 1	9	6	4.1
17..	59.88	58.50	21.3	26.5	97	76	Calm	Calm	10	8	4.1
18..	58.60	56.65	20.7	27.2	95	72	Calm	S 1	9	9	6.6
19..	57.20	55.85	21.3	29	97	78	Calm	Calm	10	9	37.8
20..	60.67	59 98	19.7	25.4	94	66	Calm	NE 1	10	3	3.6
21..	62.94	61.47	19.3	24.9	92	67	Calm	E 1	9	9	.....
22..	62.98	61.03	19.2	26.6	93	62	Calm	NEbyE 1	10	4	.....
23..	61.08	58.76	17.4	28.8	96	59	Calm	Calm	9	3	.....
24..	59.38	57.96	19	29.3	94	53	Calm	Calm	3	1	.....
25..	59 31	57.94	19.5	30.2	93	58	Calm	Calm	3	3	.....
26..	59.09	56.45	20.5	31.6	93	57	Calm	Calm	9	2	.....
27..	57.81	55.91	20	32.8	92	50	Calm	Calm	2	0	.....
28..	57.39	56.31	18.6	32.6	94	50	Calm	Calm	4	1	.....
29..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	61.33	59.67	19.4	27.2	94	64.7	0.1	0.5	7.9	6.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58.1

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.59	56.61	20.5	31.8	89	52	Calm	S 1	3	3	.....
2..	59.78	57.80	20.6	26.7	90	71	NE 1	NE 1	10	9	2.5
3..	58.88	56.23	21.3	32.5	97	52	Calm	Calm	10	1	.....
4..	58.31	56.16	23	32	93	49	Calm	NNE 1	9	3	.....
5..	58.56	56.85	22.7	28.9	94	69	Calm	NE 1	9	9	13
6..	59.04	57.18	22.4	32.5	96	56	Calm	Calm	9	2	.8
7..	59.56	58.70	23	26.6	97	80	Calm	NE 1	10	10	5.4
8..	59.62	56.84	22	30.1	98	71	Calm	Calm	10	3	.....
9..	58.22	56.31	19.5	32.5	94	52	Calm	S 1	8	2	.....
10..	59.31	57	21.5	32.4	95	53	Calm	ESE 1	7	3	.....
11..	59.38	59.15?	21.2	26	95	76	Calm	E 1	7	10	.8
12..	58.91	56.87	19.8	32.5	98	52	Calm	Calm	4	3	.....
13..	58.81	56.97	19.5	33	95	48	Calm	Calm	4	3	.....
14..	59.24	57.63	22	33.4	95	47	Calm	SE 1	5	7	.....
15..	60.88	59.79	22.5	31.3	92	50	Calm	SSE 1	8	6	.....
16..	62.36	59.61	21.5	29	96	62	Calm	Calm	9	8	26
17..	61.09	59.28	21.8	25.3	97	89	Calm	ENE 1	10	10	5
18..	60.58	59.28	21.5	28.8	95	69	Calm	Calm	9	9	.....
19..	60	57.45	20.1	32	94	57	Calm	Calm	0	2	.....
20..	59.53	57.80	22	32.5	93	54	Calm	Calm	6	4	5.8
21..	60.39	59.26	22.3	30.5	96	62	Calm	NNE 1	9	4	2.8
22..	61.57	59.76	22.5	29.5	94	58	Calm	ENE 1	7	4	.....
23..	61.26	59.66	22.8	27.3	91	61	Calm	NNW 1	9	7	7.1
24..	60.78	59.51	21.6	24.9	94	76	Calm	E 1	10	10	2.5
25..	61.17	60.57	20.5	23.5	96	91	N 1	N 1	10	10	6.3
26..	60.91	59.18	19.8	27.6	97	69	Calm	Calm	10	8	.3
27..	59.81	57.48	22	31.1	96	61	Calm	Calm	9	4	25.9
28..	62.39	60.89	20.5	29	95	59	Calm	NE 1	9	9	2
29..	62.03	61.19	21.5	25.7	95	72	Calm	N 3	10	10	.8
30..	61.30	59.40	20.8	25.5	94	79	Calm	NE 2	9	10	.....
31..	60.73	59.18	21.5	27.9	92	68	Calm	ENE 1	10	10	.....
Mean	60.10	58.37	21.4	29.4	94.6	63.4	0.1	0.7	8	6.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	107

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	61.23	59.04	21.3	29.3	95	66	Calm	SE 1	10	6	.....
2..	59.91	57.32	22.7	31.4	97	57	Calm	Calm	9	7	.....
3..	58.53	56.28	22.5	32.6	96	59	Calm	E 1	10	4	23.1
4..	58.93	57.72	23.6	29.9	96	69	Calm	E 1	10	6	.....
5..	58.96	57.23	20.5	33	93	55	Calm	Calm	2	6	.....
6..	58.65	56.35	21.4	33.8	96	52	Calm	Calm	3	7	.....
7..	58.28	55.88	22	33.8	95	48	Calm	Calm	1	5	.3
8..	58.40	56.22	24.5	33.8	92	48	Calm	ENE 1	9	8	.....
9..	58.12	55.94	22.3	32.9	92	57	Calm	E 1	9	7	.8
10..	58.77	55 99	23	33	93	55	Calm	E 1	9	4	.....
11..	57.81	54.66	22.5	32.8	99	61	Calm	Calm	10	1	.....
12..	56.77	53.77	22.4	33.6	92	64	Calm	SE 1	1	2	4.6
13..	56.85	54.83	21.8	34.9	97	49	Calm	SE 1	1	4	1
14..	58 08	55.38	23.4	33.5	96	55	Calm	Calm	1	1	5.1
15..	58.28	54.64	22	32.9	93	57	Calm	Calm	10	1	2
16..	56.72	54.30	22	32.6	96	55	Calm	ENE 1	5	5	.5
17..	57.49	55.10	23	33	96	56	Calm	Calm	9	3	.8
18..	57.67	55.12	22.6	33	96	57	Calm	Calm	10	2	70.6
19..	57.87	55.53	22.6	32.1	95	60	Calm	ENE 1	9	2	.....
20..	57.55	54.97	23.1	33.9	94	51	Calm	ESE 1	4	3	.....
21..	57.63	55.24	22	32.5	95	54	Calm	Calm	9	3	1
22..	57.59	54.47	23.5	33.1	98	46	Calm	Calm	10	8	.....
23..	56.42	54.13	22.4	35	91	43	Calm	SSW 1	0	1	.....
24..	57.15	55.74	24	33.9	94	48	Calm	Calm	8	1	.....
25..	58.42	56.45	24.5	33	95	53	Calm	Calm	9	1	.....
26..	57.90	55.65	24.5	33.3	96	52	Calm	SSW 1	8	1	.....
27..	56.97	55.55	23.4	33.7	92	60	Calm	ENE 1	8	0	.....
28..	57.41	55.18	25.8	33	91	56	Calm	Calm	9	4	.....
29..	57.69	55.52	24.4	31.6	92	63	Calm	E 1	9	2	7.9
30..	57.11	54.50	22.5	32.6	96	49	Calm	SSE 1	2	5	.8
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.97	55.62	22.9	32.9	94.8	55.2	0	0.5	6.8	3.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	118.5

Note: The barometric readings of this station seem to be too low by about 1.00 mm.

ECHAGÜE.

[ϕ=16° 41′ N; λ=121° 89′ E; barometer above sea, 56.1 meters; gravity correction not applied, —1.64 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.24	56.67	23	30.5	96	64	Calm	SSE 1	10	3	.....
2..	58.32	56.38	23.6	33	94	57	Calm	ENE 1	10	3	2.3
3..	57.33	54.40	24	32.5	97	58	Calm	WNW 1	8	1	1
4..	57.37	55.93	23	31.9	95	62	WbyS 1	E 1	9	3	29.5
5..	58.04	56.20	23.5	31.9	97	62	Calm	ESE 1	7	8	.....
6..	57.43	54.88?	22.1	34.4	95	51	Calm	NE 1	6	5	.....
7..	58.01	55.76	23.2	31.8	94	59	SE 1	ENE 1	10	3	.....
8..	57.39	55.12	23	33.4	95	53	Calm	SE 1	8	7	2.3
9..	57.69	55.44	23.4	33.3	97	63	Calm	NE 1	9	6	4.8
10..	57.31	55.05	23.5	33	97	59	Calm	Calm	9	8	.5
11..	56.46	53.49	24	34.6	98	58	Calm	Calm	9	6	40.1
12..	56.81	55.25	23.8	33.5	97	64	Calm	Calm	9	8	119.1
13..	57.88	55.35	22.2	33.5	97	58	Calm	E 1	4	8	.5
14..	58.92	56.25	23.4	33.8	96	56	Calm	E 1	9	7	.....
15..	60.31	56.80	22.4	33.4	97	58	Calm	Calm	10	3	.....
16..	59.41	56.75	22.8	34.4	93	51	Calm	Calm	4	2	.....
17..	58.99	56.39	21.4	34.8	90	45	Calm	Calm	2	2	.....
18..	60.14	57.77	23.4	33.7	97	51	Calm	Calm	8	2	.....
19..	59.36	56.25	22.4	33.7	93	52	S 1	Calm	9	2	.....
20..	57.82	55.34	21.9	33.1	96	53	Calm	SSE 1	0	2	3
21..	57.22	55.13	22.5	33.7	96	54	Calm	Calm	1	1	.....
22..	58.07	56.97	23.1	29.1	95	63	Calm	S 2	6	9	.....
23..	58.18	56.85	22.4	33	93	55	Calm	SbyW 1	1	8	.....
24..	58.23	55.77	23	34.3	93	54	Calm	NNE 1	8	6	21.8
25..	57.94	55.33	23.4	33	97	56	Calm	Calm	9	6	.....
26..	57.35	55.50	24	33.8	96	57	Calm	SE 1	9	8	.....
27..	58.21	56.50	22.7	33.5	97	58	Calm	Calm	9	9	.....
28..	57.91	55.64	23.9	33.8	96	54	Calm	Calm	9	7	.....
29..	57.60	54.42	23	35.4	91	50	S 1	SSE 1	7	6	.....
30..	57.18	55.41	25	35	91	49	Calm	S 1	8	4	.....
31..	57.77	55.61	25.2	35.3	90	48	Calm	W 1	5	6	.....
Mean	58	55.76	23.2	33.4	95	55.9	0.1	0.6	7.2	5.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	224.9

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.72	55.13	24.7	35.1	94	54	Calm	E 1	8	8	.....
2..	57.42	55.33	24	32.9	95	60	Calm	ESE 1	9	9	.....
3..	56.77	55.14	23.6	33	97	57	Calm	ESE 1	9	9	7.1
4..	57.73	55.17	23.6	34	97	53	Calm	SW 1	9	4	.....
5..	57.76	56.08	23	34.5	96	49	Calm	SSE 1	4	7	.....
6..	58.35	56.24	24.1	32.4	95	64	Calm	E 1	7	7	.....
7..	58.12	56.12	24	35	96	49	SSE 1	Calm	8	4	.....
8..	58.02	56.78	22.9	32.8	89	60	Calm	ESE 1	4	6	.....
9..	58.42	56.63	22.7	35.5	92	52	Calm	Calm	3	5	.....
10..	58.52	56.77	22	33.7	93	49	S 1	NE 1	0	9	.....
11..	58.13	56.59	22.8	32.5	93	55	Calm	E 1	1	8	.....
12..	57.55	56.22	22.5	35.2	96	47	Calm	E 1	7	5	.....
13..	57.92	55.82	21.6	34.8	95	43	S 1	Calm	0	7	.....
14..	58.31	56.13	22	35.1	94	46	Calm	SE 1	8	5	.....
15..	58.22	56.03	22.2	36.2	92	40	Calm	SE 1	2	3	.....
16..	57.90	54.72	22.6	37	95	41	Calm	SSW 1	1	5	.....
17..	56.61	53.31	24.3	35.5	88	44	Calm	E 1	3	5	.....
18..	56.22	53.61	25	37	89	38	Calm	NNW 1	3	7	.....
19..	57.92	55.63	23.5	34	94	53	Calm	ESE 1	6	7	.8
20..	58.17	55.11	23.2	36.6	93	45	Calm	S 1	1	2	.3
21..	57.52	54.93	24	35.4	98	45	Calm	WSW 1	10	7	9.9
22..	57.06	53.55	24.2	36	98	43	Calm	N 1	9	7	47
23..	56.53	54.38	22.4	33.2	97	56	Calm	E 1	9	7	11.9
24..	57.64	55.58	23.2	32.6	97	64	Calm	E 1	9	8	.....
25..	57.01	54.81	24	30.5	97	66	Calm	NE 1	9	8	1.3
26..	56.06	53.47	23.3	31	97	64	Calm	E 1	9	9	6.6
27..	55.18	54.50	23.4	29.3	95	69	Calm	SbyE 2	9	10	.3
28..	56.73	56.29	23	32.1	95	57	Calm	SE 1	9	9	.....
29..	58.86	56.33	24	33.4	97	50	Calm	Calm	10	3	.....
30..	58.40	56.17	24.3	33.3	89	54	Calm	NE 1	7	9	.....
Mean	57.56	55.42	23.3	34	94.4	52.2	0.1	0.9	6.1	6.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	85.2

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.89	56.54	24.4	30.6	97	63	Calm	Calm	10	7	.....
2..	56.78	54.97	24	31.6	94	62	Calm	ESE 1	9	8	11.7
3..	56.09	53.90	22.5	33.9	96	54	Calm	E 1	4	1	.....
4..	54.76	52.56	23.4	34.3	96	51	Calm	Calm	6	3	2.3
5..	53.40	51.37	23.4	34.6	97	55	Calm	Calm	9	7	21.1
6..	53.52	51.68	22.6	34.2	98	47	Calm	Calm	9	0	11.7
7..	53.84	52.70	23	34.4	96	49	Calm	SW 1	7	4	.....
8..	54.58	53.18	23.8	34.4	97	49	Calm	Calm	5	8	38.6
9..	54.58	53.15	23.9	33.3	96	62	Calm	NNE 1	9	9	.....
10..	54.93	52.75	23.6	33.2	97	59	Calm	Calm	9	8	1.3
11..	54.07	52.08	23.4	30.9	97	66	Calm	Calm	10	10	.....
12..	51.77	50.30	24	31	96	59	Calm	SSW 1	9	9	.....
13..	50.48	52.31	26.5	28	66	76	S 1	SSW 1	10	10	5.4
14..	53.73	53.18	26	32.5	69	54	S 1	SbyE 1	10	8	1
15..	56.15	55.09	22	29	97	71	Calm	Calm	10	9	.....
16..	56.53	54.65	22.4	28.1	96	77	Calm	NE 1	7	9	27
17..	54.28	53.40	23	24	99	99	N 1	Calm	10	10	49
18..	53.97	53.37	23	29.4	97	64	Calm	S 1	8	9	.....
19..	54	53.89	23	29.3	95	67	Calm	SW 1	10	10	.....
20..	55.13	54.82	24	31	83	60	SW 1	S 1	7	8	.....
21..	55.04	54.21	22.5	33.1	96	57	Calm	S 1	4	9	.....
22..	56.67	55.11	23.1	33.8	94	54	Calm	Calm	7	9	.....
23..	58.40	56.28	23.4	32	96	69	Calm	E 1	9	8	5.3
24..	57.63	55.89	22.3	31	97	70	Calm	Calm	8	9	11.4
25..	56.72	54.58	22.8	32.4	97	59	Calm	S 1	10	9	3.8
26..	56.29	54.20	22.8	33	97	61	Calm	Calm	7	7	.3
27..	55.30	53.01	24	31.4	97	67	Calm	Calm	9	7	19.6
28..	54.28	52.18	22.7	32	97	67	Calm	Calm	2	7	18.8
29..	53.95	52.18	23.3	32.6	97	65	Calm	Calm	10	8	3.6
30..	54.39	53.20	23.4	33	97	59	Calm	Calm	10	1	31
31..	54.39	53.28	23.4	32.9	97	60	Calm	Calm	10	3	22.4
Mean	54.95	53.55	23.4	31.8	94.2	62.3	0.1	0.5	8.2	7.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	285.3

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	55.14	53.63	23.8	33.3	97	55	Calm	Calm	9	2	.....
2..	55.30	53.89	23.5	33.5	97	56	Calm	Calm	6	5	16.8
3..	55.68	54.08	24.4	32.1	96	61	Calm	Calm	10	8	51.3
4..	55.44	54.08	23.5	29.4	97	71	Calm	Calm	10	9	.....
5..	55.82	54.90	23.4	32.3	97	62	Calm	Calm	9	8	.....
6..	57.95	56.06	23.9	32.7	93	62	Calm	E 1	9	7	.....
7..	57.72	55.62	23.6	31.7	96	62	Calm	E 1	9	8	.....
8..	56.98	55.50	24.2	31.2	96	71	Calm	ENE 1	9	9	.3
9..	57.76	56.20	24	29.5	96	75	Calm	Calm	9	7	1.1
10..	56.75	54.54	24.1	30	96	75	Calm	NE 1	10	9	6.4
11..	50.05	51.75	24	24.5	90	92	S 1	SSE 1	10	10	25.7
12..	55.23	54.13	24.4	34	81	56	S 1	SSE 1	9	8	.....
13..	57.38	54.94	23.5	33	90	58	Calm	Calm	9	8	.....
14..	56.69	54.84	24.4	34.2	95	59	Calm	Calm	0	1	.....
15..	56.04	53.81	26	33.1	92	60	Calm	Calm	8	5	.....
16..	53.95	51.16	22.5	32.8	96	59	Calm	S 1	6	9	.....
17..	50.45	47.98	23.5	30.1	96	67	Calm	Calm	10	10	2.8
18..	48.23	48.33	23.5	31.3	79	55	Calm	S 1	10	10	.....
19..	51.68	51.76	26	29.4	76	66	S 1	S 1	10	9	.....
20..	54.23	54.19	26.2	29.4	75	68	Calm	Calm	10	10	.....
21..	57.37	55.43	23	34.3	96	52	Calm	Calm	8	5	22.6
22..	59.31	56.82	22.2	33.7	97	57	Calm	Calm	1	1	3
23..	58.58	56.97	23.4	33.5	96	59	Calm	Calm	9	1	12.7
24..	59.81	57.68	22.5	33	96	60	Calm	E 1	1	1	.....
25..	59.14	56.50	24	33	91	55	Calm	Calm	8	1	44.7
26..	58.30	55.70	23.6	32.3	97	62	Calm	Calm	9	1	5.6
27..	57.59	55.22	24	33.8	97	58	Calm	Calm	8	1	1
28..	58.35	55.65	24.5	31	96	72	Calm	NEbyN 1	8	5	.....
29..	57.29	55.10	24	32.7	96	65	Calm	Calm	7	6	.....
30..	55.33	53.38	23.4	34.6	97	57	Calm	Calm	6	1	6.1
31..	55.19	53.12	24.3	33.9	97	53	Calm	Calm	7	2	.....
Mean	55.96	54.29	23.9	32	93.1	62.6	0.1	0.4	7.9	5.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	200.1

ECHAGÜE.

[ϕ=16° 41′ N; λ=121° 39′ E; barometer above sea, 56.1 meters; gravity correction not applied, —1.64 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1..	55.27	53.65	23.6	32.8	95	62	Calm	Calm	8	7	0.8
2..	55.13	53.05	23.6	32.6	95	64	Calm	Calm	7	8	8.1
3..	54.94	53.28	23.3	33.4	97	59	Calm	S 1	8	6	4.8
4..	56.38	54.27	23.5	30	99	71	Calm	Calm	10	9	1.3
5..	56.20	54.01	23.9	33.1	97	66	Calm	Calm	9	6	3.3
6..	56.22	54.61	24	33	94	59	Calm	Calm	8	5	.....
7..	55.81	53.40	23	33	96	61	Calm	Calm	6	8	.....
8..	55.72	54.33	24.5	29	97	78	Calm	Calm	9	10	.....
9..	56.32	54.50	23.9	30.8	97	71	Calm	Calm	9	9	2.8
10..	55.21	52.98	24	27.7	96	87	Calm	Calm	9	10	3.8
11..	49.76	50.67	24.8	29.9	79	59	S 2	S 2	10	10	.....
12..	54.26	54.35	26.4	33.9	69	53	S 1	S 1	8	7	.....
13..	57.73	57.15	22.7	31.8	96	64	Calm	Calm	3	8	5.8
14..	58.35	58.30	23.5	26.1	97	82	Calm	Calm	9	10	12.7
15..	59.38	56.55	21	32.2	96	59	Calm	E 1	4	1	.....
16..	58.42	56.04	24.3	33.5	97	58	Calm	E 1	10	2	.....
17..	57.61	56.69	24	31.6	97	56	Calm	Calm	6	8	3
18..	58.89	57.24	23.7	29.6	97	73	Calm	Calm	9	9	.....
19..	59.39	56.76	23.9	33.4	97	56	Calm	NE 1	8	5	.....
20..	58.62	56.34	23.1	31.5	96	60	Calm	Calm	8	7	.....
21..	58.33	57.39	23	27.5	95	73	Calm	SW 1	9	9	2
22..	58.88	57.27	21.9	25.4	95	86	Calm	E 1	8	9	6.4
23..	57.80	55.12	22.1	31.8	95	59	Calm	Calm	4	6	.....
24..	57.50	54.49	24.2	32.8	94	57	Calm	Calm	9	6	.....
25..	56.30	53.47	24.7	31.3	96	60	Calm	ENE 1	9	7	5.8
26..	55.80	54.61	24.6	31.4	95	63	Calm	Calm	9	8	.....
27..	56.97	54.51	24.9	31.8	95	65	Calm	E 1	10	7	5.3
28..	55.58	53.62	23.1	32.3	97	59	Calm	ESE 1	9	3	33.8
29..	55.50	53.94	23.4	33	97	58	Calm	Calm	7	6	.5
30..	56.31	54.48	23	33.3	97	59	Calm	Calm	4	6	23.9
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	56.62	54.90	23.7	31.3	94.7	64.6	0.1	0.4	7.9	7.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	124.1

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1..	58.07	55.95	23.6	27.4	96	89	Calm	E 1	9	8	11.5
2..	58.55	56.96	23.5	26.8	96	81	Calm	WSW 1	10	8	10.4
3..	58.15	55.73	22.4	29.9	96	72	Calm	ENE 1	9	9	.5
4..	57.28	54.84	23.4	26.5	97	88	Calm	Calm	9	8	8.1
5..	55.48	53.88	23.5	26	97	92	Calm	Calm	9	9	38.1
6..	53.35	50.91	24	27.5	97	85	Calm	ENE 1	10	9	44.1
7..	51.30	49.42	23.5	31	97	65	Calm	N 2	9	8	.....
8..	52.98	52.07	23.5	28	97	82	Calm	Calm	8	9	2.3
9..	55.86	55.05	24	27.3	96	81	Calm	Calm	10	9	.....
10..	56.83	55.90	24.3	26.5	97	83	Calm	Calm	10	9	6.4
11..	57.79	56.41	23.6	30.4	99	72	Calm	Calm	10	9	.5
12..	58.72	56.91	23.3	33	97	57	Calm	E 1	1	4	.....
13..	59.31	57	23.4	32.4	96	61	Calm	Calm	3	8	3.8
14..	59.24	56.01?	24.5	30.4	96	72	Calm	Calm	9	7	13.7
15..	58.54	55.70	22.6	31.8	97	59	Calm	Calm	6	1	13.2
16..	58.28	56.22	22.7	30.3	97	68	Calm	Calm	9	7	.3
17..	57.39	56.16	22.2	27.6	99	79	Calm	E 1	10	9	4.3
18..	57.99	55.54	22	29.1	98	70	Calm	E 1	2	7	13
19..	57.78	56.91	23.4	26.3	97	85	Calm	Calm	9	9	18.3
20..	58.03	55.85	23.4	30.7	98	67	Calm	Calm	9	6	11.9
21..	57.94	55.56	23.5	31.4	97	66	Calm	Calm	9	4	.8
22..	57.96	55.41	23.5	32.6	97	60	Calm	Calm	9	6	1.3
23..	58.31	56.40	24.4	28.9	97	78	Calm	SE 2	9	9	.3
24..	58.03	55.80	23.5	31	97	69	Calm	SE 1	8	8	.....
25..	57.74	54.86	22.9	33.2	95	56	Calm	Calm	7	1	.....
26..	57.06	54.56	23.2	31.8	96	59	SSE 1	Calm	4	7	.....
27..	56.51	54.38	22.4	31.9	96	61	Calm	Calm	4	7	.....
28..	57.43	55.88	23.2	32.5	95	62	Calm	Calm	8	2	.....
29..	59.28	57.50	22	32	93	57	Calm	Calm	4	6	.....
30..	59.30	58.17	23	28.3	96	80	Calm	ENE 1	7	9	.....
31..	58.77	56.90	22.5	31.9	97	58	Calm	Calm	0	8	.....
Mean	57.40	55.45	23.3	29.8	96.6	71.4	.....	0.4	7.4	7.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	202.8

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1..	58.43	56.35	21.4	32.4	96	54	Calm	WSW 1	0	1	.....
2..	58.47	56.62	21.5	31.6	95	56	Calm	Calm	2	2	.....
3..	58.56	58.18?	22.9	32	94	58	Calm	NE 1	5	4	.....
4..	59.72	59.15	22.3	28	95	74	Calm	Calm	4	9	2.3
5..	60.81	59.34	23.4	25.4	97	93	Calm	Calm	10	10	26.9
6..	60.77	59.12	22.9	25.8	97	88	Calm	Calm	10	9	6.3
7..	60.98	59.89	22.4	26	98	87	Calm	Calm	10	9	8.1
8..	60.82	60.31	22.8	24.1	98	96	Calm	NE 1	10	10	3.6
9..	59.81	57.40	22	25.4	96	93	Calm	Calm	9	9	6.1
10..	57.99	56.36	23.4	29.3	97	76	Calm	ENE 1	9	8	5.6
11..	58.46	57.58	23	24.4	97	94	Calm	E 1	9	10	9.4
12..	60.63	58.67	21.4	25.3	96	85	Calm	ENE 1	10	9	.8
13..	61.49	59.56	21.2	27	96	80	Calm	Calm	9	7	7.9
14..	60.04	57.78	21.7	28.4	96	68	Calm	ENE 1	9	7	.....
15..	58.45	56.56	22.6	27.2	95	78	Calm	NNE 1	10	9	.....
16..	58.96	58.09	21.5	24.5	96	87	Calm	N 2	10	8	1.6
17..	59.75	57.76	21.3	26.2	95	75	Calm	Calm	10	9	.8
18..	58.67	56.84	21.9	27.2	97	75	Calm	ENE 1	10	9	.8
19..	57.96	56.74	22	25.5	96	82	Calm	ENE 1	10	9	1.5
20..	59.26	58.19	22.1	24	96	92	Calm	NNE 1	10	10	9.4
21..	60.88	60.44	21.1	21.5	95	97	Calm	Calm	10	10	126.5
22..	60.55	59.66	22	22.9	99	97	Calm	NNW 1	10	9	41.7
23..	60.15	58.09	21.5	25	98	92	Calm	NbyE 1	10	9	35.9
24..	59.61	57.44	22.4	25.4	98	88	Calm	NNE 1	8	10	55.7
25..	59.38	59.09	21.5	22	96	91	Calm	Calm	10	10	42.7
26..	59.37	57.93	21.5	24.5	98	88	Calm	Calm	10	10	1.8
27..	58.77	56.67	22	28	98	77	Calm	Calm	9	8	30.5
28..	59.38	58.11	22.6	27	97	77	Calm	E 1	10	9	1.5
29..	59.97	59.67	23.1	27.9	97	78	Calm	NNE 1	10	9	17
30..	60.51	58.34	22.5	28	98	79	Calm	E 1	10	9	1.8
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.62	58.20	22.1	26.4	96.6	81.8	0	0.6	8.8	8.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	446.2

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm
1..	59.67	57.30	22.5	29.1	96	73	Calm	Calm	10	4	0.8
2..	60.03	57.99	22.1	27.6	95	73	Calm	Calm	9	8	25.4
3..	60.38	59.26	22.2	27.5	97	73	Calm	Calm	10	3	.8
4..	61.44	60.96	22.5	23.6	97	95	Calm	ENE 1	9	10	24.9
5..	61.67	59.85	21.2	25.5	97	82	Calm	Calm	10	8	2.3
6..	59.88	57.30	22	27.4	96	78	Calm	NNE 1	10	9	18.1
7..	58.59	57.03	20	23.3	96	86	N 2	NE 1	10	10	3.5
8..	58.69	57.24	19.9	24.4	97	82	Calm	E 1	10	9	1.8
9..	58.71	57.60	20	21.2	96	96	Calm	Calm	10	10	18.8
10..	58.77	57.50	21.5	22.4	99	96	Calm	NE 1	10	10	30
11..	57.72	56.25	21.7	25.1	97	89	Calm	Calm	10	9	6.9
12..	57.55	56.86	22.6	28.9	97	71	Calm	Calm	9	8	.....
13..	58.66	56.85	22.4	29	96	73	Calm	E 1	10	6	.....
14..	58.31	56.90	21.8	30.5	97	65	Calm	E 1	9	3	1.3
15..	59.24	58.40	22.7	23.5	94	97	Calm	NE 1	10	10	14.8
16..	59.13	57.32	21.4	26	97	78	Calm	E 1	10	9	.8
17..	58.55	57.38	22.2	26.9	96	82	Calm	ENE 1	10	9	19.6
18..	59.53	59.10	22.5	25.4	97	85	Calm	NNW 1	10	9	16.3
19..	61.03	59.91	21.2	25	96	89	Calm	NE 1	10	10	5.6
20..	60.68	58.97	20.6	23	97	95	Calm	NE 1	10	10	22.8
21..	59.67	57.89	21.4	24.9	96	92	Calm	Calm	9	9	24.4
22..	59.06	58.03	22.3	27.7	97	79	Calm	E 1	9	7	7.1
23..	58.73	57.28	22.3	27.1	97	81	Calm	ENE 1	9	8	12.2
24..	59.42	57.83	21	24.6	97	76	N 1	N 1	10	9	1.5
25..	59.43	57.48	20	25.1	95	76	NNE 1	NNE 1	10	8	.....
26..	58.90	57.42	19.8	25.4	96	77	Calm	NE 1	9	9	.3
27..	59.64	59.05	19	22.8	96	71	NNE 1	NE 1	10	8	.....
28..	60.92	59.30	18.6	22.2	94	74	Calm	Calm	10	10	.....
29..	60.65	59.22	18.4	21	96	91	Calm	Calm	10	10	2
30..	60.91	60.41	17.7	20.5	97	91	Calm	NNE 1	10	10	.6
31..	62.22	60.45	17.6	22.1	95	77	Calm	Calm	10	0	.....
Mean	59.61	58.20	21	25.1	96.3	82	0.2	0.6	9.7	8.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	262.6

CANDON.

[ϕ=17° 12′ N; λ=120° 26′ E; barometer above sea, 6 meters; gravity correction not applied, —1.62 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.50	56.69	23.5	29.6	84	69	Calm	W 1	3	4	.....
2	59.11	58.01	25.5	29.7	86	73	Calm	NNW 3	2	5	.....
3	59.88	58.80	24.5	31	87	61	Calm	NNW 2	8	4	.....
4	61.23	60.82	23.5	31.5	72	58	N 1	S 1	3	5	.....
5	63.26	.....	23.4	29.5	68	64	Calm	SSW 1	10	4	.....
6	.....	.....	21.6	28.2	76	69	Calm	SW 1	7	8	.....
7	63.21	62.02	21.7	27.8	84	69	Calm	SW 1	3	4	.....
8	63.28	.....	23.4	29.5	84	64	Calm	SW 1	7	5	.....
9	64.14	62.96	22.7	29.9	69	56	NNE 1	SSW 1	4	3	.....
10	64.51	62.48	23.4	30.7	62	58	NNE 4	NNE 4	2	4	.....
11	63.74	61.76	23.5	29.5	56	51	NNE 4	NNE 4	8	3	.....
12	62.27	61	22.4	29.2	68	60	Calm	SSW 1	10	4	.....
13	62.36	59.54	24.2	30.5	80	63	Calm	WNW 1	10	7	.....
14	61.28	59.96	23.4	29.2	81	73	Calm	SW 1	8	5	.....
15	61.06	58.73	22.4	30.4	82	64	Calm	NNW 2	4	6	.....
16	59.99	59.18	22.7	29	72	64	NNE 1	SW 1	1	0	.....
17	60.72	59.09	21.8	29.2	80	63	Calm	NW 2	1	0	.....
18	60.40	57.52	21	29.2	85	61	Calm	NW 1	4	9	.....
19	60.19	57.71	24.1	28.2	77	62	Calm	SW 1	7	8	.....
20	59.13	57.01	22.6	29	78	58	Calm	SW 1	3	4	.....
21	58.72	57.26	24.2	30	74	60	Calm	NW 1	9	4	.....
22	58.96	57.09	23.2	28.8	69	61	Calm	W 1	3	9	.....
23	59.51	57.88	23	29.5	79	59	Calm	NW 1	3	7	.....
24	59.13	58.01	22.5	29.5	78	67	NNE 1	SW 1	0	5	.....
25	59.58	58.69	22.4	29	78	60	Calm	SW 1	6	8	.....
26	60.74	58.65	22.7	29	77	59	NNE 1	W 1	9	2	.....
27	60.40	58.61	22.6	27.6	84	74	Calm	SW 1	8	9	.....
28	60	57.74	24.8	29	80	64	Calm	NW 3	8	4	.....
29	59.78	58.21	22.4	29.4	79	58	Calm	NW 2	8	4	.....
30	60.13	58.41	22.6	28.4	69	58	NNE 1	NW 2	8	5	.....
31	59.86	58.95	22.6	28.5	78	58	Calm	NW 1	4	6	.....
Mean	60.84	59.03	23	29.3	76.6	62.5	0.5	1.5	5.5	5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	59.67	58.07	22.9	31	70	53	Calm	SW 1	5	6	.....
17	59.31	57.64	21.5	31.9	83	51	Calm	SW 1	4	3	.....
18	59.61	57.78	22	30.9	87	54	Calm	W 1	4	3	.....
19	58.81	57.26	20.5	30.5	86	58	Calm	W 1	2	0	.....
20	59.49	57.96	21.9	30.5	79	65	Calm	SW 1	4	3	.....
21	59.15	57.60	21.7	30.8	78	60	Calm	SW 1	2	4	.....
22	59.43	57.89	20	29	90	61	Calm	W 1	3	4	.....
23	59.33	57.52	20.3	30.5	88	58	Calm	SW 1	2	5	.....
24	59.01	57.61	20.5	29.4	90	59	Calm	SW 1	4	4	.....
25	59.05	57.69	21.6	29	80	61	Calm	W 1	0	2	.....
26	58.89	57.26	21.7	30	80	65	Calm	NW 1	2	0	.....
27	58.73	56.40	23.1	29.9	82	60	Calm	NW 1	4	0	.....
28	57.95	57.23	23	30.2	79	65	Calm	W 1	0	3	.....
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.62	57.33	24	29.9	81	67	Calm	NW 1	0	3	.....
2	58.45	56.63	23.9	29.2	64	69	NNE 1	SW 1	0	4	.....
3	59.15	57.28	23.8	30.4	77	66	Calm	SW 1	1	0	.....
4	58.09	56.03	23.7	30.4	81	64	Calm	W 1	0	0	.....
5	58.61	57.07	24.8	30.4	77	68	Calm	NW 2	3	8	.....
6	59.29	57.99	25.4	30.2	80	71	Calm	W 2	4	7	.....
7	59.04	58.01	24	29.9	83	65	Calm	W 1	5	3	.....
8	58.27	56.85	24.4	30.4	83	67	Calm	NW 1	0	4	.....
9	58.63	57.02	24.7	31	82	64	Calm	SW 1	3	2	.....
10	59.42	56.56	24.4	30.2	82	64	Calm	W 1	1	0	.....
11	59.08	57.69	24.5	31.2	78	61	Calm	W 1	2	3	.....
12	58.73	57.12	24	30.8	81	67	Calm	NW 2	5	4	.....
13	58.59	57.36	24.2	30.5	85	66	Calm	W 1	2	0	.....
14	59.42	58.50	25	30.7	83	70	Calm	SW 1	7	2	.....
15	60.61	59.45	26.4	30.6	81	63	Calm	NW 1	8	7	.....
16	60.91	58.96	25.5	30.5	72	65	Calm	NW 1	8	7	.....
17	60.36	58.20	25	30.4	75	69	Calm	SW 1	6	9	2
18	60.08	59.14	24.9	30.5	84	73	NNE 1	NW 1	8	4	.....
19	60	58.74	23.4	30.9	85	69	Calm	NW 2	0	0	.....
20	59.79	58.94	24	30.6	87	70	Calm	SW 2	0	1	.....
21	60.08	59.45	24	30.9	86	71	Calm	SW 2	2	2	.....
22	61.20	60.19	24.2	30.7	82	70	Calm	NW 2	4	0	.....
23	60.22	59.44	24.6	30.5	79	65	Calm	W 2	8	7	1.3
24	59.62	58.86	24.7	30.5	86	68	Calm	W 1	10	8	.....
25	60.15	59	23.7	30	85	69	Calm	SW 1	7	9	.....
26	59.70	58.55	23.7	28.7	81	76	Calm	SW 1	8	10	5.6
27	59.97	60.01	24.5	29.2	89	75	Calm	W 2	7	9	.....
28	60.76	60.43	22.8	30.5	84	66	Calm	NW 1	0	1	.....
29	61.76	59.37	24.5	31.7	79	67	Calm	NW 3	7	0	.....
30	60.76	59.14	24.6	30.5	74	66	Calm	NW 2	4	4	.....
31	59.62	58.30	24	30.4	77	66	Calm	NW 2	3	1	.....
Mean	59.64	58.31	24.4	30.4	80.7	67.6	0.1	1.4	4	3.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.9

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.09	58.47	24	30.7	76	67	Calm	SW 1	3	1	.....
2	59.57	57.68	25	31.5	82	72	Calm	NW 1	5	3	.....
3	59.02	57.44	25.7	31.4	84	72	Calm	NW 2	10	5	.....
4	59.33	57.57	24.7	31	87	75	Calm	SW 2	5	4	.....
5	59.21	58.04	25.9	31.4	85	75	Calm	W 2	3	2	.....
6	58.53	57.34	25	31.6	84	75	Calm	NW 2	4	3	.....
7	58.52	57.13	25	31.7	85	74	Calm	SW 1	10	2	.....
8	58.05	55.94	23.5	30.5	84	67	Calm	SW 1	3	1	.....
9	57.82	56.97	25	31.8	83	71	Calm	W 1	1	3	.....
10	58.51	56.99	25.9	31.4	85	70	Calm	W 1	0	1	.....
11	57.18	55.44	25.4	31.6	87	72	Calm	W 1	2	0	.....
12	56.71	55.04	26.8	32.2	86	73	Calm	SW 2	3	2	.....
13	57.23	56.81	27	31.8	84	71	Calm	SW 2	10	3	36.8
14	58.49	57.02	25.7	30.6	89	79	Calm	SW 1	3	2	.....
15	58.49	56.27	25.7	30.5	91	79	Calm	SW 1	2	1	.....
16	57.33	56.44	25.5	31.7	92	77	Calm	NW 2	7	6	.....
17	57.06	56.49	25.7	31.9	89	72	Calm	W 1	4	7	.....
18	57.73	57.21	25.6	32	88	76	Calm	W 1	6	5	.....
19	57.76	56.22	25.5	31.8	88	77	Calm	W 1	4	1	1.8
20	57.26	56.14	25.5	31.6	89	60	Calm	W 1	3	2	.....
21	57.51	55.59	25	32.8	79	56	Calm	NW 1	5	6	.....
22	57.37	55.68	25	31.9	80	63	Calm	SW 1	10	6	.....
23	56.69	55.97	25.6	32.4	80	63	Calm	SW 1	3	0	.....
24	57.77	56.99	26.9	32.7	79	55	NE 1	NW 2	0	0	.....
25	58.36	57.23	24.8	31.8	82	65	Calm	SW 1	1	0	.....
26	57.76	56.63	25.7	32.2	81	63	Calm	SW 1	2	1	.....
27	57.38	56.93	25.6	31.6	83	63	W 1	SW 1	0	1	.....
28	57.39	56.03	25.9	32	80	60	Calm	NW 3	0	2	.....
29	57.18	55.46	25.5	32.2	80	65	Calm	SW 2	0	1	.....
30	56.25	56.93	27	31.8	80	64	Calm	SW 4	2	4	7.6
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.92	56.67	25.5	31.7	84	69	0.1	1.5	3.7	2.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46.2

NOTE: This station was temporarily closed on February 1 to 15.

CANDON.

[ϕ=17° 12′ N; λ=120° 26′ E; barometer above sea, 6 meters; gravity correction not applied, —1.62 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.48	56.79	25.2	30.7	86	69	Calm	NW 2	7	0	.....
2..	58.19	57.24	26	31.8	84	62	Calm	NW 1	3	2	.....
3..	57.46	55.63	25.6	31.5	83	67	Calm	SW 1	4	2	.....
4..	57.91	56.38	25.8	31.5	81	61	Calm	NW 2	7	4	.....
5..	58.06	56.28	26	31.8	82	70	Calm	SSW 1	9	10	6.4
6..	57.72	56.86	26.5	31.2	88	71	Calm	NW 1	10	9	4.6
7..	57.63	55.98	24.8	31.5	88	69	Calm	NW 1	8	6	10.2
8..	57.06	56.82	25.6	31	88	69	Calm	SW 2	9	7	31.7
9..	57.45	57.26	25	30	87	75	Calm	SW 2	8	10	5.3
10..	57.63	57.41	25.8	28.5	88	80	N 1	SSW 2	10	10	1.3
11..	57.22	56	25	30.6	87	73	Calm	SW 1	7	9	.....
12..	57.83	57.04	26.7	31.2	86	74	Calm	SW 1	7	4	.....
13..	58.49	56.94	28	32	83	69	Calm	SW 1	10	3	1
14..	59.28	57.97	26.8	32	85	76	Calm	W 1	5	4	3.3
15..	59.75	58.22	24.8	32	87	69	Calm	NW 1	6	4	.....
16..	59.63	57.97	26.7	32	79	70	Calm	SW 1	3	2	.....
17..	59.29	58.22	26.2	32.4	85	71	Calm	W 1	2	3	.....
18..	60.11	59.04	25	32	83	66	Calm	NW 1	1	1	.....
19..	59.47	58.02	25.5	32.5	84	72	Calm	W 1	1	3	.....
20..	57.38	56.52	24.7	32.5	82	63	Calm	NW 1	2	1	.....
21..	57.54	56.26	26.4	32.5	85	66	Calm	W 1	0	3	.....
22..	58.18	56.72	27	32.2	77	68	Calm	SW 1	7	6	.....
23..	58.73	57.97	26	32	82	72	Calm	W 1	5	7	15.2
24..	58.61	57.24	25.4	31.5	88	73	Calm	NW 1	9	8	5.3
25..	57.93	56.37	26.5	31	88	76	Calm	SW 1	9	7	14.2
26..	57.89	56.66	26.1	30.4	90	80	Calm	SW 1	6	8	10.4
27..	58.75	57.64	25	30.6	92	80	NNE 1	SW 1	9	4	25.7
28..	58.58	56.57	26.6	31.1	91	77	Calm	W 1	9	5	.....
29..	58.26	56.45	26.5	31.1	93	77	Calm	SW 1	10	4	3.3
30..	57.17	57.24	25.4	31.7	92	78	Calm	WSW 1	3	8	4.3
31..	58.12	57.07	25.5	32.2	91	79	Calm	WNW 1	9	4	6.4
Mean	58.22	57.06	25.9	31.5	86.	71.7	0.1	1.2	6.3	5.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	148.6

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12.) 6 a. m.	Wind, direction and force (0-12.) 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.23	57.14	25.7	31.5	94	79	Calm	SW 1	8	5	35.8
2..	57.71	56.54	26	30.5	95	81	Calm	SW 1	10	7	.....
3..	57.36	56.44	26	31.5	89	78	Calm	SW 1	8	9	3.6
4..	57.02	56.59	25	31.2	92	75	Calm	W 1	7	4	.....
5..	57.86	57.43	25.5	32.1	91	76	NNW 1	NW 1	3	7	1.3
6..	58.52	57.42	25.5	31.7	91	77	Calm	W 1	9	8	.....
7..	58.22	57.08	25.9	32	89	78	Calm	W 1	3	4	.....
8..	58.29	57.58	25.5	31.8	92	72	Calm	SW 1	7	6	1
9..	58.79	57.63	26.3	31.2	90	77	Calm	W 1	4	6	.....
10..	58.52	57.94	25	32	90	70	Calm	SW 1	4	3	.....
11..	58.18	56.79	26.5	32.5	90	72	Calm	SW 1	4	5	.....
12..	57.28	56.42	26.5	32.2	91	75	Calm	SW 1	7	4	.....
13..	57.31	56.17	25.4	31.9	90	76	Calm	W 1	3	2	.....
14..	57.63	56.62	26.4	32.8	89	72	Calm	SW 1	2	1	.....
15..	58.13	57.72	26.7	32.4	90	72	Calm	WSW 1	4	2	.....
16..	58.14	56.72	26	32.5	90	73	Calm	W 1	2	3	.....
17..	57.06	55.06	27	32.4	89	76	Calm	SW 1	7	4	1
18..	56.67	55.87	27.2	32.2	90	71	Calm	SW 1	2	2	.....
19..	57.81	57.46	26.5	32.2	90	75	Calm	SW 1	3	8	19
20..	58.22	58.18	25.4	31.2	93	77	Calm	SW 2	9	9	2.8
21..	58.19	56.94	25.4	31.6	93	75	Calm	SW 1	9	6	80.3
22..	57.02	56.33	25	29.5	92	81	Calm	SW 3	10	8	20.3
23..	56.63	55.94	24.9	30.6	92	73	Calm	W 1	9	9	54.6
24..	57.02	56.86	25	30.5	93	80	Calm	SW 1	10	7	31.7
25..	57.07	55.74	25.6	30.5	93	82	Calm	SW 1	10	10	10.2
26..	56.12	54.55	24.5	29.5	94	81	Calm	SW 1	2	9	62.7
27..	55.68	55.59	24.8	29.2	93	81	Calm	SSW 3	10	9	17.5
28..	57.13	57.09	24.4	29.9	95	84	Calm	SW 1	10	10	35.6
29..	58.52	58.05	25.5	29.4	93	85	Calm	W 1	10	4	.....
30..	57.93	57.19	25.2	31.5	90	82	NNE 1	W 1	1	4	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.61	56.77	25.7	31.3	91.4	76.9	0.1	1.2	6.2	5.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	377.4

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.01	56.19	25.7	29.6	93	86	Calm	SW 1	5	9	.....
2..	56.46	56.29	26.5	30.9	89	83	Calm	WSW 1	3	9	1
3..	56.71	55.80	25.6	31.2	94	81	Calm	W 1	2	3	.....
4..	55.60	54.87	26.5	31	91	81	Calm	SW 2	1	9	11.4
5..	54.63	54.79	25.5	28.5	95	86	Calm	SSW 2	9	10	5.3
6..	54.50	54.35	25.4	29.8	92	83	Calm	SSW 2	3	10	1
7..	55.13	55.06	26	30	89	82	S 3	SW 1	9	8	.....
8..	55.03	54.68	25.7	30.9	92	81	Calm	S 2	7	9	.....
9..	55.03	54.74	25.7	31	94	79	Calm	SSW 3	8	7	13.2
10..	55.25	55.82	25.8	27.7	90	87	Calm	S 1	9	10	20.1
11..	55.57	54.92	25.6	28.6	89	80	SW 2	SSW 2	10	10	21.6
12..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14..	55.42	55.34	25.4	27.7	91	86	S 2	S 2	10	10	24.1
15..	55.83	55.51	26.5	28.6	93	80	SSW 2	SW 1	10	10	.....
16..	56.62	55.11	25.4	30.4	87	74	Calm	NNW 1	9	9	2.5
17..	54.20	53.18	26.4	27.1	89	87	Calm	S 1	10	10	30
18..	52.96	53.69	24.5	26.8	90	86	Calm	S 1	10	10	22.6
19..	53.50	54.19	24.9	25.8	89	87	Calm	S 1	10	10	12.7
20..	54.33	56.07	26	26.8	76	83	S 2	S 2	10	10	11.7
21..	55.88	56.49	25	29.1	83	73	Calm	SSW 1	10	10	8.6
22..	57.58	57.39	24.4	29.8	88	77	Calm	SSW 2	10	9	.....
23..	58.82	58.50	25	29.9	87	75	Calm	SW 1	9	9	12.2
24..	57.88	57.58	24.8	29.5	88	77	Calm	SSW 1	9	9	4.6
25..	56.19	56.53	24	30	90	71	Calm	SW 1	10	9	3.3
26..	56.96?	56.19	25.6	29.8	87	75	Calm	SSW 2	10	9	1
27..	55.72	55.81	25.5	28	85	83	Calm	SSW 1	10	10	14.2
28..	55.49	55.04	24.5	27.5	87	86	Calm	SSW 1	10	10	82.3
29..	55.48	55.30	25	27.7	92	83	Calm	S 1	10	10	10.4
30..	55.82	56.35	25.4	27.5	90	84	Calm	S 2	10	10	51.8
31..	56.18	55.23	25	29.7	91	76	Calm	SW 3	9	5	12.7
Mean	55.72	55.55	25.4	29	89.3	81.1	0.4	1.5	8.3	9.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]378.3

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12.) 6 a. m.	Wind, direction and force (0-12.) 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	55.79	56.11	25.5	29	88	77	SSW 2	S 4	10	9	1.8
2..	56.32	56.43	25.4	29.2	88	81	Calm	SSW 2	10	9	.....
3..	56.43	56.26	26.6	30	89	79	Calm	SW 1	10	10	47
4..	56.79	55.60	25.4	28.5	88	81	Calm	W 2	10	10	8.1
5..	56.67	56.69	25.2	28.5	92	79	Calm	SW 4	10	8	2.8
6..	57.92	57.19	24.6	29.5	90	79	Calm	S 1	9	8	.....
7..	57.79	56.20	25.2	30.8	88	71	Calm	NNW 2	9	5	.....
8..	57.33	55.58	26.6	31	87	76	Calm	SW 1	4	5	25.4
9..	57.38	56.53	24.6	29.7	91	83	Calm	W 1	4	10	.....
10..	57.72	55.66	25.2	30.5	89	78	Calm	WNW 1	8	9	3.8
11..	53.17	53.11	26.6	25.6	92	93	SW 1	SW 4	10	10	151.4
12..	55.68	56.16	25.4	30.4	88	76	S 1	SW 2	10	10	.....
13..	57.83	56.88	24.8	29.5	89	79	Calm	SW 1	10	10	.....
14..	57.15	56.51	24.7	30.4	90	72	Calm	NW 1	3	2	.....
15..	57.06	56.20	25.8	30.7	87	78	Calm	NNW 2	4	8	.....
16..	55.77	53.54	25.5	30.6	88	75	Calm	NW 2	10	8	8.6
17..	52.73	51.48	26	28	89	89	Calm	W 1	10	10	11.7
18..	51.56	51.77	27	26	87	92	SSW 1	SSW 1	10	10	70.9
19..	53.53	54.67	25.7	26	86	89	S 2	SSW 1	10	10	40.9
20..	55.75	55.45	25.3	29	91	83	Calm	SSW 1	10	9	.....
21..	58.43	57.89	26	30	88	83	Calm	SSW 1	8	9	.....
22..	58.94	58.86	25.7	30.4	91	78	Calm	W 1	9	3	.....
23..	59.11	58.82	26.2	30.9	89	78	Calm	WNW 2	2	2	8.1
24..	59.83	58.76	24.4	30.5	88	79	Calm	SW 1	1	8	23.1
25..	59.59	57.98	24.4	30.5	91	79	Calm	W 1	1	8	4.1
26..	58.21	57.26	25.5	30.5	88	81	Calm	SW 1	4	5	.....
27..	57.69	57.04	26.2	30.7	90	78	Calm	WNW 1	1	3	.....
28..	58.46	57.29	27.6	31.2	91	75	Calm	NNW 1	2	4	.....
29..	57.67	55.70	26.6	31.1	90	78	Calm	NW 2	2	1	.....
30..	55.68	54.67	26.9	31.4	90	73	Calm	SW 1	3	0	.....
31..	55.08	54.18	25.7	31.4	87	74	Calm	SW 1	3	1	6.6
Mean	56.74	56.05	25.7	29.7	89	79.5	0.2	1.5	6.7	6.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	414.3

[a] 29 days of observation.

CANDON.

[ϕ=17° 12′ N; λ=120° 26′ E; barometer above sea, 6 meters; gravity correction not applied, —1.62 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	55.16	54.07	27	31.4	91	77	Calm		W	1	9	8	1.5
2..	55.12	53.74	26	30.5	89	78	Calm		SW	1	9	9	11.7
3..	55.09	54.96	25.7	29.4	93	79	Calm		SW	3	10	10	7.1
4..	56.28	55.36	25.7	30.2	91	83	Calm		W	1	10	10	3.8
5..	56.78	55.66	26.4	29.7	90	83	Calm		SW	1	8	7	2.5
6..	56.93	55.78	25.6	30	93	80	Calm		SW	1	8	4	13.5
7..	56.38	54.99	25.4	30.4	90	78	Calm		SW	1	8	4	.....
8..	55.68	54.94	26.4	30.6	90	78	Calm		SW	1	9	10	1
9..	56.64	55.24	25.7	30.6	91	78	Calm		W	1	5	10	34.8
10..	56.61	54.82	26	28	92	91	Calm		W	1	10	10	114.3
11..	54.50	53.58	24	26.1	93	95	S	2	S	1	10	10	149.1
12..	55.97	56.46	24.6	27.8	94	91	Calm		Calm		10	10	12.8
13..	57.93	57.48	24.5	29.7	91	83	Calm		WNW	1	2	8	.....
14..	58.28	58.12	24.5	28	92	88	NNE	1	Calm		1	10	.....
15..	59.48	57.46	25	29.9	92	76	Calm		W	1	5	8	7.9
16..	58.73	57.43	24.6	30	92	80	Calm		NNW	1	4	7	.....
17..	57.12	56.81	25.5	30.4	92	82	Calm		SW	1	4	10	.....
18..	58 71	57.49	26	30.5	92	78	NNE	1	NW	1	8	9	.....
19..	59.27	57.50	26.5	31	92	79	Calm		NW	1	4	3	1.3
20..	58.38	57.11	24.6	30.2	92	84	N	1	SSW	1	4	8	45.2
21..	57.98	57.49	24.6	30.5	92	81	Calm		SSW	1	6	7	.....
22..	58.58	57.73	24.6	29.9	90	77	Calm		W	1	8	9	5.1
23..	57.74	56.66	24.5	29.6	91	81	Calm		W	1	2	3	3.3
24..	57.52	55.63	25	29.5	92	84	Calm		SW	1	2	4	.....
25..	56.16	54.34	25.7	30.6	93	80	Calm		SW	1	3	5	6.9
26..	55.71	55.41	25.2	30.2	91	77	Calm		W	1	4	3	3.3
27..	57.27	55.44	25.6	30	92	80	Calm		SW	1	7	4	29.2
28..	56.62	55.23	25	29.9	92	82	NNE	1	W	1	10	4	15
29..	56.29	56.98	26	30	92	78	Calm		SW	2	6	8	.....
30..	56.82	56.35	25.5	30.5	91	79	Calm		SW	1	9	8	.....
31..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	56.99	56.01	25.4	29.8	91.6	81.3	0.2		1		6.5	7.2	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	469.3

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	58.56	57.23	25.7	30.6	91	73	Calm		SW	1	8	9	3.8
2..	58.48	56.86	24.8	29.5	92	79	Calm		Calm		9	10	.....
3..	58.01	56.36	25.5	30.5	92	78	Calm		W	1	8	3	16.5
4..	57.73	55.33	26	30.2	92	82	Calm		SW	1	7	5	44.4
5..	55.72	53.95	25.4	30	90	82	NNE	1	NW	1	9	8	.....
6..	53.35	50.95	25	30.5	92	83	Calm		NW	1	9	9	.....
7..	52.10	50.56	25.5	30.5	88	82	Calm		NW	1	8	7	.....
8..	52.59	52.54	25.6	30	92	78	Calm		NNE	3	10	8	.....
9..	56.13	55.60	24	30.2	91	77	Calm		WNW	1	9	4	.....
10..	57.45	56.29	25.2	30.2	90	77	Calm		NW	1	8	9	1.3
11..	57.89	57.39	26.2	29.2	94	83	Calm		NW	1	10	10	.....
12..	58.36	57.76	25.5	30.6	89	78	Calm		N	2	10	5	10.2
13..	59.48	57.35	25.5	30	88	77	Calm		NW	1	7	8	.....
14..	59.30	57.29	26.5	30.4	87	76	Calm		NW	1	7	9	21.3
15..	58.49	57.26	24.4	29.7	88	76	Calm		NW	1	8	4	1
16..	58.46	56.78	25.4	29.5	86	77	Calm		NW	1	10	8	30
17..	57.35	55.48	24	29.8	89	77	Calm		NW	1	2	3	1.3
18..	56.94	55.48	24.1	30	87	71	Calm		W	1	2	1	1.3
19..	57.48	56.21	24.5	30.5	87	71	Calm		SW	1	4	8	1.8
20..	57.75	55.94	25	29.7	89	77	Calm		W	1	9	4	.....
21..	57.63	56.34	25	30.5	88	72	Calm		NW	1	2	3	.....
22..	57.38	56.20	26.4	30.6	89	78	Calm		SW	1	9	9	5.1
23..	57.58	57.26	24.6	29.4	87	80	Calm		Calm		1	9	.....
24..	58.02	56.40	25	30.5	89	75	Calm		WNW	1	7	3	.....
25..	57.82	55.92	25	30.8	88	73	Calm		SW	1	2	4	.....
26..	56.87	56.28	25.6	29.8	87	75	Calm		Calm		9	10	3.8
27..	56.80	55.31	23.7	30.1	89	79	Calm		W	1	8	7	.....
28..	57.42	56.96	25	30.5	88	75	Calm		W	1	2	2	.....
29..	59.16	57.72	25.7	31	88	75	Calm		SW	1	3	4	.....
30..	58.41	57.34	25.2	30.6	88	72	Calm		SW	1	9	2	.....
31..	58.07	56.79	25.2	31.2	87	73	Calm		NNW	1	0	3	.....
Mean	57.32	55.97	25.2	30.2	89.1	76.8	0		1		6.6	6.1	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	141.8

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	57.78	56.51	24.5	30.9	87	72	Calm		NW	1	0	1	.....
2..	57.84	56.56	24.2	30.6	87	74	Calm		W	1	3	1	.....
3..	58.32	56.66	24.2	30.7	87	76	Calm		SW	1	2	5	.....
4..	58.98	58.04	23	29.6	86	77	N	1	SW	1	3	9	.....
5..	59.68	57.70	24.6	30.5	91	72	Calm		N	1	9	10	.....
6..	59.37	58.43	25	31	88	72	NNE	1	SSW	1	5	4	.....
7..	58.90	58.03	24	29.8	78	77	NE	1	SW	1	6	10	.....
8..	59.74	58.19	25.8	30.8	87	76	N	1	Calm		9	9	.....
9..	58.48	55.83	23.5	30.8	85	74	Calm		S	1	2	3	.....
10..	57.64	56.41	25.8	29.5	88	81	Calm		W	1	10	10	14
11..	57.58	55.75	25.5	30.6	91	76	Calm		SW	1	2	3	.....
12..	59.34	57.06	23.4	30.8	83	67	NNE	1	N	2	2	1	.....
13..	60.16	59.01	22.5	29.8	78	69	NNE	1	NW	1	1	0	.....
14..	59.18	57.44	23	29.7	84	69	Calm		NW	1	1	1	.....
15..	58.55	56.43	23.4	30	88	71	Calm		N	2	2	3	.....
16..	57.55	55.33	22.7	30.5	85	62	Calm		N	2	3	4	.....
17..	58.30	56.33	22.7	30.5	80	63	NNE	1	NW	1	3	5	.....
18..	57.46	56.16	22.9	30	83	67	Calm		W	1	7	4	.....
19..	56.10	55.39	24.2	29.7	78	65	NNE	1	NNE	1	5	10	.....
20..	57.92	56.30	24.4	30.4	83	63	Calm		NNE	2	9	8	.....
21..	59.27	58.05	24.8	30.5	75	71	Calm		SW	2	3	9	.....
22..	59.86	58.78	25.5	29.8	85	76	Calm		SW	1	8	10	7.4
23..	58.78	57.15	24.5	28.7	91	83	Calm		SW	1	10	9	.....
24..	59.18	55.12	25.5	31.4	91	67	NNE	1	NNE	1	10	4	.....
25..	58.07	57.69	24.6	26.5	82	86	Calm		Calm		10	10	2.5
26..	58	56.98	23.6	27.3	92	84	Calm		S	1	10	10	1.3
27..	58.34	56.14	24.5	29.4	91	79	Calm		NW	1	8	9	3.6
28..	59.42	58.15	25.4	29.2	92	81	Calm		NW	1	8	9	.....
29..	59.97	59.12	25.4	28	92	88	Calm		NW	1	10	8	4.3
30..	60.43	58.25	23.6	29	93	81	Calm		SW	1	4	3	.....
31..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	58.67	57.10	24.2	29.9	86	74	0.3		1.1		5.5	6.1	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	33.1

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	59.69	57.89	24	29.8	91	77	Calm		WNW	1	4	3	.....
2..	59.88	58.09	23.5	29.7	91	77	Calm		SW	1	0	1	.....
3..	59.79	58.49	23.9	29.7	88	72	Calm		WNW	1	0	2	.....
4..	61.18	59.18	23.6	30	90	73	Calm		W	1	0	3	.....
5..	61.10	58.48	23.5	30	87	71	NNE	1	NNW	2	2	2	.....
6..	59.80	56.49	23.4	30.2	88	75	NNE	1	NNW	1	1	3	.....
7..	59	55.93	23.5	27.1	82	78	NNE	2	N	3	4	8	.....
8..	57.35	55.41	21.8	28.7	84	69	Calm		NW	2	7	9	.....
9..	57.64	56.61	21.8	28	86	77	Calm		NW	1	9	8	.....
10..	57.80	56.30	23.5	28.6	94	78	Calm		SW	1	9	9	.....
11..	57	55.79	23.5	29.5	93	71	Calm		NW	1	7	6	4.6
12..	57.55	56.74	23.2	29.2	86	71	Calm		SW	1	9	4	.....
13..	58.33	57.29	23.5	29.5	85	70	Calm		W	1	3	2	.....
14..	59.01	57.43	23.5	29.7	83	71	NNE	1	NNW	2	3	1	.....
15..	59.01	57.08	23.5	30	86	65	Calm		SW	1	2	4	.....
16..	58.06	56.95	23	28.7	83	76	Calm		W	1	2	9	.....
17..	58.60	56.88	23.4	29.4	88	72	Calm		NW	1	3	2	.....
18..	58.74	57.02	23.7	31.4	87	55	NNE	1	NNE	2	4	5	.....
19..	60.11	57.90	23.2	31.5	78	60	Calm		SSW	2	8	6	.....
20..	59.10	57.54	23.4	29	76	72	N	1	W	1	4	10	.....
21..	58.64	57.43	24.5	29.6	86	71	Calm		W	1	3	5	.....
22..	58.58	57.44	24.6	29.5	88	72	Calm		NW	1	4	2	.....
23..	58.50	56.94	23.7	29.5	89	74	Calm		NW	1	3	4	.....
24..	57.99	56.95	24.5	29.6	81	74	Calm		NNW	2	4	3	.....
25..	57.39	55.71	24.1	29.5	74	67	NNE	1	SW	1	10	8	.....
26..	57.13	56.27	22.5	28.5	77	70	NNE	1	NW	2	2	8	.....
27..	58.12	56.57	22.2	28.5	74	57	NNE	2	NNE	2	9	7	.....
28..	58.21	57.66	21.4	27	70	63	NNE	1	NE	1	8	9	.....
29..	58.97	58.06	22.6	27.1	77	68	NNE	1	NW	2	10	10	.....
30..	59.41	57.08	22.5	28.4	78	59	NNE	1	N	2	10	7	.....
31..	59.34	57.61	22.1	28.6	71	63	NNE	1	SW	1	8	9	.....
Mean	58.74	57.14	23.3	29.2	83.6	69.9	0.5		1.4		4.9	5.5	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	4.6

CAPE BOJEADOR.

[ϕ=18° 31′ N; λ=120° 36′ E; barometer above sea, 93.9 meters; gravity correction not applied, —1.57 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.60	57.01	23.2	27	88	78	NE 4	NE 3	7	3	.....
2..	59.05	59.34	23.4	24.3	90	92?	Calm	NNE 3	7	8	.....
3..	60.98	60.36	21.2	23.5	95	77	NE 3	NE 4	8	8	.....
4..	62.25	62.52	21.2	22.4	80	79	NE 5	NE 5	10	8	.....
5..	64.11	62.62	20	22.8	87	76	NE 5	NE 5	8	7	.....
6..	63.73	62.41	20.4	25.6	74	71	NE 3	NE 3	3	3	.....
7..	62.84	62.55	23.6	27.6	76	76?	E 2	NW 2	3	7	2.5
8..	64.58	64.64	20.6	21	96	89	NE 4	NE 4	10	8	2.5
9..	66.36	65.06	19	22.6	94	79	NE 5	NE 5	7	5	.....
10..	67.36	65.81	19.4	21.2	92	82	NE 5	NE 5	7	5	.....
11..	66.37	64.42	18.4	21.6	88	75	NE 6	NE 6	7	7	.....
12..	64.16	61.88	19.4	23	87	78	NE 4	NE 4	7	6	.....
13..	62.37	60.17	21.8	25.2	89	78	NE 3	NE 3	7	7	.....
14..	60.59	60.11	23.6	25.8	85	82	NE 2	NE 3	7	7	.....
15..	61.56	61.58	22.2	21.4	93	87	NE 4	NE 5	8	8	.....
16..	61.28	59.72	20	24.2	89	71	NE 4	NE 5	7	3	.....
17..	60.48	59.70	21.2	24.8	80	80?	NE 3	NE 4	7	3	.....
18..	62.08	59.47	21.2	23.4	87	78	NE 3	NE 4	7	7	.....
19..	60.33	58.28	20	23.2	92	76	NE 4	NE 5	7	7	.....
20..	59.81	57.53	21	24.2	89	75	NE 5	NE 5	7	3	.....
21..	59.37	58.65	21.6	....	75	....	NE 5	NE 5	7	3	.....
22..	59.55	57.42	21	24.8	82	66	NE 5	NE 5	7	3	.....
23..	59.70	58.82	23	27.8	71	65	Calm	NNE 3	7	3	.....
24..	60.83	59.56	20	22.2	87	81	NE 5	NE 6	7	7	.....
25..	59.74	58.80	21	24.8	77	69	NE 3	NE 4	7	7	.....
26..	60.73	58.88	21.4	28.5	82	66	Calm	NNE 2	3	3	.....
27..	60.02	58.99	22.6	27.8	74	71	Calm	NW 2	7	7	.....
28..	60.10	59.74	23.4	25.2	81	71	NE 2	NE 3	7	7	.....
29..	61.10	60.24	21.2	22.8	75	73	NE 4	NE 5	7	5	.....
30..	60.40	58.80	20.2	24.8	81	66	NE 4	NE 4	7	3	.....
31..	59.90	60.26	20.6	22.2	80	71	NE 2	NNE 4	3	8	.....
Mean	61.62	60.49	21.2	24.2	84.4	75.9	3.4	4.1	6.7	5.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	60.21	58.87	21	23.2	65	71?	NE 4	NE 5	7	3	.....
2..	59.75	58.98	20.2	23.8	78	69	NE 4	NE 4	7	7	.....
3..	60.18	59.75	21.4	24	78	78?	NE 3	NE 5	7	7	.....
4..	61.84	61.06	19.5	22	89	79	NE 5	NE 6	7	3	.....
5..	62.86	61.99	18.8	20.4	90	76	NE 6	NE 6	7	7	.....
6..	62.18	61.28	20.2	24.6	81	71	NE 4	NE 5	7	7	.....
7..	62.16	60.96	23.6	29.2	75	68	Calm	W 2	3	3	.....
8..	61.95	61.27	23.8	25	91	79	SSW 2	N 3	7	7	.....
9..	63.06	63.38	21.2	22.4	89	68	N 3	N 4	8	7	.....
10..	62.57	60.57	19.2	21.8	85	69	NE 5	NE 6	7	3	.....
11..	61.61	60.16	21	26.2	65	72?	Calm	NNW 2	7	7	.....
12..	62.11	62.76	23	24.4	70	82?	Calm	N 2	7	7	11.4
13..	64.19?	62.64	18.5	21.2	89	75	NE 6	NE 6	7	3	.....
14..	63.58	61.47	19.2	23.4	81	62	NE 6	NE 6	7	3	.....
15..	62.29	61.17	20.6	28	73	....	NE 2	NE 2	7	7	.....
16..	61.08	60.01	24	26.2	61	79?	Calm	N 2	10	10	6.9
17..	61.20	59.51	20	24.4	92	69	NE 3	NE 3	10	3	.....
18..	58.07	57.72	21.8	27.6	75	71	Calm	NW 2	3	3	.....
19..	58.06	58.35	23.5	26.2	82	67	Calm	NE 3	7	6	.....
20..	60.47	60.47	21.8	22.8	77	68	NE 4	NE 6	7	7	.....
21..	61.53	60.81	20.2	24.4	74	62	NE 4	NE 4	7	3	.....
22..	61.44	60.32	19.6	27.8	76	62	NE 3	NE 3	3	3	.....
23..	60.71	59.73	21	27	70	63	NE 2	N 2	3	2	.....
24..	59.99	58.53	21	27	82	67	NE 3	NE 3	6	3	.....
25..	59	57.82	21.4	29	78	55	Calm	NNE 3	3	3	.....
26..	58.28	57.79	23.8	28.4	66	68?	Calm	NW 2	3	3	.....
27..	58.41	56.74	23.5	27.8	84	77	Calm	N 3	3	3	.....
28..	57.95	57.85	23.2	29.2	91	66	NE 3	NE 3	3	3	.....
29..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	60.95	60.07	21.3	25.3	78.8	70.1	2.6	3.7	6.1	4.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18.3

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.49	58.11	22.8	25.8	93	73	NE 4	NE 5	5	6	2.8
2..	59.45	56.41	20	25	92	77	NE 6	NE 6	7	3	.....
3..	58.43	57.85	24.6	28.6	67	76	SSE 3	W 3	3	3	.....
4..	58.43	56.45	23	25.6	90	73	NE 4	NE 6	7	3	.....
5..	58.55	56.93	22.4	26.6	89	74	NE 6	NE 5	7	3	.....
6..	59.10	59.19	22.4	25	93	82	NE 3	NE 5	3	7	2.8
7..	60.34	58.25	21.6	26.2	87	70	NE 5	NE 6	7	3	.....
8..	58.47	56.83	23.2	28.8	86	72	Calm	NNW 3	3	3	.....
9..	58.07	57.47	25	29.2	71	74	SSE 3	NW 2	3	3	.....
10..	59.55	57.94	23.8	27.2	86	75	NNE 2	NE 5	7	5	.....
11..	58.50	57.55	23.5	30.4	92	60	NE 4	NE 3	3	3	.....
12..	58.50	56.88	24.8	31	79	67	Calm	NW 2	3	3	.....
13..	58.11	57.86	24.5	31.2	86	69	SE 2	WNW 3	3	5	.....
14..	59.27	59.18	24.2	29.7	93	73	S 3	NW 3	5	5	.....
15..	61.53	61.54	24.4	....	85	....	NE 4	NE 6	5	7	4.3
16..	61.95	60.34	21.4	24.2	89	77	NE 6	NE 6	10	3	.....
17..	60.54	57.96	21.8	28.2	93	61	NE 4	NE 4	7	3	.....
18..	60.02	59.43	25	29.6	80	59	Calm	N 2	5	3	.....
19..	59.72	58.91	24.2	30.8	72	72	Calm	NW 2	3	5	.....
20..	59.44	59.06	23.6	28.5	88	74	NE 3	NE 4	3	7	.....
21..	60.27	60.04	24.2	26.8	86	68	NE 6	NE 6	7	7	.....
22..	61.31	61.24	23	26.8	88	68	NE 3	NE 6	3	7	.....
23..	60.67	59.93	22.6	27	89	68	NE 4	NE 5	7	7	.....
24..	60.05	59.29	22	25.2	84	71	NE 5	NE 6	7	3	.....
25..	61.01	59.69	21	25.4	87	67	NE 5	NE 6	3	3	.....
26..	59.83	58.38	21.4	25.8	82	67	NE 6	NE 6	7	7	.....
27..	60.02	61.43	21.8	20.2	93	98	NE 3	NE 4	10	10	66.1
28..	61.68	61.58	20.8	24.4	87	82	NE 6	NE 6	3	5	.....
29..	63.69	62.54	20	23	94	83	NE 6	NE 6	7	7	.....
30..	62.31	60.84	19.8	22.4	92	86	NE 5	NE 6	10	7	.....
31..	60.70	59.97	20.2	24.2	93	80	NE 4	NE 6	7	3	.....
Mean	59.94	59	22.7	26.8	86.6	73.2	3.7	4.7	5.4	4.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	76

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	60.77	58.97	21.6	26.4	91	73	NE 4	NE 6	3	3	.....
2..	59.86	57.75	22.2	28.8	95	69	NE 3	NE 4	3	3	.....
3..	59.15	58.64	23.8	26.8	95	71	NNE 3	NE 3	7	7	.....
4..	59.15	57.43	24	28.8	86	76	NE 3	NE 3	7	3	.....
5..	58.92	58.87	24.2	29	93	79	E 2	N 2	3	7	.....
6..	58.66	57.83	24.4	28.8	85	75	Calm	N 2	3	3	.....
7..	58.39	57.75	24.6	30.2	93	71	SE 2	NW 2	3	7	.....
8..	58.09	55.45	24	30.2	91	73	NE 3	NE 4	7	3	.....
9..	57.67	57.67	25.2	30.2	85	77	S 3	W 3	3	3	.....
10..	59.44	57.20	24.4	30.2	91	73	NE 2	NNE 3	3	3	.....
11..	56.83	55.63	24.6	29.8	80	84	SSE 2	SW 3	3	4	.....
12..	56.35	55.48	25.6	31.2	90	72	SSE 2	WSW 3	5	3	.....
13..	56.85	56.81	25.5	31.2	86	67	SE 2	W 2	5	7	15
14..	58.14	57.64	25.4	29.6	76	75	SE 2	N 2	3	3	.....
15..	58.07	56.42	25.2	29.2	86	78	SE 2	WSW 3	2	5	.....
16..	57.16	56.33	25.5	25.4	83	70	Calm	SE 3	5	7	12.4
17..	57.27	56.87	25.2	29	87	79	Calm	N 2	7	7	.....
18..	57.53	57.11	25.6	31.2	85	76	SE 2	W 3	7	7	.....
19..	57.69	56.81	24.4	29.6	87	78	Calm	N 3	7	3	.....
20..	57.26	56.35	24.6	32.5	85	62	NE 2	WNW 3	3	3	.....
21..	57.76	56.44	24.6	29.8	92	74	NE 3	NNE 3	3	3	.....
22..	57.19	56.10	25.4	30.6	85	70	Calm	NNE 2	5	3	.....
23..	56.23	55.35	25.8	30.2	78	78	SE 3	SW 4	3	3	.....
24..	57.86	57.62	25.8	30.6	88	72	SW 2	N 3	3	3	.....
25..	58.51	57.43	24.6	30	90	73	N 2	NE 4	5	3	.....
26..	57.94	56.60	26.2	32.6	76	68	SE 2	NW 2	3	7	.....
27..	57.17	56.73	25.2	31.2	90	68	NE 2	SW 3	3	3	.....
28..	57.98	56.72	24.8	29	93	76	NE 3	NE 4	7	7	.....
29..	57.45	55.54	24.8	29.4	83	70	NE 4	NE 6	7	3	.....
30..	56.10	55.41	26.4	26.8	70	92	SE 2	SW 4	7	8	50
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.91	56.90	24.8	29.6	86.5	74	2.1	3.1	4.5	4.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	77.4

NOTE: This station was opened on January 1, 1917.

CAPE BOJEADOR.

[ϕ=18° 31′ N; λ=120° 36′ E; barometer above sea, 93.9 meters; gravity correction not applied, —1.57 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0-10	0-10	mm.
1..	57.83	57.83	24	27.6	88	77	NE 4	NNE 4	8	3	.....
2..	58.32	57.89	23.4	28	90	74	NE 3	NE 4	3	3	.....
3..	57.09	56.06	25	29.6	87	77	SE 2	WSW 3	7	5	.....
4..	58.42	57.30	24.2	27.8	88	65	NE 2	NE 4	7	2	.....
5..	57.66	56.67	25.6	31.8	70	66	Calm	NW 3	3	5	.....
6..	57.42	58.78	26.6	22.5	84	96	SSE 2	NNE 3	7	10	30
7..	57.50	56.91	23.8	28	83	83	Calm	NE 3	3	7	12.7
8..	57.13	56.77	24.4	30.8	83	77	SE 3	W 3	7	3	.....
9..	57.18	57.43	25.8	26.4	78	92	SE 2	SW 3	7	10	9.7
10..	57.01	56.78	25.2	25.5	83	91	S 3	SE 5	7	7	2.8
11..	56.42	55.50	25.8	30	76	78	S 4	SW 5	7	3	.....
12..	57.17	56.68	25.2	30.4	87	80	SSE 4	SW 4	3	3	.....
13..	58.19	57.51	25	30.8	95	73	SE 3	SW 3	8	3	2
14..	58.96	58.28	25.8	31.4	85	72	SE 2	W 3	3	3	.....
15..	59.75	58.59	26.2	30.6	87	74	SE 2	N 2	6	5	.....
16..	59.25	58.03	26.4	31.2	82	77	Calm	NNW 2	5	3	.....
17..	59.40	58.75	26	31.8	87	67	NE 2	NW 2	3	5	.....
18..	60.19	59.27	25.2	30.5	87	76	NE 2	NE 3	2	3	.....
19..	59.19	58.76	25.4	29.6	90	77	NE 3	NE 3	4	6	.....
20..	57.81	57.50	24.6	30.2	90	74	NE 2	NE 3	2	5	.....
21..	57.08	57.02	25.8	33	72	65	SSE 3	W 3	3	3	.....
22..	57.95	57.26	26.2	31.4	82	70	SSE 2	NE 2	2	4	.....
23..	58.43	58.27	25.5	30.6	81	72	S 3	W 3	5	5	.....
24..	58.40	58.17	25.2	33.4	78	62	SE 2	W 2	3	3	.....
25..	57.67	56.69	25	32.8	82	62	NE 2	NW 2	2	3	.....
26..	57.43	57.37	25.5	31.8	86	69	S 2	WSW 3	5	5	.....
27..	58.84	57.91	25.8	32.2	81	69	Calm	W 3	7	3	.....
28..	58.24	57.27	26.5	31.6	86	68	SE 2	NW 2	5	7	.....
29..	58.07	56.56	26.8	33.8	89	64	SE 2	W 3	7	4	.....
30..	56.99	57.11	26.8	33.8	82	66	SE 2	W 3	4	4	.....
31..	58.13	57.31	27	32.6	89	69	Calm	N 3	3	3	.....
Mean	58.04	57.49	25.5	30.4	84.1	73 6	2.1	3	4.8	4.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57.2

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0-10	0-10	mm.
1..	58.09	57.11	26.6	33.8	84	65	SE 2	W 3	7	4	.....
2..	58.08	56.58	25.6	31	85	76	S 2	SW 2	7	7	.....
3..	56.91	56.66	27	32.2	81	70	SE 2	W 2	7	7	.....
4..	56.85	57.01	26	33.8	82	61	Calm	NW 2	7	3	.....
5..	57.42	57.56	26.6	33.8	87	66	Calm	WNW 3	7	7	.....
6..	58.17	58.02	27.8	30.4	82	73	ENE 2	N 2	3	7	.....
7..	57.91	57.26	27	33.4	80	62	E 2	NW 2	3	5	.....
8..	57.84	57.71	26.5	33.6	80	65	Calm	W 3	5	5	.....
9..	59.06	58.24	25.6	32	92	69	W 3	NW 3	7	7	.....
10..	58.43	57.53	26	32.6	85	66	Calm	NNE 3	5	3	.....
11..	57.81	57.11	27.2	32.8	87	65	SSE 3	NNW 3	3	3	.....
12..	56.86	57.44	27	30.8	81	69	SSE 3	WNW 3	3	7	16.8
13..	56.62	56.62	26	31.6	79	77	Calm	SW 3	6	7	.....
14..	57.18	56.87	27.2	34	78	65	Calm	SW 3	3	3	.....
15..	57.94	58.10	27.2	34	77	65	Calm	SW 3	3	3	.....
16..	57.72	56.71	26.6	32.2	84	70	Calm	SW 3	3	3	.....
17..	56.63	55.42	27.2	33	78	68	SE 3	W 3	3	3	.....
18..	56.40	55.93	27.6	33.6	74	60	SSE 3	SW 4	4	3	.....
19..	57.63	57.85	26.4	29.2	78	79	SSE 2	W 2	3	7	9.9
20..	57.97	57.76	25.2	31	79	72	SE 2	SW 4	7	7	3.8
21..	57.64	56.93	25.4	30.4	82	74	S 3	SSW 4	7	7	68.6
22..	56.97	56.13	23.2	29.6	90	71	S 4	SW 4	7	7	.....
23..	56.56	56.69	25.4	28.4	73	85	S 2	SW 3	7	7	2.5
24..	57.33	57.29	24	30.8	86	71	SE 2	N 2	7	5	6.6
25..	57.44	56.09	25.2	29.6	83	77	NE 2	NE 3	7	7	.....
26..	56.05	54.71	25.8	28.6	87	80	NNE 2	NE 3	3	7	15.5
27..	54.84	55.35	24.2	23.8	86	95	SE 4	SW 4	8	10	66
28..	56.69	57.87	25.2	25	80	92	S 4	S 4	7	10	44.2
29..	58.17	58.39	25	30.8	80	72	SE 2	SW 3	7	3	.....
30..	58.36	56.74	25.6	30.8	88	77	NE 3	NE 4	3	3	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.39	56.99	26	31.2	82.3	71.9	1.9	3	5.3	5.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	233.9

JULY.

	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0-10	0-10	mm.
1..	57.56	56.50	25.8	30.4	90	77	NE 3	NNE 3	3	3	.....
2..	56.38	56.49	25.8	31.8	88	72	NE 3	NW 2	3	3	.....
3..	56.21	54.85	25.2	31.2	88	76	SSE 3	SW 3	3	4	.....
4..	55.09	54.79	25	25.4	90	95	S 4	SW 4	5	7	.....
5..	53.51	53.87	25	26.2	87	94	S 6	SSW 6	7	7	9.9
6..	53.11	53.75	25	28.6	82	82	S 6	SSW 6	7	7	27.4
7..	54.50	54.18	24.8	28.8	87	76	SSE 4	SSW 4	7	7	.....
8..	54.95	54.78	25.6	29.6	82	82	S 4	SSW 4	3	7	2.8
9..	55.15	54.92	25.5	29.4	83	81	SE 3	SW 3	5	7	7.6
10..	55.01	54.98	24.6	28.2	88	82	S 3	SW 4	7	7	.....
11..	54.91	54.40	25	25.8?	88	95?	S 4	SSW 3	5	8	46.8
12..	53.56	52.58	24.2	25.6	95	97	SSW 4	SW 4	10	10	130.8
13..	49.61	51.29	25.2	23.8	95	97	SSW 6	S 6	10	10	87.9
14..	53.16	54.10	24.2	27.2	80	86?	S 6	S 4	7	7	.....
15..	55.96	56	25.4	28.8	77	82	Calm	Calm	8	7	.....
16..	57.11	54.98	24.6	30.4	90	80	SE 3	NNE 3	3	3	.....
17..	54.88	53.35	24	24.8	88	95	NE 3	NE 4	10	10	20.6
18..	53.43	53.82	24	26.2	91	94	NE 2	S 2	7	10	.....
19..	53.55	53.43	23.8	24.4	90	91	NE 2	SSE 4	10	10	9.4
20..	53.58	54.65	25.6	26.4	75	....	SSE 6	S 6	7	7	.....
21..	54.32	56.16	26.2	25.4?	70	90?	S 6	S 6	7	7	.....
22..	56.71	56.89	25	28.2	77	....	SE 3	SSW 4	7	7	.....
23..	58.22	58.46	25.4	29.8	76	74	SSE 3	SSW 3	7	3	5.6
24..	57.29	56.95	25	28.8	76	76	SSE 3	SSW 4	7	5	13.2
25..	56.33	56.19	24.6	28.4	77	....	S 3	SSW 4	7	7	.....
26..	55.98	56.06	24.6	29	82	78	S 4	SSW 4	7	7	6.9
27..	55.95	55.66	23.8	26.6	97	90	NE 4	S 4	10	7	18.8
28..	54.87	54.66	24	27.6	90	86	S 4	SSW 4	7	10	41.9
29..	54.56	54.24	24.2	27.8	93	83	S 4	SSE 3	3	7	18
30..	54.75	55.10	24.4	27	87	86	S 4	SSW 6	5	7	.....
31..	54.85	54.90	23.8	27.2	91	89	S 4	SSW 4	7	7	.....
Mean	55	54.93	24.8	27.7	85.5	85.2	3.8	3.9	6.5	6.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	447.6

AUGUST.

	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0-10	0-10	mm.
1..	54.82	54.68	24.8	28.8	85	79	S 4	SSW 6	3	7	10.2
2..	55.79	55.38	25.2	28.8	80	80	S 4	S 6	6	7	2.5
3..	55.54	56.05	25.2	24.8	88	97	S 6	S 6	10	10	25.4
4..	56.02	55.06	24.2	28.4	86	91	SSE 4	SSW 4	10	7	5.1
5..	56.23	55.92	24.4	28.6	85	78	SSE 4	SW 4	7	3	.....
6..	58.03	57.44	25.5	28.4	71	77	SSE 3	SSW 4	7	7	.....
7..	57.69	57.08	24.6	30.2	80	77	NE 2	NE 4	7	3	.....
8..	56.81	55.92	24.4	29.4	83	81	NE 3	NE 4	2	3	.....
9..	57.19	56.71	24.6	28.4	90	86	NE 3	NE 4	7	7	.....
10..	57.58	56.70	24.8	28.5	90	88	NE 2	NNE 3	7	7	10.2
11..	51.09	43.28	26	24.8	94	97	NNE 6	W 8	10	10	87.2
12..	53.95	54.89	25.8	27.8	75	77	SSE 5	S 6	10	8	.....
13..	57.37	56.54	25.4	29.4	77	76	S 3	SSW 4	7	7	.....
14..	56.94	56.82	25.4	30.2	73	78	S 3	SSW 3	3	3	16.5
15..	56.99	56.60	25.4	31.6	90	73	SW 3	WNW 3	5	7	.....
16..	55.66	53.96	25	29.8	93	79	NW 3	NW 3	7	7	.....
17..	52.16	50.46	26.6	26.6	90	89	NW 4	WNW 4	8	10	.....
18..	48.14	49.16	26	25.4	94	94	SW 6	SW 6	10	10	18.6
19..	51.33	52.07	24.6	26.4	92	84	S 7	S 7	10	10	5.8
20..	54.41	54.82	25	27.6	87	84	SSW 4	SW 4	10	10	.....
21..	57.63	57.84	25.6	29.2	82	74	S 4	SW 4	8	7	.....
22..	58.86	58.90	25.5	31.6	88	62	S 3	WSW 3	7	7	.....
23..	58.85	59.21	26	31.4	87	70	Calm	WNW 3	2	3	.....
24..	59.35	58.87	26.4	30.6	82	76	Calm	N 2	3	3	.....
25..	59.54	58.53	25.8	28.6	87	85	Calm	W 2	3	7	.....
26..	58.03	57.25	26.2	31	92	76	Calm	WNW 2	5	7	.....
27..	57.87	57.36	25	31	90	71	Calm	NW 2	3	5	.....
28..	58.49	57.85	25.2	30.4	92	76	NE 2	NNE 2	6	3	.....
29..	57.83	56.35	26	30	81	74	Calm	N 2	3	3	.....
30..	55.62	55.09	25.4	32.4	88	75	Calm	WNW 3	3	3	.....
31..	55.07	54.24	25.2	32	79	71	Calm	NE 3	2	3	.....
Mean	56.17	55.52	25.3	29.1	85.5	79.8	2.8	3.9	6.2	6.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	181.5

CAPE BOJEADOR.

[ϕ=18° 31′ N; λ=120° 36′ E; barometer above sea, 93.9 meters; gravity correction not applied, —1.57 mm.]

SEPTEMBER.

Day	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	55.26	54.08	25.2	30.2	90	77	NE 3	NNE 3	3	5	.....
2..	55.34	54.02	26.5	30.2	86	80	S 2	NNE 2	7	7	22.9
3..	55.18	55.41	25.5	30.8	88	76	SW 3	NW 2	7	7	.....
4..	56.26	55.65	25.4	31.8	84	72	Calm	NW 2	7	7	5.3
5..	57.07	55.87	24.7	30.4	92	80	SSE 3	NW 3	3	5	.....
6..	56.70	56.11	24.8	30.8	85	77	NE 3	SW 3	3	7	6.9
7..	55.97	54.92	24.8	30.2	87	77	SSE 3	WSW 3	7	3	.....
8..	56.13	55.88	25.8	26.4?	92	90?	Calm	ESE 2	7	10	.....
9..	56.49	55.22	25.4	29.2	87	82	ESE 2	NNE 3	7	7	19.6
10..	56.38	55.36	24.4	24.6	93	97	N 2	NE 3	7	10	58.1
11..	52.62	50.51	24.2	23.4	97	97	N 4	NNW 4	10	10	66.3
12..	55 05	56.43	23.8	24	91	93	SSE 4	W 4	10	10	11.9
13..	57.72	58.15	25	28.8	82	83	SSE 3	NNE 3	3	7	33.5
14..	58.71	58.66	24.6	28	93	91	Calm	Calm	7	10	.....
15..	58 78	58.07	25.6	29.2	70	81?	Calm	NW 2	3	5	.....
16..	58.27	57.89	25	30.8	87	77	SSE 2	N 2	7	7	.....
17..	57 18	56.54	24.8	29.5	90	81	NE 3	NE 4	7	3	.....
18..	58.62	57.55	25	29.4	87	78	SE 2	NE 4	3	3	.....
19..	59.03	57.72	24.6	29.4	90	78	NE 4	NE 4	3	3	.....
20..	58.43	56.96	24.8	29.6	87	81	NE 4	NE 4	3	3	.....
21..	57.69	57.27	24.4	32	82	71	NE 4	N 2	3	3	.....
22..	58.56	57.99	25.6	30.8	84	73	S 2	N 2	7	7	.....
23..	57.66	56.90	24.8	30.2	90	74	Calm	NE 3	7	7	.....
24..	58 17	56.44	24.2	29.4	88	82	NE 3	NE 3	7	7	.....
25..	55.79	54.70	25	30	90	75	NE 3	NE 4	7	3	.....
26..	55.93	55.94	24.6	28.2	93	89	NE 3	NW 2	7	7	.....
27..	57.14	55.84	25.2	29.8	92	75	NE 3	NE 4	7	7	.....
28..	56.29	55.16	25.4	30.8	87	73	Calm	N 3	3	7	10.7
29..	56.22	55.97	24.8	29.2	88	79	S 3	SSW 4	7	7	3
30..	56.41	57.06	24.6	24.3	90	96	S 3	S 3	7	10	75.9
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	56.84	56.14	25	29	88.1	81.2	2.4	2.9	5.7	6.5	.....
Tota	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	314.1

OCTOBER.

Day	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.88	57.16	23.8	28	95	83	NE 4	NE 4	8	7	4.3
2..	58.42	56.46	23.2	29.6	95	78	NE 3	NE 3	7	7	.....
3..	57.85	56.60	24.2	29.2	90	78	NE 3	NE 4	3	3	.....
4..	57.47	54.98	24.2	29.4	90	79	NE 3	NE 4	3	3	.....
5..	56.23	54.36	24.4	28	90	76	ENE 2	NE 4	4	3	33
6..	52.65	51.39	24.6	26.5	97	91	NE 4	NE 4	10	7	23.6
7..	53.81	53 91	24.4	26.6	95	84	NE 4	NNE 4	7	7	10.7
8..	56.15	55.77	23.8	27.6	95	81	Calm	WNW 2	7	7	3
9..	57.73	56.23	24	27.2	88	86	SSW 2	NNE 3	7	7	.....
10..	57.62	57.95	25	27.8	87	88?	SSE 3	Calm 10	10	10	.....
11..	57.84	57.70	25.4	30	80	78	S 2	NE 2	7	3	.....
12..	59.96	58.27	24.6	28.2	93	82	NE 3	NE 3	7	7	.....
13..	59.15	58.16	24	25.5	95	93	NE 4	NE 4	7	7	25.1
14..	58.44	57.49	23.6	29.2	91	79	Calm	NE 3	7	7	.....
15..	58.47	56.79	25.2	29.6	90	78	Calm	NNE 3	7	7	.....
16..	57.11	56.54	24.4	26.6	78	86?	E 3	NE 4	3	7	.....
17..	57.35	56.49	24.4	26.8	87	82	NE 4	NE 4	3	7	.....
18..	57.74	56.67	24.4	29.2	91	72	NE 4	NE 4	3	3	.....
19..	57.81	56.64	23.8	26.8	90	83	NE 4	NE 4	7	7	.....
20..	57.66	56.46	23.6	28.2	91	79	NE 3	NE 4	7	3	.....
21..	57.28	56.24	24	30.6	85	76	Calm	NE 2	7	6	.....
22..	57.63	57.25	24	29	93	85	NE 3	NE 4	7	7	.....
23..	58.17	57.21	25	29.8	88	79	ENE 2	W 2	7	7	.....
24..	57.84	56.24	24.6	29	95	81	NE 3	NNE 3	6	7	.....
25..	57.11	56.42	24.6	27.8	93	83	NNE 4	NE 4	10	7	37.6
26..	56.61	55.57	23.6	30.2	91	80	NE 2	SW 3	7	7	.....
27..	57.16	57.51	24	29.8	85	78	E 3	NE 3	3	3	.....
28..	58.68	58.12	24.8	30.6	85	76	NE 3	N 3	3	3	.....
29..	58.69	57.57	24.4	29.2	90	79	NE 3	NE 4	3	2	.....
30..	57.80	57.12	24.2	29.2	77	78	NE 3	NE 4	2	3	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.41	56.37	24.3	28.5	89.9	81.2	2.7	3.3	6.1	5.7	.....
Tota	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	137.3

NOVEMBER.

Day	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.42	56.52	25.4	30 8	64	74	NE 3	NE 3	2	2	.....
2..	57.72	56 96	25	31.2	90	73	Calm	WSW 2	7	3	.....
3..	58.16	57.42	24.4	29.2	82	82	NE 4	NE 4	7	3	.....
4..	58.78	57.91	24.8	28.8	85	78	NE 4	NE 4	3	7	.....
5..	59.93	59.70	25.6	26.4	82	75	NE 4	NE 4	7	7	.....
6..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10..	58.60	58.27	24.8	25.2	95	90	NE 4	NE 4	7	7	15
11..	58.74	58.88	21.6	22.5	96	89	NE 6	NE 6	7	7	.....
12..	60.65	59.20	21	24	93	77	NE 4	NE 6	7	7	.....
13..	61.04	60.05	21.8	26	93	85	NE 4	NE 6	7	7	.....
14..	59.88	58.34	23	26.5	87	77	NE 4	NE 6	7	7	.....
15..	59.26	57.80	23.6	26	93	85	NNE 4	NE 4	7	7	.....
16..	58.86	57.97	23	23.4	88	83	NE 6	NE 6	7	7	.....
17..	59.48	57.06	22	26.5	82	83	NE 6	NE 6	7	7	.....
18..	57.97	57	22.6	26.4	93	86	NE 6	NE 4	7	7	.....
19..	58.19	57.52	22.6	26	93	85	NNE 4	NE 6	7	7	.....
20..	59.17	58.89	21.6	22.6	95	88	NE 6	NE 6	10	10	.....
21..	60.72	59.65	20.6	23.4	91	88	NE 6	NE 6	10	7	.....
22..	60.53	58.98	22.2	25.5	95	84	NE 6	NE 6	7	7	.....
23..	59.36	57.85	23	26	91	81	NE 6	NE 6	7	7	.....
24..	59.43	57.05	24	26	91	82	NE 4	NE 6	7	7	.....
25..	58.36	58.43	23.6	24.4	86	88	NE 6	NE 6	7	7	.....
26..	58.76	57.59	23.6	25	95	85	NE 4	NE 6	10	7	8.9
27..	59.56	58.05	22	23.4	96	86	NE 6	NE 6	10	10	8.9
28..	59.98	59	22	23	95	93	NE 6	NE 6	10	8	2.5
29..	60.72	60.52	21.8	23.4	95	93	NE 6	NE 6	10	7	.....
30..	60.81	59.24	22	24.2	96	86	NE 6	NE 6	10	7	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.31	58.30	23	25.6	90.1	83.7	4.8	5.3	7.5	6.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]35.3

DECEMBER.

Day	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.85	58.79	22 4	25	91	87	NE 6	NE 6	7	7	.....
2..	59.88	58.57	21.5	25	95	80	NE 4	NE 4	7	3	.....
3..	60.85	60.12	22.4	25.4	91	79	NE 4	NE 4	7	3	.....
4..	61.81	60.21	22	24.5	93	78	NE 6	NE 6	3	3	.....
5..	61.71	60.75	22	23.8	95	83	NE 6	NE 6	7	7	.....
6..	60.67	59.02	21.8	23.4	93	83	NE 6	NE 6	7	3	8.4
7..	60.42	58.95	20.6	20.5	96	91	NNE 6	NNE 6	10	7	.....
8..	58.74	57.58	19.6	21.8	94	89	NE 6	NE 6	7	7	.....
9..	59.64	58.29	20.4	23.2	92	86	NE 6	NE 6	7	7	4.6
10..	59.19	58.08	20.6	23	94	86	NE 6	NE 6	7	7	.....
11..	57.38	56.47	21.8	25.6	95	84	NE 6	NE 6	7	7	.....
12..	57.62	56.60	22	28.6	88	76	ENE 4	NE 3	7	2	.....
13..	58.14	57.54	23.6	29.4	90	70	SE 3	NW 2	2	2	.....
14..	58.91	57.09	24.5	27	92	83	S 2	NW 3	7	3	.....
15..	59.90	59.17	22.4	21.8	93	95	NE 4	NE 6	7	7	.....
16..	58.53	57.13	21.4	24.6	93	82	NE 6	NE 6	7	7	.....
17..	58.63	58.07	23	25.4	95	82	NE 3	NE 4	7	7	.....
18..	60.74	59.96	21.6	24.4	91	77	NE 6	NE 6	7	7	.....
19..	61.56	60.34	21	22.6	95	82	NE 6	NE 6	7	7	.....
20..	59.48?	58.59	21	23.6	87	78	NE 6	NE 6	7	7	.....
21..	58.96	56.86	22.2	26.6	85	72	NE 4	NE 2	7	3	.....
22..	58.88	57.99	23	28.2	86	74	NNE 2	NE 3	7	7	.....
23..	59.30	58.73	23.2	23	93	86	NE 4	NE 6	7	7	9.4
24..	60.65	58.02	20	21.6	94	89	NE 6	NE 6	8	7	.....
25..	59.10	57.75	19.4	21.4	90	84	NE 6	NE 6	7	7	.....
26..	58.60	58.87	19.4	21.6	94	80	NE 6	NE 6	7	7	.....
27..	59.80	59.43	18.6	20.2	81	74	NE 6	NE 6	7	7	.....
28..	59.81	58.52	18	20.4	86	76	NE 6	NE 6	7	7	.....
29..	60.74	60.10	18.2	20.2	90	76	NE 6	NE 6	7	7	.....
30..	61.19	60.12	18	19.4	96	83	NE 6	NE 6	7	7	.....
31..	60.65	58.97	17.8	20.4	88	78	NE 6	NE 6	7	7	.....
Mean	59.72	58.62	21.1	23.6	91.5	81.4	5.2	5.3	6.8	5.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22.4

[a] 26 days of observation.

SANTO DOMINGO, BATANES.

[$\phi = 20° 28'$ N; $\lambda = 121° 59'$ E; barometer above sea, 18.7 meters; gravity correction not applied, —1.49 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	60.79	59.57	22	23.2	91	90	ENE 2	E 3	10	10	34.8
2..	59.43	59.75	22	22.7	93	89	NNE 4	NNE 4	10	10	7.2
3..	62.75	63.06	20.9	22	81	77	NE 5	NE 4	9	7	10.4
4..	65.32	65.99	20	20	78	70	NE 4	NEbyE 5	10	10	13.2
5..	67.62	66.79	20	21.7	74	68	ENE 4	E 3	10	7	15
6..	66.81	65.42	19.2	24.4	89	60	E 3	E 3	8	5	3.3
7..	63.85	63.78	21	20.8	91	92	ESE 2	NNE 5	7	10	61.5
8..	66.07	67.34	18.2	19.6	82	72	N 6	N 5	10	10	2.8
9..	69.18	68.30	18.3	19.7	72	70	NNE 5	NNE 4	10	10	3.4
10..	69.83	69.44	18.6	19.2	75	67	NEbyN 4	NNE 6	10	8	1.5
11..	70.88	68.97	17.4	18.7	65	70	NEbyN 5	NE 5	10	8	4.4
12..	67.49	65.76	18.1	20.5	83	81	NEbyE 4	NE 3	10	10	8.7
13..	65.12	64.13	21	21.2	88	89	ENE 3	NNE 4	10	10	67.8
14..	63.49	62.42	21.4	22.2	87	93	NNE 2	NNE 3	10	10	98.5
15..	63.54	63.84	19.8	20.3	90	75	NEbyN 5	NE 5	10	9	4.7
16..	64.17	63	18.8	22.1	73	65	NE 4	ENE 4	9	7	1.5
17..	62.61	61.39	20.3	22.9	88	82	E 1	NE 3	7	8	4.4
18..	62.31	61.99	20.6	20.1	83	70	NE 4	NEbyE 5	8	10	4.2
19..	63.18	61.76	18.8	20.6	70	68	NEbyN 4	NE 4	9	10	1
20..	62.44	61.23	19.5	23.1	71	64	ENE 2	ENE 3	8	9	.....
21..	61.99	61.38	20	23.2	76	67	NNE 2	NNE 3	7	7	.....
22..	62.09	60.85	19.6	22.8	81	63	ENE 2	ENE 4	8	9	.....
23..	60.84	60.57	20.8	23.2	87	73	E 1	NNE 3	9	8	40.6
24..	63.22	63.19	18.2	19.7	78	66	NNE 5	NNE 5	10	8	1.5
25..	63.17	61.84	19.4	23.7	72	59	ENE 2	E 3	10	7	.3
26..	62.31	61.31	20.4	21.7	89	80	E 3	E 1	6	10	1.7
27..	61.14	59.77	21.2	25	80	77	E 3	E 2	7	7	1
28..	60.13	60.04	21.4	24.6	89	69	N 1	NNE 3	7	6	.....
29..	62.19	62.28	20	21.6	87	64	NNE 4	NNE 4	10	7	1.4
30..	63.27	62.07	18.7	19.1	72	75	NE 3	E 2	9	10	1.5
31..	61.25	60.88	18	23	80	66	WSW 1	NNE 4	9	7	.....
Mean	63.82	63.16	19.8	21.7	81.1	73.3	3.2	3.7	8.9	8.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	386.3

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	62.52	61.99	19.3	20.1	64	55	NEbyE 4	ENE 5	8	7	1.5
2..	62.96	61.61	18.2	21.7	71	60	ENE 4	E 3	9	9	.....
3..	62.74	62.69	18.9	18.3	84	85	E 2	NNE 5	10	10	19.8
4..	64.44	64.34	16.8	18.1	81	77	NE 3	NE 4	10	10	15
5..	66.29	66.04	16.7	18.7	80	70	NNE 3	NE 3	10	10	2
6..	65.92	65.12	18	20.6	73	71	ENE 3	E 4	10	10	.3
7..	63.23	61.61	20.3	27	88	72	ESE 3	SE 4	7	7	1.4
8..	60.79	61.14	21.8	22.6	84	82	WSW 3	N 3	8	9	.8
9..	62.49	62.46	20.4	20.8	78	83	NNW 2	NNW 3	8	8	6.4
10..	64.99	64.23	17	21.8	64	49	NE 2	ENE 3	6	5	.....
11..	64.32	62.54	18.6	19.6	75	79	E 3	E 3	10	10	51.2
12..	62.66	63.53	19.2	19.6	65	67	E 2	N 5	10	10	16.6
13..	67.23	66.34	17.9	18.6	66	62	NE 4	NE 3	10	10	.3
14..	67.34	65.79	17.6	19	58	68	NE 2	NE 3	5	7	.....
15..	64.54	62.19	19.2	23.6	75	66	E 2	E 3	8	9	8.4
16..	60.81	59.98	21	23.2	87	72	SE 1	NNW 3	10	10	3.4
17..	60.23	59.48	20.6	25.6	85	71	NW 2	NNW 2	5	0	.....
18..	59.65	58.63	20	25	76	64	E 2	E 3	3	7	.....
19..	58.91	58.47	19.2	26.1	88	61	Calm	N 2	2	4	1.8
20..	62.51	63.68	19	19.1	73	66	NE 5	NE 5	10	10	.6
21..	64.64	64.01	18.3	20.2	74	62	NEbyE 3	NE 3	8	10	.....
22..	64.13	62.75	19.4	24.2	74	57	E 3	E 3	5	4	.....
23..	61.81	60.82	20.6	26.1	83	64	E 2	E 3	4	3	.....
24..	61.04	59.78	18.3	26.6	87	61	Calm	E 2	0	4	.....
25..	60.55	59.57	20.8	27	87	67	E 2	ESE 3	4	4	.....
26..	59.74	58.40	22.3	28.2	90	73	SE 2	SSE 3	2	6	.....
27..	58.07	57.47	23.9	29	92	72	SEbyS 2	SSE 3	5	5	.....
28..	58.33	58.41	23	27.9	91	67	NEbyE 2	ENE 3	8	5	9.5
29..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	62.60	61.90	19.5	22.8	78.3	68	2.4	3.3	7	7.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	139

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.86	60.54	20.6	20.2	85	86	N 3	NNE 5	10	10	38
2..	61.59	59.93	19.5	23.2	85	68	ENE 4	ENE 4	10	8	.2
3..	58.60	57.95	22.5	28	89	77	SSE 3	WSW 3	5	4	7
4..	60.71	59.68	20.6	21.5	85	77	ENE 4	ENE 3	10	9	2.5
5..	59.83	59.74	19.8	25.5	79	61	ESE 1	E 3	8	1	.2
6..	60.99	60.78	21.6	22.7	86	85	EbyN 2	NEbyN 3	8	9	2.6
7..	61.86	61.22	21	23.9	92	76	NE 3	ENE 2	8	7	.....
8..	60.75	58.79	22	26.1	84	76	E 3	ESE 4	5	7	.....
9..	57.70	57.36	23	27.6	91	74	SE 4	SSW 3	1	1	1
10..	60.63	60.65	22	21.8	86	84	NEbyN 4	NEbyE 4	10	10	10.7
11..	61.58	58.80	22	27.1	89	73	ENE 3	EbyS 4	9	3	.....
12..	59.62	57.72	23.4	28.7	86	73	ESE 3	ESE 3	5	4	.....
13..	59.06	58.49	24.4	29.6	88	67	ESE 4	ESE 3	4	3	.....
14..	60.19	59.49	24.4	31.1	90	66	SE 2	SE 3	3	4	27.1
15..	64.12	63.65	20.2	22.1	89	74	NNE 5	NE 5	10	8	3
16..	64.82	63.10	19.4	20.9	81	74	NEbyE 4	NEbyE 4	10	10	.8
17..	63.18	61.27	21.4	26.3	78	65	EbyN 2	E 4	7	8	6.7
18..	61.20	60.36	23.6	27	88	75	ESE 3	ESE 3	9	8	.1
19..	60.11	59.45	24.8	29.6	85	68	ESE 3	SE 3	4	4	8.6
20..	60.58	60.82	23	25	91	80	NEbyE 4	NE 4	10	9	19.7
21..	62.46	62	22	25.3	82	66	NE 3	NEbyN 4	8	5	.....
22..	63.08	62.39	22.1	26.7	81	65	NNE 1	NNE 3	3	8	1
23..	62.20	61.89	22.6	25.7	82	67	ENE 2	ENE 3	6	7	2.9
24..	62.51	61.81	20.4	22.1	80	71	NNE 5	NNE 5	10	10	12.5
25..	63.82	63.13	19.7	21.5	75	66	NE 5	NEbyE 5	10	9	1.3
26..	63.04	61.66	19.5	21.7	73	71	NE 4	NE 4	10	10	15.3
27..	61.13	61.61	19.8	19.6	74	88	NNE 4	NNE 5	10	10	22.6
28..	64.33	64.11	20.2	21.6	81	79	NE 4	NNE 4	9	10	19.2
29..	65.73	64.50	19.4	21.6	83	72	NNE 6	NNE 5	10	9	15.7
30..	64.63	63.12	18.2	18.9	88	87	NE 4	NNE 4	10	10	10.9
31..	62.97	62.33	19	22.5	86	73	N 5	NNE 4	10	9	11.8
Mean	61.71	60.91	21.4	24.4	84.3	73.7	3.5	3.7	7.8	7.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	221.4

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.c.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	62.84	61.64	19.8	22.7	83	85	N 4	NNE 3	10	10	12.5
2..	61.16	59.52	21.9	26.7	90	76	EbyS 3	ESE 3	6	7	.4
3..	59.64	59.07	22.2	27.1	85	73	NNE 1	WNW 2	8	7	.....
4..	60.31	59.18	20.4	27.3	91	70	ENE 1	EbyN 3	2	5	.4
5..	59.72	59.27	24	29	91	71	SE 2	ESE 2	7	2	.....
6..	59.34	58.45	22.6	29.8	92	73	ESE 1	ESE 2	3	5	.....
7..	58.26	57.16	24.8	29.6	83	66	ESE 2	SSW 3	5	6	4.6
8..	59.13	58.06	23.4	28.6	90	71	N 4	NE 3	9	5	.....
9..	58.27	57.36	25	30.5	85	68	E 2	SSE 3	3	7	.....
10..	58.39	57.94	24.3	28.2	87	76	S 1	N 3	3	5	.....
11..	57.45	56.09	24.6	30.1	85	71	E 2	ESE 3	6	7	.....
12..	56.75	55.30	26	31.5	87	65	S 3	SSW 3	8	3	.1
13..	57.17	56.08	26.7	27.2	80	75	SW 1	W 1	9	8	50.9
14..	58.10	57.45	25.3	29.7	85	70	W 2	W 2	6	4	.....
15..	57.45	56.01	25.7	28.8	88	76	SE 2	W 4	1	8	2.8
16..	56.68	55.90	25.8	28.3	78	76	W 2	WNW 2	8	8	.....
17..	57.31	56.43	24.4	28.6	83	73	NNE 1	ESE 2	8	8	.....
18..	56.72	57.16	25.6	28.4	88	79	SW 1	SW 3	9	8	22.4
19..	58.02	56.94	25.4	28.6	88	73	WNW 1	SSE 3	7	7	9.4
20..	56.95	56.19	25.8	30.1	85	74	ESE 2	SW 3	8	4	.....
21..	57.33	56.90	25.4	28.1	87	72	NNE 2	NNE 3	7	6	.....
22..	57.86	56.25	24.6	28.2	85	70	ENE 1	NE 3	3	3	.....
23..	56.32	55.12	26.3	30.2	82	73	S 2	WSW 3	6	7	1.3
24..	57.65	58.30	24.7	25.6	83	75	N 4	NNE 3	8	10	.....
25..	60.27	59.05	24	25.8	76	78	NE 3	NE 1	9	10	.....
26..	58.87	56.91	24.9	28.7	83	70	E 2	ESE 3	7	7	1.2
27..	56.96	55.92	26	29.4	84	74	SE 3	WSW 3	7	7	6.8
28..	57.97	58.30	24.7	25.3	80	70	NNE 4	NE 3	8	8	1.5
29..	59.46	58.35	22.2	25.5	82	65	ENE 2	E 4	10	7	3.8
30..	57.68	55.12	23.6	26.8	82	75	E 4	S 3	10	10	83
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.33	57.38	24.8	28.1	84.9	72.8	2.2	2.7	6.7	6.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	201.1

SANTO DOMINGO, BATANES.

[ϕ=20° 28′ N; λ=121° 59′ E; barometer above sea, 18.7 meters; gravity correction not applied, —1.49 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1..	58.50	58.82	22.2	22.9	88	79	N 5	NE 3	10	10	0.3
2..	60.24	59.54	22.8	24.1	79	64	ENE 3	NE 3	8	10	.....
3..	58.39	56.47	23.8	26.9	85	67	Calm	NNW 1	8	9	.....
4..	58.36	57.42	23.6	27.6	78	62	NNW 1	NNW 1	10	8	.....
5..	58.92	56.78	24.4	29.6	82	78	E 4	ESE 4	10	6	.....
6..	57.15	58.09	26	24.6	79	82	WSW 4	N 2	7	10	19.3
7..	59.87	58.08	22.8	26.1	82	69	NE 1	E 4	10	8	10.2
8..	57.45	56.49	25	29.2	85	74	SE 4	SSW 3	8	7	3
9..	57.47	57.62	25.3	26.2	89	88	ESE 2	SE 1	9	10	103.1
10..	56.70	55.99	25.1	27.1	92	81	SE 3	SSW 3	10	7	34.5
11..	56.17	54.95	25.5	27.1	91	87	SSW 2	SW 3	10	5	25.6
12..	56.85	55.86	26.5	29.7	88	80	SSW 3	SW 3	4	3	.....
13..	58.19	57.07	26.9	30	90	80	SW 3	SW 2	4	1	.....
14..	58.92	57.78	26	30.6	87	76	SSW 2	WSW 3	1	6	3.6
15..	60.10	58.67	26.2	31.2	91	73	SW 1	WSW 1	8	4	.5
16..	58.82	57.99	26.5	32.1	90	72	ESE 1	WNW 2	3	5	.....
17..	59.07	58.60	26.3	25.4	91	86	W 1	N 1	8	10	13.6
18..	60.10	59.66	25	27.1	92	80	NNW 1	N 2	5	9	2.4
19..	59.80	58.45	25	25.8	93	87	NNE 2	NNW 3	8	9	2.3
20..	57.72	57.80	25.4	28.7	87	70	NNE 3	NNE 4	1	4	.....
21..	57.87	57.44	25.4	28.6	88	78	NE 3	NE 3	6	8	.2
22..	58.51	57.98	25.5	31.3	88	70	E 2	ESE 3	4	7	.2
23..	58.35	57.78	26.9	30.5	82	71	SE 3	SSW 4	3	4	.....
24..	57.95	57.67	26.6	31.3	83	67	W 2	WNW 3	7	5	.3
25..	58.40	56.79	25.2	29.1	87	74	NNE 3	NNE 3	6	6	.5
26..	57.82	57.69	26	25.4	85	92	E 1	ENE 1	8	10	26.9
27..	58.55	57.82	26.4	31.1	86	74	E 1	SSE 1	8	7	1.3
28..	58.17	56.93	26.1	31.6	86	73	Calm	WSW 2	7	7	.....
29..	57.43	55.98	25.1	31.7	92	68	Calm	W 2	5	4	.....
30..	56.58	56.06	26.9	31.4	85	73	WSW 1	WSW 3	7	4	.....
31..	58.14	57.23	26.9	31.7	86	67	WSW 1	W 3	4	5	.....
Mean	58.28	57.47	25.4	28.5	86.7	75.5	2	2.5	6.7	6.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	247.8

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1..	58.09	56.95	26.6	32.8	89	67	SSE 2	SSE 3	5	5	1.4
2..	57.30	55.98	27	30.8	90	76	SSE 1	S 1	5	7	5.9
3..	56.68	56.44	27	30.4	87	74	SSW 1	SW 3	5	4	4.1
4..	56.84	56.57	27	31.2	84	72	S 1	SSW 3	9	6	.7
5..	57.42	56.62	25.8	31.2	93	76	Calm	SW 3	8	7	5.4
6..	58.02	57.10	25.8	31.2	93	75	Calm	SW 2	9	5	.4
7..	57.90	56.71	26	32.1	91	69	Calm	WSW 3	4	5	.....
8..	57.50	57.26	27	32.3	86	64	SSE 1	S 3	9	6	.....
9..	58.49	57.91	26.7	32.1	86	66	S 2	S 3	9	7	.....
10..	58.50	58.31	27.4	32.6	89	66	SE 2	SSE 3	7	7	.....
11..	58.85	57.78	27	32.4	89	64	SSE 3	SE 3	7	5	.....
12..	57.11	56.95	27.4	32.6	86	63	SE 4	SE 3	4	4	.....
13..	57.20	56.95	27.2	32.4	87	65	SE 3	SE 3	7	6	.....
14..	58	57.36	27.6	33.1	84	61	SE 3	SE 3	7	6	.....
15..	58.28	57.91	27.6	33.4	83	62	SE 4	SE 3	6	4	.....
16..	57.50	56.58	28	32.2	85	69	SSE 2	WSW 3	7	5	.....
17..	56.50	55.01	26.7	32.1	88	69	SSW 1	SW 3	4	6	4.5
18..	55.97	55.84	26.5	31.4	90	73	SSW 2	SSW 2	4	6	3.6
19..	57.33	57.26	26.7	32.3	86	70	S 2	SW 3	5	3	.7
20..	57.74	57.39	26.5	28.5	88	78	SSW 1	WSW 3	9	8	25.4
21..	56.98	56.54	26.[illegible]	29.1	88	78	SW 3	SW 4	7	9	46.7
22..	56.48	55.62	25.1	24.1	91	91	SSW 2	NE 1	10	10	102.3
23..	56.09	56.31	24.9	28.1	92	77	S 1	S 2	10	10	.....
24..	57.41	57.50	26.4	31.6	86	68	SE 2	SE 3	7	8	1
25..	57.55	56.60	27	27.7	90	83	E 3	E 2	8	10	3.8
26..	56.41	55.89	26.4	31.1	90	69	ESE 2	ESE 3	7	7	15.2
27..	55	54.28	25.5	25.3	88	90	E 4	S 2	10	10	41.3
28..	57.22	57.28	25.9	29.2	85	71	SSW 2	SSW 5	7	8	1.8
29..	58.29	57.40	27.2	32.1	86	71	SSE 2	SSE 2	7	3	.....
30..	58.50	57.42	25	32.1	90	70	SSE 1	SE 2	2	5	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.37	56.79	26.6	30.9	88	71.6	1.9	2.7	6.8	6.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	264.2

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1..	58.35	57.48	24.4	31	90	69	Calm	ENE 1	0	6	.....
2..	57.15	56.51	24.2	31.5	90	70	NE 1	ENE 1	1	7	8.1
3..	55.97	55.29	24.6	31.3	90	70	W 1	WSW 2	0	7	.....
4..	54.35	53.39	26.4	31.6	82	71	WSW 2	WSW 3	7	4	.....
5..	52.17	51.83	27.8	30.6	86	72	SW by W 4	WSW 4	7	6	.2
6..	53.02	52.50	27.4	29.1	84	83	swbys 4	SSW 4	5	8	3
7..	53.85	54.19	27	30.3	87	73	swbys 3	SSW 3	6	5	4.6
8..	54.40	54.70	27.4	29.7	86	77	WNW 2	S 1	8	5	5.6
9..	54.80	54.82	25.3	27.1	91	87	Calm	NNE 2	1	10	7.6
10..	54.52	53.74	25.3	29.1	91	80	NNW 1	WNW 2	8	9	1.9
11..	53.55	52.43	26.8	30.2	87	77	WNW 3	NNW 3	5	6	16.1
12..	50.22	45.78	27.2	26.1	84	89	NNW 5	NW by W 6	10	10	130.6
13..	44.47	48.76	26.2	24.1	87	89	SSW 5	S 5	10	10	159.3
14..	53	53.99	26.2	29.7	87	73	SSE 2	SSE 2	10	10	58.4
15..	56.17	56.69	26.2	29.7	85	77	SE 4	SE by E 2	10	8	2.5
16..	57.56	56.94	25.4	29.1	90	80	ESE 1	EbyN 3	8	8	.....
17..	56.97	56.22	25.9	28.1	88	80	EbyN 3	EbyN 4	8	10	7.6
18..	54.76	54.52	25.1	27.6	90	83	E 2	EbyN 4	10	10	29.5
19..	54.49	54.03	24.9	26.3	91	90	ESE 4	EbyS 4	10	10	60.6
20..	54.50	54.82	26.6	28.1	90	87	SSE 4	SSE 4	10	10	.3
21..	55.12	55.57	26.4	28.8	92	80	SSE 2	SE 3	10	10	18.2
22..	56.25	56.73	26.4	29.1	89	78	SSE 1	SSE 1	10	9	.....
23..	58.16	58.16	26.6	27.6	87	83	SSW 1	E 2	8	10	17.4
24..	57.37	56.94	25	29.8	92	78	Calm	SbyW 2	7	8	21
25..	56.42	56.09	25.8	30.1	92	73	S 1	SSE 2	8	9	40.6
26..	56.65	56.06	23.5	27.4	94	78	SE 1	SSE 2	10	10	24.6
27..	55.32	54.30	25.4	28.1	87	84	NE 2	Nbyw 2	10	10	1.9
28..	53.46	52.70	25.4	30.2	91	75	N 2	NNW 3	10	8	6.6
29..	52.65	53.01	26.3	29.7	89	76	NW by N 4	wbys 4	9	4	.....
30..	53.78	54.52	26	30.1	87	73	W 2	W 3	5	8	15.2
31..	54.42	54.27	25.7	28.5	93	83	SW 3	WSW 4	9	9	4.2
Mean	54.64	54.42	25.9	29	88.7	78.6	2.3	2.8	7.4	8.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	645.6

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1..	54.40	54.38	26.4	29.5	86	76	swbys 3	SSW 4	6	6	1
2..	55.25	54.65	26.5	28.8	90	83	SSW 4	SSW 4	7	8	16.3
3..	55.53	54.72	25.8	28.8	88	80	WSW 5	W 4	10	8	.....
4..	55.37	54.51	26.2	28.2	90	79	SSW 2	SSW 2	7	6	38.5
5..	56.24	56.04	26	29.9	89	75	Calm	WSW 2	1	6	1.7
6..	57.68	57.27	24	31.6	90	71	Calm	SSE 2	5	7	.....
7..	58.05	57.42	23.9	31.9	92	69	Calm	E 3	7	4	1.5
8..	58.27	57.44	26.2	29.7	90	75	E 2	ENE 2	4	8	2.3
9..	58.12	58.05	26.4	30.8	86	72	E 1	ENE 3	10	5	.3
10..	58.15	56.62	27.4	30.4	82	73	ENE 3	NNE 4	7	6	.2
11..	53.65	52.39	25.8	28.9	79	76	NE 5	EbyS 5	10	10	2.5
12..	55.67	55.90	26	31.1	89	70	ESE 2	SE 2	7	8	.....
13..	57.12	56.60	26.8	31.6	86	67	SE 1	SSW 3	7	0	.....
14..	56.72	56.30	26.6	30.7	87	71	WSW 3	WSW 4	5	6	.....
15..	56.08	55.13	26.8	29.1	85	78	WNW 3	NW 4	7	8	1.7
16..	54.48	52.45	26.6	30.2	86	73	NW 2	NNW 4	8	7	28.1
17..	49.85	45.62	26.6	26.3	89	91	N 5	NNW 6	8	10	61.2
18..	37.21	40.89	25.6	27.8	(a)	(a)	wbyN 8	WSW 6	10	10	113.9
19..	48.62	49.57	25.8	28	.....	.....	SSW 6	SSW 5	10	10	11.7
20..	53.30	54.45	26.8	28.9	.....	.....	SSW 4	SSW 4	7	6	.....
21..	57.19	57.30	27.2	31.4	.....	.....	SW 3	SW 3	8	2	.....
22..	58.40	58.34	26	30.6	.....	.....	WSW 1	WSW 2	0	2	.....
23..	58.47	58.22	26.6	31.2	.....	.....	W 2	W 2	5	3	.....
24..	59.31	58.48	26.6	31.2	.....	.....	NW 1	NW 1	2	5	.....
25..	58.86	57.95	26.7	31.5	.....	.....	NW 1	W 3	7	7	.....
26..	57.81	57.20	26.6	31.1	.....	.....	Calm	WSW 2	1	7	.....
27..	57.50	57.28	25.6	31.4	.....	.....	Calm	swbys 1	1	7	.....
28..	58.37	57.27	25.1	31.6	.....	.....	Calm	W 2	3	5	.....
29..	57.85	56.26	24.8	31.7	.....	.....	Calm	WSW 1	4	5	.....
30..	56.34	55.53	25	31.5	.....	.....	Calm	ESE 1	7	3	.3
31..	55.87	54.88	25.4	32	.....	.....	Calm	NNW 2	3	4	.....
Mean	55.67	55.13	26.1	30.2	.....	.....	2.2	3	5.9	6.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	281.2

[a] The wet thermometer was broken on August 18.

SANTO DOMINGO, BATANES.

[ϕ=20° 28′ N; λ=121° 59′ E; barometer above sea, 18.7 meters; gravity correction not applied, −1.49 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12) 6 a. m.	Wind, direction and force (0-12) 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	55.77	54.10	27.2	29.3	.....	.....	NE 2	SSW 1	7	7	17.4
2..	55.57	54.65	27	31.1	.....	.....	ESE 2	SEbyE 3	9	7	12.7
3..	55.15	54.98	26.3	32	.....	.....	ESE 1	SE 2	8	7	13.2
4..	56.28	55.64	25.1	30.6	.....	.....	Calm	ESE 2	10	8	1.7
5..	56.84	55.79	24.8	30.8	.....	.....	Calm	NE 2	2	3	.3
6..	55.92	55.07	27.4	27.8	.....	.....	NNE 2	N 3	5	10	6.8
7..	55.16	54.30	27	31.2	.....	.....	NNW 2	NNW 2	7	6	.2
8..	55.70	55.40	25.4	31	.....	.....	Calm	W 2	2	7	.....
9..	56.54	55.54	24.5	30.6	.....	.....	Calm	E 3	7	8	.....
10..	56.52	55.26	26.6	29.6	.....	.....	ENE 2	ENE 4	7	7	35.6
11..	54.23	50.01	24.9	24	.....	.....	E 4	ESE 6	10	10	66
12..	54.37	55.64	25.7	29.9	.....	.....	SSE 4	S 2	10	8	.....
13..	58.27	58.18	26.6	30.6	.....	.....	ESE 2	SE 3	7	7	.....
14..	59.22	58.93	26.4	30	.....	.....	ESE 1	ESE 3	4	5	.....
15..	59.70	58.39	26.3	30.2	.....	.....	Calm	NEbyE 3	3	4	.....
16..	59.55	58.57	26	2 31	.....	.....	E 1	E 3	1	4	.8
17..	58.90	58.52	26.2	31	.....	.....	E 1	E 3	7	1	.....
18..	59.87	58.94	26	31	.....	.....	Calm	ENE 3	7	5	3.3
19..	60.39	58.54	25.6	29.5	.....	.....	Calm	ENE 2	3	6	.....
20..	59.39	57.85	26.1	30.6	.....	.....	NE 1	NEbyN 3	6	5	1.1
21..	58.37	57.92	24.7	31.3	.....	.....	Calm	E 3	4	4	.....
22..	58.73	57.50	24.2	31.2	.....	.....	Calm	E 3	5	6	1
23..	57.65	56.60	24.1	30	.....	.....	Calm	NEbyN 1	1	2	1.4
24..	57.76	56.25	26	29	.....	.....	E 2	NE 3	3	6	.1
25..	56.42	55.13	26.2	30.2	.....	.....	ENE 2	NNE 3	3	5	14
26..	56.32	56.26	26	28.2	.....	.....	E 2	ENE 2	7	7	1
27..	56.95	55.52	27	30.1	.....	.....	NE 3	NNE 3	3	5	.6
28..	54.80	53.16	27	30.6	.....	.....	N 3	NNW 3	4	4	2.4
29..	55.22	54.25	27	28.7	.....	.....	NW 1	WNW 1	8	9	3
30..	56.21	56.31	25.4	29.6	.....	.....	N 3	N 3	2	6	4.3
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.06	56.11	26	30	.....	.....	1.4	2.7	5.4	6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	186.9

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12) 6 a. m.	Wind, direction and force (0-12) 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.15	57.65	25	27.6	.....	.....	NEbyE 3	NNE 3	7	8	.....
2..	59.02	57.66	24.8	29.7	.....	.....	ENE 1	E 3	1	7	2.5
3..	58.73	56.76	25 6	29.2	.....	.....	E 2	NE 3	1	5	14.5
4..	58.10	56.09	25.2	29.6	.....	.....	Calm	ENE 3	8	6	3.1
5..	56.67	54 71	25	30.2	.....	.....	E 1	ENE 3	1	4	.....
6..	55.12	52.95	26 2	30 1	.....	.....	NEbyE 3	NE 4	1	6	4.1
7..	52.75	50.90	26 1	27.2	.....	.....	NE 4	NNE 4	8	9	34.5
8..	50.52	50.99	25 9	27.3	.....	.....	N 5	NW 6	10	10	2.6
9..	54.60	54.27	26.4	28.6	.....	.....	WNW 1	WNW 2	9	9	2.5
10..	56.49	56.26	25.6	28.6	.....	.....	ENE 3	ENE 3	8	9	34
11..	57.55	57.22	24.4	26.6	.....	.....	E 2	SE 1	10	10	45.9
12..	58.45	58 67	26.3	30.7	.....	.....	ESE 2	ESE 3	6	4	6.6
13..	58.97	58.01	24.8	28.4	.....	.....	NE 1	NEbyN 3	7	8	4.8
14..	58.23	57.60	25	27.7	.....	.....	N 4	N 3	10	7	6.8
15..	57.96	57.34	24 5	29.1	.....	.....	NNE 1	ENE 2	8	9	7.2
16..	58.33	57.34	26	28.3	.....	.....	NEbyS 3	ESE 2	8	9	4.2
17..	58.35	57.61	25.1	28.1	.....	.....	ENE 1	NEbyE 2	10	8	7
18..	58.31	57.36	25.1	27.6	.....	.....	ENE 1	NE 3	1	7	10.7
19..	58.70	57.70	25.6	29.6	.....	.....	NE 3	EbyN 3	7	4	4.9
20..	58.62	57.61	25.4	28.8	.....	.....	NNE 3	NE 3	7	7	1
21..	58.27	57.44	26	28.2	.....	.....	NE 2	ENE 3	4	8	6.2
22..	58.25	57.13	25	29.1	.....	.....	NE 3	NE 3	10	9	77.5
23..	58.60	56.56	23.8	28	.....	.....	NEbyE 2	ESE 2	10	9	44.4
24..	58.67	57.14	24.6	27	.....	.....	E 1	E 1	8	9	7.3
25..	57.68	56.62	25.4	26	.....	.....	NE 2	ENE 2	7	10	15.9
26..	57.36	56.23	25	28.1	.....	.....	NNE 3	NNE 3	7	9	.....
27..	56.32	55.02	25.2	29.7	.....	.....	ENE 2	E 3	9	4	.....
28..	56.69	56.99	24 7	29.1	.....	.....	Calm	NE 1	7	4	43.6
29..	59.20	58.44	24.5	28.7	.....	.....	Calm	ENE 1	7	8	3.8
30..	59.59	58.68	24.4	30	.....	.....	ENE 2	ENE 3	8	9	10.1
31..	58.95	58.03	24.9	30.1	.....	.....	E 1	E 2	9	4	.8
Mean	57.55	56.55	25.2	28.6	.....	.....	2	2.7	6.9	7.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	406.5

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12) 6 a. m.	Wind, direction and force (0-12) 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.41	56.64	25 6	30.3	.....	.....	Calm	ESE 2	5	5	.....
2..	58.25	57.65	26	30.2	.....	.....	ESE 2	ESE 3	4	4	.....
3..	59.47	58.64	25.8	29.6	.....	.....	E 2	E 3	4	5	1.7
4..	60.42	59.59	26.2	30.5	.....	.....	ENE 3	EbyN 3	3	4	20 4
5..	61.78	60.96	25.7	25.6	.....	.....	NE 3	NEbyE 4	9	9	57.2
6..	62.05	61.74	23.3	24.7	.....	.....	NEbyN 5	NEbyE 5	10	10	123
7..	62.60	61.57	24	25	.....	.....	NEbyE 5	NEbyE 5	10	10	23.6
8..	62.84	61.24	24.7	27.1	.....	.....	ENE 4	ENE 3	9	8	1.8
9..	61.12	59.25	25	28.1	.....	.....	EbyN 4	EbyN 3	9	8	12.1
10..	59.09	58.83	24.8	23.1	.....	.....	ENE 4	NNE 5	10	10	118.6
11..	60.85	60.32	21.4	22.1	.....	.....	NbyE 5	NNE 5	10	10	.9
12..	61.95	60.85	21.8	24.1	.....	.....	N 5	N 5	6	7	.7
13..	62.17	61.13	22.4	24.1	.....	.....	NE 4	NE 4	7	6	.....
14..	60.73	58.83	23.2	24.8	.....	.....	NE 4	NNE 4	7	8	3.6
15..	58.84	57.88	23.8	25.2	.....	.....	NNE 4	NNE 4	6	5	2.5
16..	60.17	59.78	22.1	23.6	.....	.....	N 5	NNE 5	7	6	.....
17..	60.82	59.04	22.6	25.8	.....	.....	NE 4	NE 3	7	5	.....
18..	59.62	58.52	23 4	25.6	.....	.....	NE 3	NE 3	8	9	.....
19..	59.04	58.39	23.8	24.6	.....	.....	NNE 4	NNE 5	5	7	2
20..	61.04	60.77	21.8	22.7	.....	.....	NE 5	NNE 6	10	10	12.5
21..	62.87	61.90	22	23.1	.....	.....	NNE 6	NE 5	10	10	4.5
22..	62.38	60.89	22.3	24.1	.....	.....	NE 4	NE 3	10	8	4.6
23..	61.13	59.57	23	26.1	.....	.....	NEbyE 3	ENE 2	9	8	5.9
24..	60.72	59.64	23.8	24.6	.....	.....	ENE 3	ENE 4	8	9	.....
25..	60.88	60.25	23	26	.....	.....	EbyN 2	ENE 3	7	8	1.8
26..	59.87	59.54	24	24.5	.....	.....	NE 4	NNE 4	10	10	9.9
27..	60.18	59.55	22.4	22.7	89	85	NNE 5	NE 6	10	10	14
28..	60.14	59.81	22.2	23	86	83	NE 5	NE 4	10	10	64.8
29..	61.61	61.35	22.2	23.8	86	83	NE 4	NE 4	10	10	18.4
30..	61.66	61.05	22	21.4	89	91	NEbyN 4	NE 4	10	10	32.7
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	60.76	59.84	23.5	25.2	.....	.....	3.8	4	8	8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	537.2

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12) 6 a. m.	Wind, direction and force (0-12) 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	60.61	59.93	20.8	21.6	80	77	NE 3	NE 3	10	10	11.6
2..	60.03	59.64	21.7	25.3	81	72	NE 2	ENE 3	10	7	11.7
3..	60.81	60.94	22	22.2	86	81	ENE 1	ENE 4	8	10	57.3
4..	62.97	62.67	20 2	21.7	83	73	NE 5	NE 4	10	10	11
5..	62.70	61.86	21.4	22.1	79	80	NEbyN 4	NEbyN 3	10	10	4.3
6..	61.14	59.43	22.2	25	76	73	NE 3	NE 3	9	5	3.8
7..	59.90	59.10	20.6	22	78	74	N 5	NNE 4	10	8	2.6
8..	59.84	59.41	20.3	20.7	79	74	NE 4	NE 4	10	10	3.6
9..	59.84	59.39	19.5	20.8	77	70	NEbyN 3	NEbyN 4	10	10	44.4
10..	60 10	59.69	20	22.1	76	67	NEbyE 5	NE 4	10	10	9.3
11..	59.11	58.32	21.2	24.9	84	70	ENE 4	E 4	10	8	1.8
12..	58.34	57.93	23.4	25	81	76	E 4	ESE 4	8	7	2
13..	58.77	57.82	23.2	27	90	75	ESE 4	ESE 3	8	7	.2
14..	58.64	58.10	23.8	26.6	88	75	ESE 4	E 3	6	7	61.6
15..	60.96	60.42	21.6	22.2	75	72	NNE 5	NNE 5	10	8	15.5
16..	60.14	59.58	20.6	21.5	78	74	NE 4	NE 4	10	10	25.4
17..	59.28	59.13	20.2	21.9	80	71	ENE 3	NE 4	10	10	22.5
18..	61.83	62	21.4	22	75	74	NEbyN 5	NNE 5	8	8	5.3
19..	63.05	62.88	20.6	22.8	71	60	NEbyN 5	NEbyN 5	8	10	2.5
20..	62.06	61.14	20.8	22	75	71	NEbyE 3	ENE 3	9	10	1
21..	60.94	59.42	21.2	22.9	75	72	E 4	E 5	10	8	9.1
22..	59 74	59.52	22.4	24	84	74	E 4	E 4	8	8	24.1
23..	60.21	60.04	20.2	20.5	84	77	N 5	NNE 6	10	10	155.1
24..	61.39	60.23	19.4	20.6	79	76	NNE 6	NE 6	10	9	5.9
25..	61.45	60.06	19.6	20.6	76	76	NEbyE 5	NEbyE 6	10	10	5.6
26..	60.87	60.38	18.8	19	80	79	NNE 6	NNE 6	10	10	12.9
27..	61.98	61.71	16.9	18.3	71	61	NNE 6	NEbyN 5	10	10	3.3
28..	61.97	60.81	17.4	19 2	70	63	NE 4	NEbyN 3	10	10	1.3
29..	61.63	60.59	18	20 6	80	64	NNE 1	NNE 1	10	10	15.6
30..	62.46	62.21	15 8	17.3	81	68	NNE 5	NNE 5	10	10	6
31..	63.73	62.20	16	19.1	83	64	NEbyN 5	NEbyN 2	10	10	.....
Mean	60.86	60.21	20.4	22	79.2	72	4.1	4	9.4	9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	536.3

ANNUAL SUMMARIES FOR FIRST AND SECOND CLASS STATIONS, 1917.

ZAMBOANGA.

Month.	Pressure (mean).	Temperature. Mean.	Maximum.	Date.	Minimum.	Date.	Relative humidity (mean).	Rainfall. Total.	Maximum in 24 hours.	Date.	Cloudiness (mean).	Wind. Number of winds from six daily observations. N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	Total monthly velocity.	Average daily velocity.[a]	Average hourly velocity.
	mm.	°*C.*	°*C.*		°*C.*		*P. ct.*	*mm.*	*mm.*		*0–10*										*Km.*	*Km*	*Km*
January	758.56	26.1	34.3	13	21.8	8	81.5	81.8	27.2	18	6.9	21	52	32	7	1	2	18	9	44	4,423.2	142.7	5.9
February	58.66	26.1	33.9	27	21.3	3	82.2	99.8	29.3	3	6.6	21	25	14	14	8	6	21	6	53		152.6	6.4
March	58	26.6	34.2	8	21	11	80.8	75.5	22.9	3	5.2	27	14	15	13	5	7	43	7	55	5,463	176.2	7.3
April	57.78	26.4	32.9	30	22.1	15	82.6	45.1	19.9	21	5.9	31	17	8	17	5	6	39	14	43	[b] 5,057.5	168.6	7
May	58.60	26.3	32.9	17, 18	21.9	11	83.2	107.2	15.1	7	7.3	30	22	11	13	5	20	26	12	47		166.1	6.9
June	58.33	26.2	32.3	1	21.9	25	83.4	123	22.9	29	7.3	29	25	11	18	5	10	33	14	35	5,518.2	183.9	7.7
July	58.08	26.2	31.3	various	21?	16	83.1	96.9	41.4	16	8	58	30	12	24	1	13	26	6	16		164.4	6.8
August	58.29	26.3	31.9	5	22	4	84.6	134	25.7	31	8	48	30	13	21	4	10	37	17	6	6,001	193.6	8.1
September	58.41	26.1	32.3	13	21.4	1	83.4	87.6	24.1	12	[c] 8	[d] 38	3	12	17	6	10	10	16	14	4,819.4	160.6	6.7
October	58.08	25.8	30.5	14, 25	21.5	5	86.5	236.5	49.7	9	8.1	38	1	1	16	8	16	47	21	21	6,179.9	199.4	8.3
November	57.82	25.9	32	30	22 2	30	85	159.1	78.2	14	7.5	42	3	11	6	13	26	27	8	15	6,034.1	201.1	8.4
December	57.38	25.8	32.7	15	21.1	12	83.8	219.4	63.5	23	7.6	55	2	11	15	9	9	17	18	26	5,047.9	162.8	6.8
Year	758.17	26.2	34.3		21		83.3	1,465.9	78.2		7.2	438	324	151	181	70	135	344	148	375		172.7	7.2

SURIGAO.

January	759.29	25.7	31.8	21	21.4	1, 26	87	739	176.5	3	9	8	70	50	23	11	2	2	1	19	8,909.4	287.4	12
February	59.34	25.6	32.3	20	22	12	[e] 86	384	55.7	1	[e] 7.9	[f] 3	23	71	11	1	0	0	1	40	7,088.5	253.2	10.6
March	58.70	26.4	33	31	21.2	16	85.1	240.6	31.4	2	6.2	1	5	96	10	1	1	0	3	38	6,921.2	223.3	9.3
April	58	[g] 26.8	[g] 33.6	2	[g] 22	27	[g] 80.8	78.9	19.2	6	5.7	2	3	81	26	8	1	0	3	26	5,251.7	175.1	7.3
May	58.46	27	32.5	9	22.7	31	82.5	44.9	14	30	5.5	3	15	55	12	12	10	6	12	40	[h] 4,225.9	136.3	5.7
June	58.13	26.5	31.8	20	22.7	18	[i] 85.3	82.7	11.9	18	6.1	[j] 3	33	38	12	19	12	5	4	49		169.1	7
July	57.34	26.7	33	10	22.3	23	82	120.4	37.3	16	6.6	0	6	8	3	23	61	42	5	38		121.9	5.1
August	57.72	27	33.1	1	22.3	25	81.7	116.2	35.3	31	5.7	5	15	17	7	26	43	24	18	31		119.3	5
September	57.94	26.5	33	27	22.1	22	81.4	64.2	16	4	7.5	[k] 4	13	11	14	26	50	20	10	31			
October	57.56	26.4	32.2	27	22.1	31	82.5	147.4	26.4	30	7.5	8	16	24	16	24	53	10	8	27	[b] 5,009.4	161.6	6.7
November	57.71	25.7	31.3	10	21.5	1	88.7	339.9	47.2	22	7.8	6	28	29	15	25	28	8	11	30	4,016.1	133.9	5.6
December	57.33	25.8	32	9	22	10	87.7	330.7	48.4	6	7.4	9	[l] 3	29	26	16	23	5	15	24	3,876.1	125	5.2
Year	758.13	26.3	[g] 33.6		21.2		84.2	2,688.9	176.5		6.9	52	266	509	175	192	284	122	91	393			

CEBU.

January	759.36	26.3	31.8	2	22.4	12	76.4	97.9	39.6	11	5.9	93	78	1	0	1	0	0	4	9	[l] 10,931.7	352.6	14.7
February	59.37	26.1	29.9	17, 19, 20	22.2	9	75.9	102.2	34.3	9	5.6	71	85	0	2	0	0	2	3	5	9,894.1	353.4	14.7
March	58.73	27.2	31.5	31	23.5	29, 31	73.1	39.2	9.7	1	4.1	86	96	0	2	0	0	0	0	2	11,922.8	384.6	16
April	57.70	28.2	32.9	17	24.2	7	70	24.9	11.2	6	4.5	54	76	4	11	2	0	0	10	23	8,043.5	268.1	11.2
May	58.41	27.9	33.6	7	21.9	20	72.6	245.2	44.1	29	6.3	27	47	4	14	23	11	11	13	36	7,048.2	227.4	9.5
June	58.11	27.6	33	15	22	14	71.5	253.1	49.3	2	6.5	36	41	8	14	17	16	8	10	30	7,314.1	243.8	10.2
July	57.51	27.6	32.7	14	22	11, 26	73.4	182.1	49.7	15	6.3	3	8	1	6	50	71	25	7	15	10,311.6	332.6	13.9
August	57.92	27.7	33.9	10	22.5	4	75.3	140.4	28.4	3	5.5	9	22	2	16	34	46	18	22	17	8,659.5	279.3	11.6
September	58.01	27.4	32.6	23, 30	21.8	17	76.4	301.7	62.7	20	6.5	16	20	3	10	29	52	15	12	23	8,184.3	272.8	11.4
October	57.60	27.3	33	27	22.9	3	78.2	272.5	45.5	3	6.4	32	41	8	6	13	47	3	12	24	10,199.1	329	13.7
November	57.82	26.9	31.8	10	22.5	24	78.5	200.1	51.9	14	6.1	66	41	4	5	6	9	10	20	19	7,447	248.2	10.3
December	57.43	27	32	14	22.7	24	75.6	103	21.6	27	5.6	68	61	4	2	1	2	3	16	29	7,519.7	242.6	10.1
Year	758.16	27.3	33.9		21.8		74.7	1,962.3	62.7		5.8	561	616	39	88	176	254	95	129	232	107,475.6	294.5	12.3

ILOILO.

January	759.34	25.7	32.9	2	22.2	31	82.9	124.8	35.1	13	6.6	100	78	1	0	0	2	0	2	3	14,643.4	472.4	19.7
February	59.24	25.6	31.2	20	22.3	20	83.9	124.9	32.8	9	6.8	95	68	2	1	0	0	0	1	1	12,253.3	437.6	18.2
March	58.46	26.9	32.3	31	23	24, 31	76.9	13.8	5.1	2, 28	4.6	92	91	3	0	0	0	0	0	0	14,744.7	475.6	19.8
April	57.62	28	34.6	28	23.5	4, 5, 8	74.4	24	6.8	17	6.3	65	57	13	3	2	12	2	8	18	8,157	271.9	11.3
May	58.37	27.2	34	5	22.4	24	80.3	207.8	51.1	17	6.7	37	26	17	3	7	35	7	16	38	6,135	197.9	8.2
June	58.01	26.9	33.4	1	22.7	13	82	246.2	76.5	12	6.5	31	23	19	5	13	28	12	15	34	5,655.8	188.5	7.9
July	57.37	26.9	31.5	various	22.5	28	83.2	223.8	31	15	7.8	4	0	3	2	13	107	18	4	35	7,937	256	10.7
August	57.75	27	33.1	14	21.9	4	83.7	375.3	119.8	18	7.1	7	12	4	0	2	97	7	3	54	6,466.7	208.6	8.7
September	57.90	26.6	33	15	21.5	2, 20	83.4	262.3	86.8	1	7.8	9	8	1	0	4	114	7	3	34	6,959	232	9.7
October	57.47	26.5	32.5	20, 26	21.8	25	84.9	356.5	103.2	5	7.9	28	35	5	2	5	47	4	8	52	7,349.4	237.1	9.9
November	57.61	26.2	32.2	10	22.6	28	87.1	188.8	40.9	16	6.6	67	40	1	3	3	11	2	4	49	7,857.2	261.9	10.9
December	57.38	26.2	31.4	13	22.3	8	84	72.7	25.9	26	5.8	102	61	5	0	0	1	1	7	9	9,702.8	313	13
Year	758.04	26.6	34.6		21.5		82.2	2,220.9	119.8		6.7	637	499	74	19	49	454	60	71	327	107,861.3	296	12.3

[a] Owing to some unavoidable defects in the recording instruments the velocity of the wind had to be omitted occasionally for a few days in several of the stations included in these summaries.
[b] 9 hours missing.
[c] 26 days of observation.
[d] No observation of wind direction was made on September 5-8.
[e] From February 11 to May 21 the daily mean of humidity and amount of clouds are deduced from five observations only.
[f] No observation of wind direction was made at 2 a. m. from February 11 to May 21.
[g] 28 days of observation.
[h] 3 hours missing.
[i] 29 days of observation.
[j] No observation of wind direction was made on June 23, 10 a. m., 2 p. m., 6 p. m., 10 p. m., and June 24, 2 a. m.
[k] No observation of wind direction was made on September 7, 2 a. m.
[l] 6 hours missing.

ORMOC.

Month.	Pressure (mean).	Temperature. Mean.	Maximum.	Date.	Minimum.	Date.	Relative humidity (mean).	Rainfall. Total.	Maximum in 24 hours.	Date.	Cloudiness (mean).	Wind. Number of winds from six daily observations. N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	Total monthly velocity.	Average daily velocity.	Average hourly velocity.
	mm.	°C.	°C.		°C.		*P. ct.*	*mm.*	*mm.*		*0-10*										*Km.*	*Km.*	*Km.*
January	759.58	25.8	32.4	2	20.3	31	81.8	112.6	30.5	18	7.4	12	35	4	10	9	8	3	1	104	4,112.9	132.7	5.5
February	59.53	25.6	33	5, 15	19.5	25, 26	83.7	108.9	17.8	12	8	4	15	10	12	4	8	5	3	107	3,425.7	122.3	5.1
March	58.94	25.9	34	28	20.4	30	81.2	134.1	38.4	21	6.9	9	25	2	18	11	10	2	0	109	4,074.1	131.4	5.5
April	58.14	26.6	34.2	20	18.8	13	80.1	60.9	21.8	6	6	3	18	16	17	21	5	2	5	93	4,085.4	136.2	5.7
May	58.70	26.6	34.5	16	20.8	4	84	118.4	50.5	11	6.5	3	7	8	24	18	5	0	5	116	3,921.4	126.5	5.3
June	58.35	26.5	33.8	2, 3	21.4	23	84.8	149.2	52.3	25	7.5	3	8	20	21	16	3	1	1	107	3,721.9	124.1	5.2
July	57.56	26.7	32.9	14	21.4	30	86.6	436.9	111.5	30	8.6	0	8	5	44	18	3	2	3	103	4,567	147.3	6.1
August	57.95	26.7	33.4	13	21	8	85.7	159	38.2	4	7.5	2	4	4	22	32	2	2	1	117	4,446.8	143.4	6
September	58.11	26.4	33.8	17	20.4	15	86.3	191.5	36.8	28	8.4	3	7	8	34	7	3	4	3	111	3,803.4	126.8	5.3
October	57.69	26	33.4	16	21.3	15	87.5	215.2	38.3	28	8.3	5	7	1	10	31	5	6	4	117	5,294.2	170.8	7.1
November	57.88	25.7	33	21	20.6	10	88.6	147	25.5	5	8	5	3	4	19	9	2	1	5	132	2,966.5	98.9	4.1
December	57.55	25.6	33	20	19.4	14	86.2	110.2	28.4	28	7.5	11	13	1	5	13	6	8	5	124	3,187.9	102.8	4.3
Year	758.33	26.2	34.5		18.8		84.7	1,943.9	111.5		7.6	60	150	83	236	189	60	36	36	1,340	47,607.2	130.3	5.4

TACLOBAN.

January	759.67	25.5	31.9	2	21.7	30	86.9	368	61.3	24	8.7	0	3	27	18	1	0	20	51	66	4,936.3	159.2	6.6
February	59.61	25.4	31.3	27	21.5	25	87.5	351.5	57.8	13	8.7	0	1	26	26	2	0	15	33	65	4,548	162.4	6.8
March	58.98	26.2	32.8	11	21.1	28	84.8	156.6	25.5	4	6.7	0	2	24	28	2	0	22	30	78	4,550.4	146.8	6.1
April	58.10	27.4	34	28	22.1	4	82.6	95.6	31	26	6.5	0	1	18	74	4	1	7	7	68	5,276.8	175.9	7.3
May	58.54	27.4	33.7	1	22.7	13	84.2	185.7	42.7	12	8.6	0	0	23	51	7	0	11	14	80	4,545.5	146.6	6.1
June	58.26	27	33.6	29	22.2	26	85.4	148.2	46.4	25	8.9	1	0	26	45	9	4	21	4	70	4,443.1	148.1	6.2
July	57.11	27.2	35.4	30	22.5	28	84.4	111	26.6	9	9.8	2	0	23	30	9	4	35	15	68	4,019.7	129.7	5.4
August	57.63	27.3	35.7	14	22.1	8	83.2	115.9	21.3	1	9.1	3	3	16	38	7	6	32	5	76	4,224.1	136.3	5.7
September	57.82	26.7	34.6	28	21.8	15	85.5	175	82.8	10	9.6	1	0	12	28	5	8	40	4	82	3,726.2	124.2	5.2
October	57.46	26.4	34	16, 26	22.1	15	86.8	232	54	31	9.3	1	1	9	21	15	6	34	4	95	4,127.8	133.2	5.6
November	57.88	25.7	33.7	11	22.4	28	90.8	326.9	59.7	5	9.2	1	2	7	13	2	0	38	7	110	3,371.5	112.4	4.7
December	57.54	26.2	33.2	14	22.1	13	87.3	216.3	64	28	9.2	1	4	13	10	0	0	56	19	83	3,967.2	128	5.3
Year	758.22	26.5	35.7		21.1		85.8	2,482.7	82.8		8.7	10	17	224	382	63	29	331	193	941	51,736.6	141.9	5.9

CAPIZ.

January	760.16	25.8	31.3	1, 2	22.4	6	84.8	144.5	30.5	19	8	25	126	6	0	1	0	0	5	23	6,331.1	204.2	8.5
February	59.94	25.6	31.7	28	21.8	20	85.3	152.9	28.7	18	8.3	23	100	14	1	0	0	0	2	28	5,605	200.2	8.3
March	59.27	27.1	33	31	23.5	13	81.3	27	8.9	14	5.7	25	124	11	1	0	0	0	0	25	5,526.9	178.3	7.4
April	58.16	27.7	34.2	18	22.9	4	82.2	88.9	45.3	8	6.2	11	55	21	2	1	2	0	2	86	3,224.4	107.5	4.5
May	58.64	27.1	35.2	9	21.7	24	84.4	229.4	44.9	3	7.7	16	21	9	13	4	5	4	6	108	2,461.6	79.4	3.3
June	58.28	26.9	33.6	12	22.5	19, 23	[a]85.8	[b]318.3	55.1	15	[b]6.8	[c]8	21	22	9	7	5	2	1	86			91.8
July																							
August	57.47	27.1	35.4	11	23	21	84.5	167.1	46.5	1	6.6	7	7	2	7	31	2	7	14	109	3,202	103.3	4.3
September	57.65	26.3	34.1	8	21.9	15	85.1	220.8	49.5	19	7.7	0	1	1	6	10	0	2	6	154			
October	57.33	26.4	32.6	various	22.6	11	87.5	489.4	86.6	31	7.9	4	9	3	0	8	7	6	1	148			
November	57.81	26.4	32.2	18	22.8	9, 11	88.2	470.7	78.7	16	7.8	10	31	1	2	2	0	1	9	124			
December	57.63	26.4	32	5	22	6	86.3	550.9	276.4	26	6.6	24	16	0	0	0	0	0	2	144			
Year																							

CALBAYOG.

January	760.04	25.2	32.5	21	20.8	6, 8	86.9	309.4	100.4	24	6.9	91	33	0	1	7	3	3	2	46	4,254.7	137.2	5.7
February	59.94	24.8	33	27	20.5	6	88.6	381	58.4	23	7.4	86	18	6	6	8	0	3	2	39	3,301.4	117.9	4.9
March	59.20	25.8	34.5	11	21.1	1	85.1	270.8	46.5	4	5.3	59	25	8	4	16	6	1	0	67	3,428.6	110.6	4.6
April	58.20	26.6	34.7	24	20.8	4	84.7	112.2	26.4	2	4.8	54	12	5	6	32	2	2	4	63	3,072.5	102.4	4.3
May	58.64	26.6	35	27	21.6	17	86.2	145.8	27.4	5	5	71	6	4	8	31	5	2	3	56	3,096.4	99.9	4.2
June	58.31	26.1	34.1	20	21.9	23	88	281.7	36.4	26	6.3	59	6	8	15	23	3	1	3	62	2,921.7	97.4	4.1
July	57.18	27.2	34.2	31	22.7	1, 13, 26	84.9	395.9	117.2	12	8.2	13	0	2	4	36	47	17	4	63	4,540.2	146.5	6.1
August	57.69	27	34.3	1, 14	22	8	84.7	237.5	66.3	4	6.4	52	6	3	11	42	19	9	4	40	4,596	148.3	6.2
September	57.93	26.5	33.3	17	21.7	14	86.1	248.7	53.9	16	8.1	29	5	1	7	34	19	17	6	62	3,835.7	127.9	5.3
October	57.54	26.1	33.1	21	22.1	28	87.4	345.3	74	5	7.1	33	13	2	6	29	13	9	6	75	4,747.4	153.1	6.4
November	58.05	25.5	32.6	4, 21	21.8	10	90.2	221.2	38.2	5	7.3	30	15	5	6	13	1	1	4	105	2,008.4	66.9	2.8
December	57.78	25.4	32.8	18	20.6	1	88.4	232.7	35.8	17	6.1	31	31	6	2	12	1	3	3	97	2,377.7	76.7	3.2
Year	758.38	26.1	35		20.5		86.8	3,182.2	117.2		6.6	608	170	50	76	283	119	68	41	775	42,180.7	115.4	4.8

[a] 26 days of observation.
[b] 27 days of observation.
[c] No observation of wind direction was made on June 18, 10 a. m. to June 21, 10 a. m.

LEGASPI.

Month.	Pressure (mean).	Temperature. Mean.	Maximum.	Date.	Minimum.	Date.	Relative humidity (mean).	Rainfall. Total.	Maximum in 24 hours.	Date.	Cloudiness (mean).	Wind. Number of winds from six daily observations. N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	Total monthly velocity.	Average daily velocity.	Average hourly velocity.
	mm	*°C.*	*°C.*		*°C.*		*P.ct.*	*mm*	*mm*		*0-10*										*Km.*	*Km.*	*Km.*
January	760.46	25.3	30.4	2	21.8	31	85.3	788.6	134.6	25	7.7	75	99	2	1	0	0	0	1	8	9,481	305.8	12.7
February	60.37	24.7	29.9	26	21.1	12	90.2	736.8	129.7	3	7.8	62	88	2	0	0	2	0	0	14	6,932.4	247.6	10.3
March	59.51	26.3	31.3	31	22.4	9, 11, 30	85.3	459.7	97.7	26	5.8	66	104	3	1	0	0	1	0	11	5,862.3	189.1	7.9
April	58.20	27.9	33.2	28	22.8	12	80.3	64.1	14.7	1	3.9	27	109	5	0	1	1	1	0	36	4,827	160.9	6.7
May	58.54	27.9	33.9	12	21.9	17	80.7	63.5	17.3	20	5.1	12	86	8	2	5	10	3	2	58	4,503.7	145.3	6.1
June	58.23	27.9	32.9	19	22.7	21	79.7	105.8	25.1	3	5	5	97	7	1	4	26	7	0	33	5,266.9	175.6	7.3
July	56.75	27	32.6	3	23	26	83.8	2 0.9	36.6	16	7.4	5	3	1	5	25	112	9	2	24	6,443	207.8	8.7
August	57.37	27.4	34.3	15	22.6	7	82	112.4	21.2	8	5.6	3	26	6	1	15	79	9	2	45	5,361.1	172.9	7.2
September	57.58	26.6	33.3	12	22.7	10	84.8	351.4	62.3	5	7.2	6	23	4	0	20	72	11	2	42	5,300.6	176.7	7.4
October	57.34	26.6	31.8	3	22.4	23	85 3	401.9	80	5	6.8	23	63	6	0	6	39	7	0	42	6,078.7	196.1	8.2
November	58.27	26.4	31.5	11	22.3	19	85.9	477.8	71.1	3	7	35	111	5	1	0	2	0	0	26	6,668.2	222.3	9.3
December	58.12	25.8	31.2	4	20.9	2	85.6	548.5	106.4	26	5.8	90	64	3	0	0	0	0	1	28	[a]7,201.8	232.3	9.7
Year	758.40	26.6	34.3		20.9		84.1	4,311.4	134.6		6.3	409	873	52	12	76	343	48	10	367	73,926.7	202.7	8.5

ATIMONAN.

January	761.11	24.8	29.8	2	21	28	85.7	699.8	103.6	20	9	128	32	1	0	2	4	1	15	3	22,164.2	715	29.8
February	60.82	24.7	29.2	28	21.2	14	84.6	185.1	42.4	19	8.6	106	13	0	0	0	6	2	36	5	16,082.9	574.4	23.9
March	59.71	26.2	31.8	25	22	23, 25	84.6	230.9	90.1	25	6.6	87	66	6	0	1	3	1	19	3	13,928.2	449.3	18.7
April	58.13	27.5	35.2	24	21.8	12	82.1	84.5	35.3	11	5.7	49	42	6	1	2	53	5	10	12	9,037.4	301.2	12.6
May	58.42	27.4	34.7	11	22.4	29	83.4	64.1	15.2	28	6.4	23	11	6	1	6	88	1	19	31	7,214.5	232.7	9.7
June	58.05	27.4	33.9	17	22.6	23, 27	83.7	169.5	41.1	30	5.6	15	18	12	3	7	89	4	14	18	6,706	223.5	9.3
July	56.44	27	33.7	9	22.1	22, 26	81.4	164.8	33.1	16	8.2	6	6	1	1	19	104	8	11	30	[b]7,418.1	239.3	10
August	57.15	27.8	35	16	22.9	5, 10	81.6	129.9	36.6	4	6.6	23	14	3	0	8	99	6	10	22	[c]7,475.7	241.2	10
September	57.46	26.7	33.4	13	22.4	6	85	200.6	25.7	21	8.2	17	14	6	2	10	80	5	16	30	[d]6,542.1	218 1	9.1
October	57.55	26.4	31.8	28	22.5	14, 28	87.2	337.3	58.6	5	7.9	45	27	6	0	2	54	2	28	22	9,232.2	297.8	12.4
November	58.69	26.2	31.1	10	22.1	8, 26	87.3	441.6	87.8	.22	8.4	78	66	5	0	1	3	2	16	9	15,093.7	503.1	21
December	58.68	25.4	29.9	2	21.1	31	88	481.6	88.6	6	8.3	59	90	2	0	0	3	2	26	4	17,075.9	550.8	23
Year	758.52	26.5	35.2		21		84.6	3,189.7	103.6		7.5	636	399	54	8	58	586	39	220	190	137,970.9	378.9	15.8

AMBULONG, TANAUAN.

January	760.03	25	32.5	2	21	29	84.1	69.3	39.3	25	6.9	6	156	6	0	0	2	0	0	16	7,567.5	244.1	10.2
February	59.83	25.4	33.4	18, 28	21.5	3, 6, 19	81.1	8.6	3.8	6	7.3	9	122	2	5	0	2	0	1	27	[a]4,797.4	171.3	7.1
March	58.85	27.2	36	31	21.5	30	75.9	18	14.5	13	6.6	7	106	3	4	0	2	0	0	64	2,773.3	89.5	3.7
April	57.38	28.5	38	21	22.4	22	72.7	69.2	46	21	7	4	68	16	3	5	14	1	1	68	4,727.5	157.6	6.6
May	57.82	27.4	36.3	1	22	21, 29	78.5	174.9	41.4	15	7.4	6	53	25	9	8	15	3	1	66	3,989.3	128.7	5.4
June	57.51	27.5	35.3	11	22.8	25	79.7	159	32.2	26	7.8	4	50	29	7	8	15	2	1	64	----------	124.9	5.2
July	56.48	26.6	32.6	14	22	25	82.8	292.8	61.5	16	8.4	6	37	14	2	14	55	4	3	51	[a]3,853.3	124.3	5.2
August	56.80	27.4	35	29	22.5	7, 10, 30	81.9	61.6	10.9	30	7.7	7	47	17	7	14	48	10	2	34	5,165.5	166.6	6.9
September	57.04	26.5	33.1	13, 15	22.4	20, 23	83.8	215	39.4	2	8.5	7	59	14	5	8	35	5	1	46	[e]4,698.3	156.6	6.5
October	56.99	26.5	33.9	21	21.8	14	83.9	218.8	29 7	4	8.1	13	75	15	1	5	21	4	0	52	4,990.8	161	6.7
November	58.03	26.1	32.8	10	22.4	27	84.3	173.2	26.7	16, 23	8.1	18	125	6	0	0	0	0	1	30	----------	206.9	8.6
December	58.01	25.4	32.7	2	21.2	31	85.4	46.9	17.1	19	7.4	17	135	9	0	2	1	0	0	22	[f]6.413.6	206.9	8.6
Year	757.90	26.6	38	----------	21	-------	81.2	1,507.3	61.5	-----	7.6	104	1,033	156	43	64	210	29	11	540	----------	161.5	6.7

PARACALE.

January	761.21	24.8	30.2	2	21.7	2	87.3	1,099.2	169.6	12	9.1	0	157	5	0	0	0	0	0	24	8,714.7	281.1	11.7
February	61.04	24.4	29.2	8	21.2	1, 4, 13	87.6	772.5	202.7	3	9.2	21	88	10	0	0	0	0	0	49	5,995.9	214.1	8.9
March	60.03	26.1	31	22	22	28	85.3	339	52.9	24	7.6	1	114	0	0	0	0	4	0	67	4,889.8	157.7	6.6
April	58.38	27.2	32.8	24	22.4	10	85.2	94.1	26.4	8	5.3	0	66	1	0	0	0	0	0	113	2,795.7	93.2	3.9
May	58.61	27.3	33.8	28, 31	23.1	9	85.7	183.4	52.1	2	6.1	2	40	0	0	0	0	0	4	140	2,259	72.9	3
June	58.22	27.4	34.2	18	22.5	22	84.9	220.5	44.7	26	5.4	0	38	3	1	0	0	2	0	136	2,380	79.3	3.3
July	56.42	26.9	34.3	8	22.8	22	86.7	344.9	74.4	1	8.6	2	3	1	2	3	19	0	0	156	2,414.6	77.9	3.2
August	57.16	27.9	34.8	2	22.8	6	82.5	126.8	46.7	8	6.6	4	24	2	0	11	18	2	0	125	2,770.9	89.4	3.7
September	57.45	26.7	33.6	1	23	23	87.7	430.6	73.1	18	9	0	13	0	0	5	15	3	2	142	2,130.1	71	3
October	57.51	26.4	32.2	1	22.7	15	89.2	835.8	170.6	5	8.7	0	34	10	0	1	3	4	6	128	2,790.2	90	3.8
November	58.82	26	31	1, 2, 10	22.8	29	89.8	1,095.6	167.9	16	9.5	28	90	4	0	0	0	0	0	58	4,960.8	165.4	6.9
December	58.75	25.2	30.8	2	21.7	3, 31	89.8	749.6	97.9	8	8.7	18	93	0	0	0	0	0	0	75	5,593.9	180.4	7.5
Year	758.63	26.4	34.8	----------	21.2	-------	86.8	6,292	202.7	-----	7.8	76	760	36	3	20	55	15	12	1,213	47,695.6	131	5.5

[a] 5 hours missing.
[b] 2 hours missing.
[c] 8 hours missing.
[d] 4 hours missing.
[e] 1 hour missing.
[f] 3 hours missing.

DAGUPAN.

Month.	Pressure (mean).	Temperature. Mean.	Maximum.	Date.	Minimum.	Date.	Relative humidity (mean).	Rainfall. Total.	Maximum in 24 hours.	Date.	Cloudiness (mean).	Wind. Number of winds from six daily observations. N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	Total monthly velocity.	Average daily velocity.	Average hourly velocity.
	mm.	*°C.*	*°C.*		*°C.*		*P. ct.*	*mm.*	*mm.*		*0-10*										*Km.*	*Km.*	*Km.*
January	760.15	25.9	34.4	1	18.5	7	72.6	45.5	23.9	2	4.9	5	1	2	81	30	4	1	49	13	7,222	233	9.7
February	59.79	25.7	36.2	27	18.7	23	70.6	22.8	11.9	18	4.1	10	6	7	63	20	6	1	46	9	7,809.5	278.9	11.6
March	58.75	27.5	37.6	13	20.5	1	71.2	16.6	15.3	23	3.8	4	4	4	77	17	8	1	56	15	8,044.5	259.5	10.8
April	57.28	28.7	37.6	19	22.3	7	73.8	83.8	38.6	19	4.1	13	8	8	53	12	4	9	61	12	7,257.5	241.9	10.1
May	57.69	28.1	37.1	22	22.5	1	78.7	247.1	53.9	25	6.3	6	7	10	60	10	6	14	42	31	6,835.4	220.5	9.2
June	57.29	28.1	37.2	15	22.8	27	79.1	162.8	33.5	1	6.7	5	6	14	89	11	8	14	21	12	6,673.6	222.5	9.3
July	55.91	25.9	34	2	22	15	88.6	734.5	152.4	17	8.8	14	5	17	78	17	11	9	17	18	6,223.6	200.8	8.4
August	56.51	27.7	35.8	30	21.6	8	83.6	230.9	76.7	8	7	5	4	12	44	14	15	19	57	16	7,460.1	240.6	10
September	56.76	27	35	1	23	8	86	364.6	68.1	26	7.7	10	5	18	79	15	6	16	15	16	5,620.4	187.3	7.8
October	56.83	27.3	35.4	30	22.2	5	85.2	287.6	51.3	4	7.7	10	3	26	59	14	7	12	32	23	[a]5,412	174.6	7.3
November	58	26.7	35.2	2	21.8	17	79.6	27.1	7.1	10	7.1	12	7	16	78	21	2	0	28	16	5,574.4	185.8	7.7
December	58.07	26	34.3	12	20.3	27	79.4	85.1	66.3	6	5.3	8	4	8	55	20	10	5	53	23	5,929.2	191.3	8
Year	757.75	27	37.6		18.5		79	2,308.4	152.4		6.1	102	60	142	816	201	87	101	477	204	80,062.2	219.7	9.2

BAGUIO.[b]

January	637.75	16.4	24.3	20	11.7	12	81.1	67.4	38.3	3	5.2	6	12	102	23	3	24	12	4	0	12,033.3	388.2	16.2
February	37.28	16.4	26.7	27	10.8	14	79	12.7	10.8	18	4.2	6	7	87	11	3	32	19	3	0	10,659.4	380.7	15.9
March	37.04	17.8	26.3	12	13.5	26	81.8	149.6	43.4	17	5.7	6	15	80	18	3	35	26	3	0	10,547	340.2	14.2
April	36.24	18.6	25.9	11	14.4	1	86.7	167.9	41.9	30	6.2	12	12	39	20	5	45	37	10	0	9,034.7	301.2	12.6
May	36.61	18.4	25.9	30	15	1	88.8	295.6	54.9	28	6.8	7	19	50	29	5	47	25	4	0	9,752	314.6	13.1
June	36.27	18.6	26	11	14.9	23	87.2	271.7	44	3	6.6	5	16	55	26	7	40	25	6	0	9,380	312.7	13
July	34.54	17.1	23.8	3	14.4	14, 25	94.4	1,179.9	160.8	11	9.5	4	6	12	12	8	82	51	11	0	15,427.3	497.7	20.7
August	35.42	18	25	23	14.9	Various	91	677.4	214.1	11	8.7	10	13	24	12	1	60	53	11	2	13,329.4	430	17.9
September	35.55	17.8	25.7	1	14.5	11	92	625.5	137.4	10	8.4	5	13	54	16	4	51	28	8	1	10,052.9	335.1	14
October	35.71	18.2	25.5	30	14.3	18	88.2	211.9	27.3	4	7.1	14	16	65	24	7	28	29	3	0	[c]8,912.6	287.5	12
November	36.55	17.9	25.5	11	13.2	17	82.4	66.7	20.4	12	6.1	4	9	113	20	5	19	8	2	0	12,636.9	421.2	17.6
December	36.19	16.9	24.5	12, 18	10.4	28	86.4	146.3	52.6	11	5.5	4	15	96	16	4	32	15	4	0	9,563.7	308.5	12.9
Year	636.26	17.7	26.7		10.4		86.6	3,872.6	214.1		6.7	83	153	777	227	55	495	328	69	3	131,329.2	359.8	15

VIGAN.

January	760.52	26.1	33.1	24	18.8	9	63.5	0	0	0	3.2	37	37	15	2	3	2	9	42	39	10,186.6	328.6	13.7
February	60.18	25.4	33.1	5	15.5	10	63.2	2.8	2.8	18	3	22	25	24	3	0	5	5	45	39	8,634.4	308.4	12.8
March	59.14	27.2	34.8	5	20.5	31	68.1	16.7	15.7	26	2.8	31	12	15	3	5	11	15	60	34	8,396	270.8	11.3
April	57.53	28.3	34.6	25	21.9	14	72.1	60.3	29.7	13	2.8	14	2	14	4	9	31	13	36	57	6,363.6	212.1	8.8
May	57.94	28.3	34.3	30	22.6	6	73.9	131.1	31.7	26	5.9	10	3	43	6	14	30	16	20	44	6,649.4	214.5	8.9
June	57.44	28.3	35.7	12	22.3	26	76.1	302.2	44.9	21	6.2	1	10	45	6	23	27	8	21	39	6,006.4	200.2	8.3
July	55.58	26.4	32.8	2	21.9	14	83.7	1,063.3	209.7	12	8.4	1	0	16	17	92	28	1	5	26	8,568.7	276.4	11.5
August	56.53	27.2	33.2	30	22.7	4	83.8	475.6	124.8	11	6.6	1	3	21	2	45	27	12	35	40	7,822.8	252.3	10.5
September	56.81	27.3	33.5	1	22.8	11	83.1	299	62.8	29	6.7	0	13	16	12	19	23	13	11	73	5,096	169.9	7.1
October	57.03	27.5	34	18	22.1	3, 9, 17	81.3	120.8	55.5	14	6.3	23	6	10	3	0	10	10	46	78	5,599.2	180.6	7.5
November	58.27	27.3	35	7	20.8	14	71.6	6.7	5.5	10	5.4	36	13	1	0	1	1	6	65	57	7,635.6	254.5	10.6
December	58.44	25.6	32.8	4	19.6	8, 27	71.7	0	0	0	4	46	11	5	3	1	1	7	62	50			
Year	757.96	27.1	35.7		15.5		74.3	2,478.5	209.7		5.1	222	135	225	61	212	196	115	448	576			

LAOAG.[d]

January	760.68	25.3			16.3	6	71.2	0	0	0	2.1	54	60	31	1	0	0	2	15	23	6,902.9	222.7	9.3
February	60.44	24.6			12.3?	10	72	0	0	0	1.6	23	54	38	1	0	0	2	28	22	5,282	188.6	7.9
March	59.16	26.9			18.1	23, 28	69.4	20.4	11.5	26	1.1	40	42	37	1	0	2	2	34	28	6,836.7	220.5	9.2
April	57 55	28.3			20	1, 8	65.6	50.8	33.3	30	1.9	14	4	45	8	3	7	25	41	33	6,623.4	187.4	7.8
May	57.98	27.8			20.9	7	68.7	139.3	27.1	6	4.6	13	4	64	8	4	11	26	33	23	6,093	196.5	8.2
June	57.43	27.4			21.4	21, 22	75.1	537.8	140.9	21	6.3	1	0	69	33	7	14	24	20	12	5,706.3	190.2	7.9
July	55.48	26.1			21.8	22	78.8	754.8	188.4	29	8.2	1	5	18	58	30	41	8	4	21	6,361.9	205.2	8.6
August	56.39	26.8			21.8	20	75.8	874.6	268.2	11	5.4	8	0	37	35	22	23	23	19	19	[e]6,987.9	225.4	9.4
September	56.82	26.7			21.1	15	75.2	936.2	201.4	11	4.5	4	2	66	16	6	9	12	23	39	4,383.3	146.1	6.1
October	57.60	26.4			20.4	31	75.8	63.2	14.2	7, 23	3.6	9	16	45	5	1	1	16	16	53	4,203.4	135.6	5.6
November	58.66	25.5			17	13, 17	75.8	51.2	23 6	27	3.4	80	57	10	0	0	1	0	4	28	5,573.8	185.8	7.7
December	58.83	[g]24.8			[g]17	31	[g]75.9	.8	.8	7	[h]1.6	115	2	8	2	0	0	0	6	53		185.8	7.7
Year	758.08	26.4			12.3?		73.3	3,429.1	268.2		3.7	362	246	468	168	73	109	140	246	354		190.8	8

[a] 7 hours missing.
[b] The barometric readings of this station are not reduced to sea level.
[c] 4 hours missing.
[d] The maximum temperatures of this station are omitted: they seem to be too high.
[e] 3 hours missing.
[f] 27 days of observation.
[g] 28 days of observation.
[h] 30 days of observation.

APARRI.

Month.	Pressure (mean).	Temperature.					Relative humidity (mean).	Rainfall.			Cloudiness (mean).	Wind.									Wind.		
		Mean.	Maximum.	Date.	Minimum.	Date.		Total.	Maximum in 24 hours.	Date.		Number of winds from six daily observations.									Total monthly velocity.	Average daily velocity.	Average hourly velocity.
												N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.			
	mm.	°*C.*	°*C.*		°*C.*		*P. ct.*	*mm.*	*mm.*		*0–10*										*Km.*	*Km.*	*Km.*
January	763.41	22	28.2	7	18.4	7	85.7	154.1	28.2	17	8.6	4	87	56	20	4	0	0	0	15	13,210.2	426.1	17.8
February	62.44	22.1	30.3	27	17.3	11	81.9	113	28.2	7	6.4	12	55	47	24	11	4	0	3	12	10,668.9	381	15.9
March	61.16	23.9	32.5	3	20.2	28,31	85.4	196.7	30.5	15	6.7	6	114	21	30	4	2	0	4	5	13,794.3	445	18.5
April	58.31	26.4	33	20,23	21.6	17	82	48.1	40.6	30	3.6	13	53	12	26	40	12	6	13	5	9,669.1	322.3	13.4
May	58.47	26.9	33.5	30	22.5	20	82.6	153.7	26.7	13	5.9	14	46	8	10	45	24	20	9	10		288.8	12
June	57.73	27.7	34.2	15	22.8	23	81.5	176.9	63	23	6.1	7	23	5	15	68	24	16	14	8		297.6	12.4
July	55.48	26.5	33.3	5	22.8	27	85.4	213.2	64.2	17	7.9	7	16	7	14	77	24	12	15	14		297.4	12.4
August	56.20	27.5	35.5	2,21	22.5	22	81.7	251.8	63.8	10	6.3	16	34	7	14	42	33	2	18	20		277.4	11.6
September	57.10	27.2	35.2	3	22.4	15	82.7	237.2	62	11	6.1	18	44	8	8	31	25	4	9	33	[a]7,246.7	241.6	10.1
October	57.98	26.5	33.1	28	22.4	18	84.9	288.4	46.3	20	7.3	14	66	17	13	6	9	5	9	47	7,356.8	237.3	9.9
November	60.81	24.7	31.8	4	21.3	13,17	85.8	399.9	47.3	28	8.5	18	114	20	4	0	0	0	1	23	13,256.8	441.9	18.4
December	61.15	22.4	29.8	14	17	30	88.3	273.8	37.6	23	9.3	26	130	14	1	2	0	1	4	8	15,127.2	488	20.3
Year	759.19	25.3	35.5		17		84	2,506.8	64.2		6.9	155	782	222	179	330	157	66	99	200		345.4	14.4

TAGBILARAN.

Month.	Pressure (mean).	Temperature. Mean.	Maximum.	Date.	Minimum.	Date.	Relative humidity (mean).	Rainfall. Total.	Maximum in 24 hours.	Date.	Cloudiness (mean).	Wind. Number of winds from six daily observations. N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	Velocity, monthly mean.
	mm.	°C.	°C.		°C.		*P. ct.*	*mm.*	*mm.*		*0–10*										*0–12*
January[a]	759.24	25.2	31.4	10, 25	21	6	85.9	117.8	31.5	17	7.4	45	6	0	3	17	0	2	5	90	0.8
February[b]	59.26	25.1	31.5	26	20.4	25	85.8	91.7	21.3	9	5.9	14	2	1	2	33	0	2	7	101	.7
March[c]	58.78	26.1	33.4	28	21	25	82.4				3.5	13	1	0	7	30	0	2	4	87	.8
April	57.73	26.6	33.1	24	21	4, 13	82.2	38.1	19.8	25	4.7	7	0	0	2	40	0	5	6	120	.8
May	58.38	26.9	34.5	9	22	14, 15	82.6	142.3	48.3	29	5.7	12	0	1	1	28	0	2	4	138	.7
June[b]	58.10	26.4	32.5	1, 2, 7	21.4	23	83.8	159.4	42.7	21	5.5	14	2	0	12	42	1	0	2	89	.9
July[d]	57.79	27	33.4?	27	22 ?	19	81.6				6.7	0	0	0	10	58	6	2	0	56	1.4
August	57.77	26.9	33.2	2	22.4	4, 24, 25	81.5	172.8	63	4	6.1	0	0	2	17	52	8	10	2	95	1.1
September	57.86	26.7	33.5	26	20.9	8	81.3	160.7	50.5	4	7.6	0	0	0	14	55	3	3	2	103	.9
October	57.49	26.1	32.4	21	22	18	83.4	215.7	47.2	29	7.2	2	1	1	7	61	5	7	2	100	.9
November	57.49	26	33.2	12	22.3	26	83.4	251.6	60.7	14	6.4	15	5	0	13	23	0	10	9	105	.7
December	57.22	25.5	32.3	21	20.9	4	84.1	219.5	50.5	3	6.1	16	5	1	7	18	1	8	10	120	.5
Year	758.09	26.2	34.5		20.4		83.2				6.1	138	22	6	95	457	24	53	53	1,204	0.8

SAN ISIDRO.

January	761.21	24.7	32.4	2	18.5	7	76	6	1.3	26, 31	4.7	83	44	49	1	0	0	0	5	4	2
February	60.78	24.6	33.6	17	17	23	74.4	38.9	30.7	17	4.4	44	32	48	6	0	0	0	19	19	1.8
March	59.60	26.6	36	31	19.4	1	70.3	43.1	37.8	31	4.3	20	38	62	10	2	1	1	24	28	1.8
April	58.03	28	36.6	23	20.4	5	74	77	20.3	30	4.6	21	37	37	12	8	2	1	37	25	1.4
May	58.47	27.7	36	19, 20	21.3	19	79.2	177.4	50.8	24	5.3	53	20	18	28	24	3	0	9	31	1.1
June	58.22	27.2	34.9	15	22.3	23	82.8	233.3	54.1	26	5.5	31	16	31	26	29	3	2	9	33	1.3
July	56.87	25.4	32.2	16	21.7	28	91.4	603.2	71.1	16	7.7	12	4	0	12	63	45	0	4	46	1.3
August	57.37	26.9	33.8	23	22.6	26	86.4	251.4	78.2	25	6.2	12	19	6	5	54	14	8	22	46	1.4
September	57.64	26.1	32.4	1	22.4	22	89.5	165.2	50.8	9	7	15	14	1	8	58	16	0	6	62	1
October	57.63	26.5	32.5	31	22.3	29	86.1	170.1	62	7	6.6	26	54	17	8	12	10	6	22	31	1.2
November	58.93	25.3	32.9	2	21	9	85.7	188.8	33.4	23	6.3	48	59	40	4	2	0	0	5	22	1.4
December	58.89	24.9	32.1	10	17.4	31	82.3	40.9	15.3	20	5.3	50	67	42	0	1	1	0	8	17	1.5
Year	758.64	26.2	36.6		17		81.5	1,995.3	78.2		5.7	415	404	351	120	253	95	18	170	364	1.4

TUGUEGARAO.

January	762.97	22.7	30.6	23	18.3	12, 30	84.2	32.9	11.2	13	7.9	31	40	1	1	1	2	0	55	55	1.5
February	61.92	23.3	35.4	28	16.5	23	77.4	12.8	8.2	16	6.5	13	15	1	14	10	4	1	32	78	1
March	60.64	25.4	37.5	14	19.5	26	79.6	83.7	52.3	20	6.8	17	21	6	6	9	11	2	51	63	1.2
April	58.12	27.4	37	6, 12	20.4	1	77.5	116.2	63.5	17	5.6	8	12	5	24	14	21	2	15	79	.7
May	58.30	27.8	37.8	17, 30	22	14	79.2	119.6	32.5	11	6.9	14	10	1	34	23	15	3	20	66	.8
June	57.67	28.5	39.8	17	22.8	20, 23	78.3	171.4	54.9	1	6	9	5	4	45	28	23	2	10	54	.8
July	55.47	27	38.8	6	22.5	15	83.6	242.5	48.2	30	7.6	5	7	1	42	24	18	2	9	78	.7
August	56.23	27.4	38.3	28	22.3	22	83	277	93.7	10	6.7	7	18	6	40	14	10	3	23	65	.8
September	57.05	26.8	36.8	3	21.7	4	85.4	299.8	74.5	3	7	9	15	4	18	14	15	5	19	81	.6
October	57.75	26.3	34.8	28, 31	21.6	18, 31	86.7	129.3	27.2	7	6.9	18	20	4	18	7	11	3	32	73	.7
November	60.27	24.2	34.2	2, 4	20.4	14	89.8	386.5	58.3	7	8	17	20	1	4	3	3	2	72	58	1.1
December	60.49	22.7	30.8	14	17.1	31	89.5	166.2	70.9	9	8.3	27	27	0	1	2	3	6	94	26	1.6
Year	758.91	25.8	39.8		16.5		82.8	2,037.9	93.7		7	175	210	34	247	149	136	31	432	776	1

[a] 28 days of observation. [b] 27 days of observation. [c] 24 days of observation. [d] 22 days of observation.

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DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES
WEATHER BUREAU
REV. JOSÉ ALGUÉ, S. J., DIRECTOR

ANNUAL REPORT OF THE WEATHER BUREAU

FOR THE YEAR 1917

PART IV

HOURLY RESULTS OF THE OBSERVATIONS MADE AT THE MAGNETIC OBSERVATORY OF ANTIPOLO, NEAR MANILA, P. I., DURING THE CALENDAR YEAR 1917

MANILA
BUREAU OF PRINTING
1921

181709

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INTRODUCTION.

The Magnetic Observatory, which is a division or branch of the Weather Bureau, Manila Observatory, was located at Manila in the Observatory grounds until 1904, but it had to be temporarily closed on account of the electric car system established in that city. The new location at Antipolo lies due east of the old at a distance of 18.5 kilometers. The coördinates of the variation building are 121° 10′ E and 14° 36′ N, its elevation above the sea level about 215 meters.

A deseription of the buildings, instruments, and method both of observation and of reduction, will be found in the "Annual Report of the Weather Bureau for the year 1911, Part IV." The arrangement of the magnetic values in this publication is the same as that of 1911; we adopted the distribution given by the Coast and Geodetic Survey of the United States of America to similar publications of its magnetic observatories.

For all the observations the Insular standard time of the Philippine Archipelago, eight hours (8^h) or the 120th meridian east of Greenwich, is used. Each hourly value of D, H, or Z in the monthly tabulations represented the momentary value of the quantity for the specified hour.

Diurnal Variation of D.

1917.

[Five International quiet days. Time 8h E of Greenwich; 24h or 0h = midnight.]

Hour.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Group Means.			Year.
	I	I	II	II	III	III	III	III	II	II	I	I	I	II	III	
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	−0.24	+0.13	−0.08	+0.30	0.00	0.00	−0.03	+0.10	+0.10	+0.07	−0.04	−0.14	−0.07	+0.10	+0.02	+0.01
2	−0.24	+0.13	+0.03	+0.27	+0.12	+0.17	+0.08	+0.21	+0.30	+0.04	+0.02	−0.11	−0.05	+0.16	+0.14	+0.08
3	−0.16	+0.16	+0.09	+0.22	+0.26	+0.31	+0.17	+0.32	+0.44	+0.07	−0.01	−0.16	−0.04	+0.20	+0.26	+0.14
4	−0.16	+0.16	+0.06	+0.04	+0.32	+0.39	+0.31	+0.47	+0.50	+0.04	−0.07	−0.28	−0.09	+0.16	+0.37	+0.15
5	−0.18	−0.07	−0.08	−0.18	+0.52	+0.57	+0.54	+0.64	+0.50	−0.05	−0.35	−0.48	−0.27	+0.05	+0.57	+0.12
6	−0.21	−0.47	−0.09	+0.30	+1.06	+1.17	+1.45	+1.35	+1.50	+0.18	−0.53	−0.65	−0.46	+0.47	+1.26	+0.42
7	−0.16	−0.93	−0.09	+1.13	+1.59	+1.86	+1.60	+2.01	+2.22	+0.81	−0.53	−1.11	−0.68	+1.02	+1.76	+0.70
8	+0.59	−0.50	+0.11	+1.30	+1.32	+1.80	+1.14	+1.92	+1.76	+1.15	−0.07	−0.76	−0.18	+1.08	+1.54	+0.81
9	+1.13	+0.10	+0.37	+1.48	+0.69	+1.40	+0.63	+1.07	+0.76	+0.98	+0.47	−0.14	+0.39	+0.90	+0.95	+0.74
10	+0.93	+0 44	+0.74	+1.16	−0.25	+0.60	−0.21	−0.02	−0.24	+0.41	+0.79	+0.78	+0.74	+0.52	+0.03	+0.43
11	−0.33	+0.10	+0.69	+0.28	−0.86	−0.43	−1.40	−1.05	−1.76	−0.42	+0.73	+1.29	+0.45	−0.30	−0.94	−0.26
12	−1.41	−0.19	+0.08	−0.84	−1.45	−1.00	−1.95	−1.91	−2.50	−0.79	+0.48	+1.29	+0.04	−1.01	−1.58	−0.85
13	−1.13	−0.53	−0.52	−1.85	−1.63	−1.12	−1.83	−2.36	−2.62	−0.91	+0.25	+0.61	−0.20	−1.48	−1.74	−1.14
14	−0.41	−0.21	−0.63	−1.96	−1.08	−1.15	−1.18	−2.39	−1.53	−0.69	−0.01	+0.44	−0.05	−1.20	−1.45	−0.90
15	+0.07	+0.07	−0.29	−1.39	−0.60	−1.15	−0.66	−1.39	−0.22	−0.27	−0.30	+0.21	+0.01	−0.54	−0.95	−0 49
16	+0.50	+0.33	+0.25	−0.50	+0.04	−0.92	0.00	−0.30	+0.61	−0.01	−0.07	+0.21	+0.24	+0.09	−0.30	+0.01
17	+0.42	+0.39	+0.34	+0.24	+0.29	−0.52	+0.40	+0.58	+0.73	−0.10	−0.01	+0.04	+0.21	+0.30	+0.19	+0.23
18	+0.16	+0.19	+0.06	+0.33	+0.32	−0.12	+0.60	+0.61	+0.07	−0.41	−0.20	−0.19	−0.01	+0.01	+0.35	+0.12
19	+0.50	+0.07	−0.12	+0.13	+0.12	−0.26	+0.31	+0.24	−0.01	−0.07	+0.06	−0.16	+0.12	−0.02	+0.10	+0.07
20	+0.33	+0.10	−0.06	−0.02	−0.08	−0.38	+0.14	+0.04	−0.07	+0.04	+0.11	−0.10	+0.11	−0.03	−0.07	0.00
21	+0.19	+0.19	−0.14	−0.16	−0.19	−0.38	+0.06	−0.05	−0.19	−0.07	−0.14	−0.16	+0.02	−0.14	−0.14	−0.09
22	−0.01	+0.10	−0.32	−0.19	−0.25	−0.29	−0.06	−0.10	−0.21	−0.13	−0.26	−0.16	−0.08	−0.21	−0.18	−0.16
23	−0.10	+0.07	−0.29	−0.13	−0.19	−0.26	−0.03	−0.10	−0.19	−0.07	−0.26	−0.16	−0.11	−0.17	−0.14	−0.14
24	−0.16	+0.07	−0.14	+0.01	−0.11	−0.18	0.00	+0.04	+0.01	+0.10	−0.11	−0.11	−0.08	0.00	−0.06	−0.05

Diurnal Variation of Y.

1917.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	− 2	+ 1	− 2	+ 3	0	− 1	− 1	+ 1	+ 1	+ 1	− 1	− 1	− 1	+ 1	0	0
2	− 2	+ 1	0	+ 3	+ 1	+ 1	0	+ 2	+ 3	0	0	− 1	0	+ 2	+ 1	+ 1
3	− 1	+ 1	0	+ 2	+ 2	+ 2	+ 1	+ 3	+ 5	+ 1	0	− 2	0	+ 2	+ 2	+ 1
4	− 1	+ 1	0	+ 1	+ 3	+ 3	+ 3	+ 5	+ 6	0	− 1	− 3	− 1	+ 2	+ 4	+ 1
5	− 2	− 1	− 2	− 1	+ 5	+ 6	+ 5	+ 8	+ 6	− 1	− 4	− 5	− 3	0	+ 6	+ 1
6	− 2	− 5	− 2	+ 3	+12	+13	+16	+15	+17	+ 2	− 6	− 7	− 5	+ 5	+14	+ 5
7	− 1	−10	− 2	+13	+18	+21	+18	+22	+25	+ 9	− 6	−12	− 7	+11	+20	+ 8
8	+ 7	− 6	+ 1	+14	+15	+20	+12	+21	+20	+12	− 1	− 8	− 2	+12	+17	+ 9
9	+13	+ 1	+ 4	+16	+ 8	+16	+ 7	+13	+ 9	+11	+ 5	− 1	+ 4	+10	+11	+ 8
10	+11	+ 5	+ 8	+13	− 2	+ 6	− 2	+ 1	− 2	+ 5	+ 9	+ 9	+ 8	+ 6	+ 1	+ 5
11	− 3	+ 2	+ 8	+ 4	− 9	− 5	−15	−10	−19	− 3	+ 9	+14	+ 6	− 2	−10	− 2
12	−15	− 2	+ 1	− 8	−16	−11	−21	−20	−27	− 8	+ 6	+14	+ 1	−10	−17	− 9
13	−12	− 6	− 6	−20	−18	−12	−20	−24	−28	− 9	+ 3	+ 7	− 2	−16	−18	−12
14	− 4	− 2	− 7	−21	−12	−13	−13	−26	−17	− 7	0	+ 5	0	−13	−16	−10
15	+ 1	+ 1	− 3	−15	− 7	−13	− 8	−15	− 2	− 3	− 3	+ 2	0	− 6	−11	− 5
16	+ 6	+ 4	+ 2	− 5	+ 1	−11	0	− 3	+ 7	0	− 1	+ 2	+ 3	+ 1	− 3	0
17	+ 5	+ 4	+ 3	+ 3	+ 3	− 6	+ 4	+ 7	+ 8	− 1	0	0	+ 2	+ 3	+ 2	+ 2
18	+ 2	+ 2	0	+ 4	+ 4	− 2	+ 7	+ 7	+ 1	− 4	− 2	− 2	0	0	+ 4	+ 1
19	+ 6	+ 1	− 2	+ 2	+ 2	− 3	+ 3	+ 3	0	− 1	+ 1	− 2	+ 2	0	+ 1	+ 1
20	+ 4	+ 1	− 1	0	0	− 4	+ 1	+ 1	− 1	0	+ 1	− 1	+ 1	0	0	0
21	+ 3	+ 2	− 2	− 1	− 1	− 4	+ 1	0	− 2	− 1	− 2	− 2	0	− 2	− 1	− 1
22	0	+ 1	− 4	− 1	− 2	− 3	− 1	− 1	− 2	− 1	− 3	− 2	− 1	− 2	− 2	− 2
23	− 1	0	− 4	− 1	− 1	− 3	0	− 1	− 2	− 1	− 3	− 2	− 2	− 2	− 1	− 2
24	− 1	0	− 2	0	0	− 2	0	+ 1	0	+ 1	− 1	− 1	− 1	0	0	0

Diurnal Variation of H.

1917.

[Five International quiet days. Time 8h E of Greenwich; 24h or 0h = midnight.]

Hour.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Group Means.			Year.
	I	I	II	II	III	III	III	III	II	II	I	I	I	II	III	
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	−21	−21	−28	−29	−22	−26	−24	−29	−31	−23	−20	−15	−19	−28	−25	−24
2	−19	−20	−29	−31	−22	−26	−25	−28	−29	−24	−19	−14	−18	−28	−25	−24
3	−19	−19	−27	−25	−21	−26	−25	−29	−31	−24	−18	−12	−17	−27	−25	−23
4	−19	−19	−28	−28	−20	−26	−25	−29	−26	−23	−17	−11	−16	−26	−25	−23
5	−17	−17	−26	−28	−19	−25	−24	−26	−27	−24	−16	− 9	−15	−26	−24	−22
6	−14	−15	−24	−26	−19	−19	−18	−23	−25	−23	−14	− 6	−12	−24	−20	−19
7	−10	− 8	−15	−19	−11	−11	− 6	−16	−19	−17	−10	− 2	− 8	−18	−11	−12
8	+ 1	+ 5	− 1	−10	− 2	+ 4	+ 5	0	− 4	− 5	− 1	+ 8	+ 3	− 5	+ 2	0
9	+17	+21	+18	+15	+12	+15	+16	+21	+16	+15	+12	+13	+16	+16	+16	+16
10	+35	+40	+42	+38	+28	+30	+36	+41	+46	+35	+29	+24	+32	+40	+34	+35
11	+47	+53	+57	+52	+39	+41	+45	+56	+57	+49	+40	+34	+44	+54	+45	+48
12	+42	+47	+56	+51	+42	+46	+44	+58	+60	+52	+42	+30	+40	+55	+48	+48
13	+31	+35	+47	+47	+37	+45	+42	+48	+50	+41	+33	+22	+30	+46	+43	+40
14	+18	+22	+31	+32	+28	+36	+33	+33	+36	+31	+20	+16	+19	+32	+32	+28
15	+ 9	+ 7	+19	+21	+15	+24	+19	+16	+22	+16	+11	+ 8	+ 9	+20	+18	+16
16	+ 2	0	+ 7	+12	+ 4	+ 9	+ 4	+ 2	+12	+ 8	+ 6	+ 4	+ 3	+10	+ 5	+ 6
17	− 2	− 5	0	+ 4	− 3	− 3	− 3	− 6	+ 3	+ 1	0	+ 2	− 1	+ 2	− 4	− 1
18	− 8	− 9	− 2	− 1	− 4	− 7	− 5	− 8	− 4	− 2	− 1	− 4	− 6	− 2	− 6	− 5
19	− 8	−11	− 9	− 5	− 9	− 8	− 8	− 8	−10	− 7	− 5	− 8	− 8	− 8	− 8	− 8
20	−11	−12	−12	− 8	−10	−10	−12	−11	−14	− 9	− 9	−10	−10	−11	−11	−11
21	−10	−16	−17	−11	−11	−13	−14	−12	−17	−14	−13	−14	−13	−15	−12	−14
22	− 9	−21	−21	−14	−10	−15	−13	−13	−20	−20	−15	−15	−15	−19	−13	−16
23	−12	−21	−22	−16	−11	−16	−16	−14	−23	−22	−17	−18	−17	−21	−14	−17
24	−13	−21	−23	−18	−12	−17	−16	−16	−25	−23	−17	−18	−17	−22	−15	−18

Diurnal Variation of X.

1917.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	−21	−21	−28	−29	−22	−26	−24	−29	−31	−23	−20	−15	−19	−28	−25	−24
2	−19	−20	−29	−31	−22	−26	−25	−28	−29	−24	−19	−14	−18	−28	−25	−24
3	−19	−19	−27	−25	−21	−26	−25	−29	−31	−24	−18	−12	−17	−27	−25	−23
4	−19	−19	−28	−28	−20	−26	−25	−29	−26	−23	−17	−11	−16	−26	−25	−23
5	−17	−17	−26	−28	−19	−25	−24	−26	−27	−24	−16	− 9	−15	−26	−24	−22
6	−14	−15	−24	−26	−19	−19	−18	−23	−25	−23	−14	− 6	−12	−24	−20	−19
7	−10	− 8	−15	−19	−11	−11	− 6	−16	−19	−17	−10	− 2	− 8	−18	−11	−12
8	+ 1	+ 5	− 1	−10	− 2	+ 4	+ 5	0	− 4	− 5	− 1	+ 8	+ 3	− 5	+ 2	0
9	+17	+21	+18	+15	+12	+15	+16	+21	+16	+15	+12	+13	+16	+16	+16	+16
10	+35	+40	+42	+38	+28	+30	+36	+41	+46	+35	+29	+24	+32	+40	+34	+35
11	+47	+53	+57	+52	+39	+41	+45	+56	+57	+49	+40	+34	+44	+54	+45	+48
12	+42	+47	+56	+51	+42	+46	+44	+58	+60	+52	+42	+30	+40	+55	+48	+48
13	+31	+35	+47	+47	+37	+45	+42	+48	+50	+41	+33	+22	+30	+46	+43	+40
14	+18	+22	+31	+32	+28	+36	+33	+33	+36	+31	+20	+16	+19	+32	+32	+28
15	+ 9	+ 8	+19	+21	+15	+24	+19	+16	+22	+16	+11	+ 8	+ 9	+20	+18	+16
16	+ 2	0	+ 7	+12	+ 4	+ 9	+ 4	+ 2	+12	+ 8	+ 6	+ 4	+ 3	+10	+ 5	+ 6
17	− 2	− 5	0	+ 4	− 3	− 3	− 3	− 6	+ 3	+ 1	0	+ 2	− 1	+ 2	− 4	− 1
18	− 8	− 9	− 2	− 1	− 4	− 7	− 5	− 8	− 4	− 2	− 1	− 4	− 6	− 2	− 6	− 5
19	− 8	−11	− 9	− 5	− 9	− 8	− 8	− 8	−10	− 7	− 5	− 8	− 8	− 8	− 8	− 8
20	−11	−12	−12	− 8	−10	−10	−12	−11	−14	− 9	− 9	−10	−10	−11	−11	−11
21	−10	−16	−17	−11	−11	−13	−14	−12	−17	−14	−13	−14	−13	−15	−12	−14
22	− 9	−21	−21	−14	−10	−15	−13	−13	−20	−20	−15	−15	−15	−19	−13	−16
23	−12	−21	−22	−16	−11	−16	−16	−14	−23	−22	−17	−18	−17	−21	−14	−17
24	−13	−21	−23	−18	−12	−17	−16	−16	−25	−23	−17	−18	−17	−22	−15	−18

Diurnal Variation of Z.

1917.

[Five International quiet days. Time 8h E of Greenwich; 24h or 0h = midnight.]

Hour.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Group Means.			Year.
	I	I	II	II	III	III	III	III	II	II	I	I	I	II	III	
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	+10	+10	+ 7	+12	+10	+11	+ 7	+ 6	+10	+ 9	+ 6	+ 8	+ 8	+10	+ 8	+ 9
2	+10	+10	+ 8	+11	+10	+10	+ 8	+ 7	+12	+ 9	+ 6	+ 7	+ 8	+10	+ 9	+ 9
3	+11	+ 9	+ 7	+ 9	+10	+ 9	+ 9	+ 8	+12	+10	+ 6	+ 4	+ 8	+10	+ 9	+ 9
4	+12	+ 8	+ 6	+ 7	+ 8	+ 9	+10	+ 9	+13	+ 9	+ 6	+ 4	+ 8	+ 8	+ 9	+ 8
5	+11	+ 7	+ 5	+ 6	+ 7	+ 8	+11	+10	+14	+10	+ 6	+ 3	+ 7	+ 9	+ 9	+ 8
6	+11	+ 6	+ 5	+ 5	+ 6	+ 8	+12	+13	+15	+12	+ 4	+ 2	+ 6	+ 9	+10	+ 8
7	+12	+ 4	+ 4	+ 2	+ 2	+ 5	+ 6	+12	+11	+11	+ 3	0	+ 5	+ 7	+ 6	+ 6
8	+10	+ 3	+ 4	− 3	− 2	+ 1	+ 3	+ 8	+ 2	+ 6	+ 2	− 1	+ 4	+ 2	+ 2	+ 3
9	+ 3	− 3	− 1	−11	− 9	− 6	− 1	+ 2	− 7	− 5	0	− 3	− 1	− 6	− 3	− 3
10	−17	−11	− 8	−19	−17	−12	− 9	− 6	−16	−15	− 5	− 7	−10	−14	−11	−12
11	−35	−22	−14	−25	−21	−17	−17	−11	−24	−22	−11	−12	−20	−21	−16	−19
12	−37	−27	−17	−27	−22	−22	−17	−16	−26	−23	−13	−16	−23	−23	−19	−22
13	−23	−22	−15	−20	−17	−17	−13	−18	−21	−14	−11	−17	−18	−18	−16	−17
14	− 9	−15	−11	−12	−11	−14	−10	−15	−12	−10	−10	−14	−12	−11	−12	−12
15	− 3	− 3	− 7	− 2	− 4	− 9	− 5	− 9	− 4	− 4	− 7	− 8	− 5	− 4	− 7	− 5
16	+ 4	+ 2	− 2	+ 4	+ 2	− 4	0	− 4	− 1	− 1	− 5	− 2	0	0	− 2	− 1
17	+ 3	+ 4	− 2	+ 6	+ 2	+ 2	+ 2	− 2	− 1	− 1	− 3	0	+ 1	0	+ 1	+ 1
18	+ 2	+ 3	− 2	+ 5	+ 3	+ 5	+ 1	− 3	− 1	0	0	+ 2	+ 2	0	+ 2	+ 1
19	+ 4	+ 4	0	+ 6	+ 4	+ 4	+ 1	− 2	+ 1	+ 1	+ 2	+ 5	+ 3	+ 2	+ 2	+ 2
20	+ 4	+ 6	+ 2	+ 7	+ 5	+ 5	+ 1	− 1	+ 3	+ 2	+ 3	+ 5	+ 4	+ 4	+ 2	+ 4
21	+ 4	+ 6	+ 4	+ 8	+ 5	+ 6	+ 1	+ 1	+ 4	+ 2	+ 4	+ 7	+ 5	+ 4	+ 3	+ 4
22	+ 5	+ 7	+ 5	+ 9	+ 5	+ 6	+ 2	+ 2	+ 6	+ 4	+ 6	+ 9	+ 7	+ 6	+ 4	+ 6
23	+ 6	+ 8	+ 7	+11	+ 6	+ 7	+ 4	+ 4	+ 8	+ 6	+ 6	+ 8	+ 7	+ 8	+ 5	+ 7
24	+ 7	+ 9	+ 9	+11	+ 7	+ 7	+ 5	+ 5	+10	+ 8	+ 7	+ 8	+ 8	+10	+ 6	+ 8

Diurnal Variation of I.

1917.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	+1.34	+1.34	+1.26	+1.71	+1.40	+1.54	+1.13	+1.20	+1.57	+1.28	+0.98	+1.05	+1.18	+1.46	+1.32	+1.32
2	+1.29	+1.32	+1.37	+1.68	+1.40	+1.46	+1.23	+1.26	+1.69	+1.30	+0.95	+0.95	+1.13	+1.51	+1.34	+1.32
3	+1.37	+1.21	+1.24	+1.37	+1.38	+1.38	+1.31	+1.37	+1.74	+1.38	+0.93	+0.65	+1.04	+1.43	+1.36	+1.28
4	+1.45	+1.13	+1.18	+1.27	+1.20	+1.38	+1.39	+1.45	+1.70	+1.28	+0.91	+0.63	+1.03	+1.36	+1.36	+1.25
5	+1.32	+0.99	+1.05	+1.19	+1.10	+1.27	+1.46	+1.46	+1.81	+1.38	+0.88	+0.50	+0.92	+1.36	+1.32	+1.20
6	+1.25	+0.86	+1.00	+1.06	+1.01	+1.12	+1.40	+1.63	+1.84	+1.52	+0.66	+0.34	+0.78	+1.36	+1.29	+1.14
7	+1.24	+0.53	+0.70	+0.64	+0.48	+0.68	+0.62	+1.39	+1.37	+1.30	+0.49	+0.08	+0.58	+1.00	+0.79	+0.79
8	+0.81	+0.13	+0.36	+0.01	−0.08	−0.02	+0.10	+0.68	+0.26	+0.60	+0.19	−0.25	+0.22	+0.31	+0.17	+0.23
9	−0.16	−0.75	−0.51	−1.26	−1.01	−0.86	−0.49	−0.33	−0.97	−0.80	−0.29	−0.50	−0.42	−0.88	−0.67	−0.66
10	−2.25	−1.88	−1.67	−2.48	−2.05	−1.72	−1.64	−1.48	−2.44	−2.11	−1.12	−1.12	−1.59	−2.18	−1.72	−1.83
11	−4.04	−3.10	−2.51	−3.31	−2.65	−2.39	−2.53	−2.26	−3.37	−3.03	−1.88	−1.77	−2.70	−3.06	−2.46	−2.74
12	−4.09	−3.38	−2.76	−3.46	−2.81	−2.92	−2.51	−2.73	−3.61	−3.18	−2.09	−2.00	−2.89	−3.25	−2.74	−2.96
13	−2.66	−2.67	−2.38	−2.79	−2.27	−2.49	−2.13	−2.65	−2.96	−2.18	−1.71	−1.90	−2.24	−2.58	−2.38	−2.40
14	−1.19	−1.78	−1.66	−1.76	−1.55	−2.03	−1.65	−2.04	−1.87	−1.61	−1.32	−1.51	−1.45	−1.72	−1.82	−1.66
15	−0.47	−0.44	−1.03	−0.67	−0.66	−1.32	−0.91	−1.14	−0.87	−0.75	−0.85	−0.83	−0.65	−0.83	−1.01	−0.83
16	+0.28	+0.17	−0.33	+0.05	+0.10	−0.55	−0.12	−0.39	−0.38	−0.30	−0.56	−0.24	−0.09	−0.24	−0.24	−0.19
17	+0.30	+0.45	−0.16	+0.40	+0.28	+0.24	+0.22	−0.03	−0.16	−0.14	−0.25	−0.02	+0.12	0.00	+0.18	+0.09
18	+0.36	+0.47	−0.11	+0.44	+0.37	+0.57	+0.18	−0.06	+0.01	−0.02	+0.02	+0.29	+0.28	+0.09	+0.26	+0.21
19	+0.52	+0.60	+0.22	+0.62	+0.58	+0.51	+0.25	+0.03	+0.32	+0.22	+0.29	+0.64	+0.51	+0.34	+0.34	+0.40
20	+0.60	+0.79	+0.46	+0.78	+0.68	+0.65	+0.35	+0.19	+0.58	+0.36	+0.46	+0.69	+0.64	+0.54	+0.47	+0.55
21	+0.57	+0.89	+0.75	+0.92	+0.70	+0.80	+0.40	+0.38	+0.74	+0.48	+0.64	+0.96	+0.76	+0.72	+0.57	+0.69
22	+0.63	+1.09	+0.93	+1.08	+0.68	+0.85	+0.46	+0.48	+0.97	+0.79	+0.86	+1.14	+0.93	+0.94	+0.62	+0.83
23	+0.79	+1.17	+1.12	+1.29	+0.79	+0.95	+0.71	+0.67	+1.21	+1.01	+0.91	+1.12	+1.00	+1.16	+0.78	+0.98
24	+0.89	+1.25	+1.31	+1.34	+0.89	+0.97	+0.79	+0.81	+1.43	+1.20	+0.99	+1.12	+1.06	+1.32	+0.86	+1.08

Diurnal Variation of F.

1917.

[Five International quiet days. Time 8h E of Greenwich; 24h or 0h = midnight.]

Hour.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Group Means.			Year.
	I	I	II	II	III	III	III	III	II	II	I	I	I	II	III	
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	−18	−18	−25	−25	−17	−22	−21	−27	−27	−19	−18	−13	−17	−24	−22	−21
2	−16	−17	−25	−27	−17	−22	−22	−26	−24	−20	−17	−12	−16	−24	−22	−20
3	−16	−16	−24	−22	−16	−22	−22	−26	−26	−20	−16	−11	−15	−23	−22	−20
4	−15	−16	−25	−25	−16	−22	−21	−26	−21	−20	−15	−10	−14	−23	−21	−19
5	−14	−15	−23	−25	−15	−22	−20	−23	−22	−20	−14	− 8	−13	−22	−20	−18
6	−11	−13	−21	−24	−15	−17	−15	−18	−20	−18	−13	− 6	−11	−21	−16	−16
7	− 7	− 7	−13	−17	−10	−10	− 4	−13	−15	−13	− 9	− 2	− 6	−14	− 9	−10
8	+ 3	+ 5	+ 1	− 9	− 2	+ 3	+ 5	+ 1	− 3	− 3	− 1	+ 8	+ 4	− 4	+ 2	+ 1
9	+17	+19	+17	+11	+ 9	+12	+15	+20	+14	+13	+11	+11	+14	+14	+14	+14
10	+28	+35	+38	+31	+22	+25	+32	+39	+40	+30	+26	+22	+28	+35	+30	+31
11	+35	+44	+51	+43	+31	+34	+38	+53	+48	+42	+35	+30	+36	+46	+39	+40
12	+30	+37	+49	+42	+34	+37	+37	+54	+51	+44	+37	+25	+32	+46	+40	+40
13	+23	+27	+41	+39	+31	+37	+36	+43	+43	+36	+28	+17	+24	+40	+37	+33
14	+14	+17	+27	+26	+24	+30	+29	+29	+31	+28	+16	+12	+15	+28	+28	+24
15	+ 7	+ 7	+17	+19	+14	+20	+17	+14	+20	+14	+ 8	+ 6	+ 7	+18	+16	+14
16	+ 3	0	+ 7	+12	+ 5	+ 8	+ 4	+ 1	+11	+ 6	+ 4	+ 4	+ 3	+ 9	+ 4	+ 5
17	− 2	− 4	0	+ 4	− 2	− 2	− 2	− 6	+ 3	− 1	− 1	+ 2	− 1	+ 2	− 3	− 1
18	− 8	− 8	− 2	− 1	− 3	− 6	− 4	− 8	− 4	− 2	− 1	− 4	− 5	− 2	− 5	− 4
19	− 7	−10	− 8	− 5	− 7	− 7	− 7	− 8	− 9	− 6	− 5	− 7	− 7	− 7	− 7	− 7
20	−10	−10	−11	− 7	− 8	− 9	−11	−11	−12	− 8	− 8	− 9	− 9	−10	−10	−10
21	− 9	−14	−15	− 9	− 9	−11	−13	−11	−15	−13	−12	−12	−12	−13	−11	−12
22	− 8	−19	−18	−11	− 8	−13	−12	−12	−17	−18	−13	−13	−13	−16	−11	−14
23	−10	−18	−19	−12	− 9	−14	−15	−13	−20	−19	−15	−16	−15	−18	−13	−15
24	−11	−18	−19	−14	−10	−15	−14	−15	−21	−20	−15	−16	−15	−18	−14	−16

Summary of Monthly Means, 1917.

Month.	D.	Y.	H.	X.	Z.	I.	F.
	° ′	γ	γ	γ	γ	° ′	γ
January	0 36.94	409	38111	38109	11010	16 6.82	39670
February	0 36.10	400	38080	38078	11006	16 7.23	39639
March	0 36.42	404	38088	38086	11035	16 9.45	39654
April	0 36.14	400	38080	38078	11042	16 10.22	39649
May	0 36.04	399	38072	38070	11025	16 8.97	39635
June	0 35.45	393	39076	38074	11009	16 7.58	39636
July	0 35.10	389	38069	38067	11003	16 7.27	39627
August	0 36.02	399	38112	38110	11022	16 7.79	39674
September	0 35.41	392	38089	38087	11006	16 7.02	39647
October	0 35.29	391	38088	38086	10999	16 6.48	39644
November	0 35.46	393	38108	38106	11018	16 7.56	39669
December	0 35.92	398	38086	38084	10990	16 5.72	39640
Year	0 35.86	397	38088	38086	11014	16 7.68	39649

HOURLY VALUES OF DECLINATION.

JANUARY, 1917. 0° East plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	′	′	′		′	′	′	′	′	′	′	′	′	′	′
1	37.14	36.85	36.85	37.14	37.00	36.85	37.71	38.28	38.43	37.57	36.42	36.42	36.57	37.28	38.14
2[a]	37.16	37.16	37.16	36.87	37.02	37.16	37.30	38.30	38.87	38.59	37.30	37.16	37.44	37.73	38.02
3	37.02	37.02	36.73	36.44	36.73	37.16	37.59	38.02	38.59						
4[b]	36.99	36.99	36.99	36.99	36.99	37.13	37.27	37.70	38.98	38.84	37.13	35.57	35.71	36.56	37.27
5[b]	37.24	36.53	36.68	35.40	35.11	34.40	32.98	34.69	35.26	37.10	38.38	37.67	37.53	37.24	37.24
6	38.06	38.06	37.49	37.49	36.92	36.35	35.64	35.93	36.49	36.78	36.92	37.06	36.92	37.06	37.77
7	37.16	36.60	36.88	36.88	36.60	36.03	35.60	35.46	36.74	37.45	36.88	37.02	37.59	37.87	38.16
8	37.41	37.41	37.12	37.27	37.27	36.84	36.41	35.70	36.41	36.70	36.84	36.98	37.27	38.12	38.26
9	37.23	37.37	37.51	37.79	37.65	37.08	37.23	36.09	36.37	36.37	35.95	35.38	35.24	35.66	36.52
10	37.04	37.19	37.33	37.19	37.61	37.04	37.47	37.75	38.32	37.61	35.91	36.62	37.04	37.75	37.61
11	37.15	37.43	37.71	37.57	37.57	37.29	36.72	36.58	36.86	36.58	36.44	36.58	36.72	37.15	37.57
12[b]	36.82	37.11	37.25	37.25	37.39	37.25	37.53	37.82	37.96	37.11	36.25	36.68	36.96	37.25	37.53
13	36.92	36.64	37.92	37.49	37.63	36.78	35.79	36.07	36.36	34.94	34.08	35.22	36.78	37.21	37.78
14															
15													36.56	37.13	37.70
16	36.70	36.70	36.56	36.56	36.56	36.56	36.84	37.55	37.84	36.84					
17															
18															
19															
20	36.57	36.71	36.57	36.71	36.57	36.57	36.00	36.57	36.71	36.43	34.71	35.14	35.86	36.14	36.57
21	36.72	37.01	37.01	37.30	37.58	37.01	37.58	37.87	37.72	37.44	36.44	35.72	36.01	36.29	37.01
22[b]	36.45	36.30	36.16	36.02	35.73	35.88	35.45	36.88	38.02	37.88	36.45	36.02	37.31	37.45	37.59
23[b]	36.31	36.17	36.17	36.31	36.03	35.74	35.46	36.17	36.89	36.74	35.60	35.17	36.31	37.60	38.03
24	36.18	36.18	36.04	36.04	36.18	36.04	35.32	35.18	36.75	37.61	37.04	36.61	37.61	38.04	37.90
25	36.48	36.33	36.19	36.48	36.62	36.19	35.62	36.48	37.62	38.05	36.19	35.05	35.33	36.62	37.76
26	36.77	36.63	36.34	36.63	36.63	36.49	35.63	35.77	36.34	35.92	34.77	33.91	34.77	36.34	37.49
27[a]	36.64	36.64	36.64	36.78	36.78	36.64	36.50	36.78	36.93	36.21	35.21	35.50	36.21	37.36	37.93
28[a]	36.36	36.51	36.65	36.79	36.94	37.08	36.79	37.37	37.65	37.08	36.22	34.65	35.22	36.22	36.79
29[a]	36.66	36.66	36.80	36.80	36.66	36.66	37.09	37.66	38.09	37.95	36.66	35.23	35.37	36.09	36.66
30[a]	36.67	36.53	36.67	36.67	36.38	36.10	36.24	37.53	38.82	39.53	37.67	35.10	34.81	35.24	35.67
31	36.68	36.68	36.54	36.25	36.11	35.82	35.82	35.82							
Mean	36.87	36.82	36.84	36.81	36.78	36.54	36.37	36.77	37.40	37.22	36.32	35.93	36.38	36.98	37.46
Mean[a]	36.70	36.70	36.78	36.78	36.76	36.73	36.78	37.53	38.07	37.87	36.61	35.53	35.81	36.53	37.01
Mean[b]	36.76	36.62	36.65	36.39	36.25	36.08	35.74	36.65	37.42	37.53	36.76	36.30	36.76	37.22	37.53

[a] Five international quiet days; January 2, 27 and 30 used instead of January 3, 15 and 18. [b] Five international disturbed days.

FEBRUARY, 1917. 0° East plus tabular quantities.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1															
2								38.27	39.56	39.70	38.13	36.98	36.41	36.56	36.27
3[a]	36.26	36.12	36.26	36.12	35.97	35.54	35.26	36.12	37.12	37.26	36.40	36.26	35.54	35.97	35.97
4	35.97	36.12	35.97	35.83	35.83	35.69	35.54	35.97	36.97	37.98	37.55	36.69	36.12	35.83	36.12
5[b]	35.97	36.12	35.97	35.83	35.69	35.40	35.26	35.83	36.55	37.83	36.83	36.40	36.12	35.40	35.26
6	36.40	36.40	36.55	36.40	35.97	35.83	35.69	35.83	36.40	37.26	37.12	36.97	35.97	35.54	35.83
7[b]	36.39	36.39	36.25	36.25	36.11	35.68	35.39	35.82	36.39	37.11	37.54	36.96	36.54	36.68	36.25
8[b]	36.39	36.39	35.82	35.96	36.11	35.82	34.39	34.25	34.96	35.39	36.25	36.68	36.39	35.96	35.82
9[a]	36.25	36.11	36.11	36.25	35.96	35.53	35.11	35.25	35.82	35.96	35.68	35.53	35.25	35.39	35.82
10	36.39	36.39	36.39	36.39	36.11	35.53	35.39	35.68	35.96	36.54	36.68	36.82	35.96	36.11	36.25
11	36.38	36.53	36.67	36.53	36.38	35.95	35.24	35.10	35.67	35.95	35.67	34.95	34.52	35.24	35.95
12[a]	36.38	36.67	36.67	36.53	36.10	35.67	34.95	35.24	35.95	36.81	36.95	36.67	35.95	36.10	36.24
13[a]	36.24	36.24	36.24	36.24	36.10	35.67	34.95	35.38	36.24	37.67	37.53	36.81	36.67	36.95	37.24
14	36.10	36.24	36.38	36.38	36.24	35.81	35.38	35.95	36.67	37.24	37.10	36.81	36.67	36.67	36.81
15	36.23	36.37	36.52	36.66	36.52	36.23	35.80	35.51	35.80						
16[b]	36.52	36.37	36.66	36.37	36.09	35.23	34.66	35.80	36.37	37.09	36.52	36.80	37.37	37.23	37.09
17						36.25	36.39	36.68	36.82	37.11					
18	36.98	36.84	36.70	36.27	35.84	35.84	35.70	36.27							
19		36.29	36.29	36.15	36.15										
20															
21								34.47	34.76	35.19	35.61	36.76	37.33	37.90	37.76
22	36.35	35.92	36.06	36.21	36.35	36.49	36.78	36.78	37.21	36.92	36.78	36.64	37.21	37.35	37.64
23[b]	36.23	35.80	35.94	36.08	35.94	36.51	36.66	36.94	37.66	36.66	36.37	35.65	35.37	36.08	36.80
24	35.96	35.96	36.10	36.25	36.25	35.82	35.53	35.96	36.39	35.96	35.67	35.39	35.10	35.67	36.53
25	36.12	36.27	36.27	36.27	36.12	35.98	36.27	36.55	36.84	36.70					
26	36.00	35.86	35.57	35.86	36.00	35.57	35.29	35.14	35.43	35.57	35.71	35.86	35.71	36.00	36.57
27[a]	36.02	36.02	36.02	36.16	36.02	35.73	35.59	36.02	35.88	35.02	34.45	34.30	34.45	35.02	35.59
28	36.18	36.18	36.04	36.04	35.90	35.75	35.18	34.90	34.18	33.18	33.04	32.89	33.47	34.90	35.47
Mean	36.26	36.24	36.24	36.22	36.08	35.81	35.50	35.83	36.32	36.61	36.36	36.13	35.91	36.12	36.35
Mean[a]	36.23	36.23	36.26	36.26	36.03	35.63	35.17	35.60	36.20	36.54	36.20	35.91	35.57	35.89	36.17
Mean[b]	36.30	36.21	36.13	36.10	35.99	35.73	35.27	35.73	36.39	36.82	36.70	36.50	36.36	36.27	36.24

[a] Five international quiet days; February 3 used instead of February 1.
[b] Five international disturbed days; February 5, 7, 8 and 23 used instead of February 15, 18, 19 and 20.

HOURLY VALUES OF DECLINATION.

JANUARY, 1917. 0°. East plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
38.57	38.28	37.42	37.85	38.14	37.71	37.28	37.14	37.14	37.42	16 00	38.57	12 20	36.13	2.44	1
38.59	37.87	37.59	37.73	37.59	37.44	37.30	37.30	37.30	37.58	9 35	39.16	4 00	36.87	2.29	2
------	38.02	37.74	37.74	37.60	37.74	37.88	37.31	37.17	------	------	------	------	------	------	3
38.41	38.98	39.12	39.26	38.55	38.55	37.98	38.55	37.42	37.66	19 26	39.83	12 00	35.57	4.26	4
37.10	37.39	36.82	37.53	38.10	37.24	37.24	38.24	38.24	36.72	10 36	38.66	7 00	32.98	5.68	5
37.63	37.49	37.63	38.20	37.91	37.77	37.63	37.49	37.35	37.25	19 00	38.20	7 00	35.64	2.56	6
37.73	37.31	37.16	37.31	37.16	36.88	36.88	37.02	36.88	36.97	15 00	38.16	7 22	35.18	2.98	7
38.12	37.12	36.98	36.84	36.98	36.98	37.12	37.12	37.12	37.10	15 42	38.40	8 00	35.70	2.70	8
37.23	37.65	37.08	36.94	37.23	37.08	37.08	37.23	37.08	36.84	4 28	37.93	13 00	35.24	2.69	9
37.75	37.04	36.48	36.76	36.90	37.04	36.76	36.90	36.76	37.16	8 57	38.46	11 14	35.77	2.69	10
38.14	37.86	37.00	36.72	37.29	36.86	36.86	36.86	36.86	37.10	16 00	38.14	11 00	36.44	1.70	11
37.67	37.25	37.39	36.82	36.96	36.96	36.82	36.68	36.96	37.15	9 00	37.96	11 00	36.25	1.71	12
38.06	------	------	------	------	------	------	------	------	------	------	------	------	------	------	13
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	14
37.98	37.27	36.70	36.84	36.84	36.70	36.84	36.84	36.70	------	------	------	------	------	------	15
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	16
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	17
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	18
37.91	37.86	36.86	36.71	36.86	36.71	36.57	36.28	36.43	------	------	------	------	------	------	19
36.71	36.86	36.86	37.14	36.86	36.71	36.57	36.57	36.57	36.44	19 00	37.14	11 00	34.71	2.43	20
37.58	37.72	37.44	37.58	37.44	37.15	36.87	36.58	36.44	37.06	8 00	37.87	12 10	35.58	2.29	21
37.73	37.02	36.73	37.31	37.16	36.88	36.73	36.59	36.45	36.76	9 20	38.09	7 00	35.45	2.64	22
38.17	37.60	37.03	37.32	37.74	37.89	36.89	36.31	36.17	36.66	15 48	38.31	12 00	35.17	3.14	23
37.75	36.90	36.61	37.18	37.18	36.90	37.18	36.75	36.61	36.74	14 00	38.04	7 30	34.75	3.29	24
38.62	38.48	37.19	37.05	37.19	36.91	36.62	36.62	36.62	36.76	16 45	38.69	12 40	34.33	4.36	25
38.06	37.77	37.06	37.77	37.63	37.49	37.06	36.49	36.63	36.52	16 00	38.06	12 00	33.91	4.15	26
38.07	37.64	37.36	37.50	37.36	37.07	36.78	36.64	36.50	36.82	16 00	38.07	11 00	35.21	2.86	27
37.08	37.37	36.94	37.37	37.22	37.08	36.94	36.94	36.79	36.75	9 00	37.65	12 00	34.65	3.00	28
36.95	37.09	37.09	37.66	37.09	36.95	36.80	36.66	36.66	36.83	9 33	38.16	12 00	35.23	2.93	29
36.53	36.81	36.53	36.96	37.10	37.10	36.81	36.67	36.67	36.70	10 00	39.53	12 40	34.74	4.79	30
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	31
37.77	37.55	37.15	37.36	37.36	37.19	37.02	36.95	36.86	36.95	---------	38.32	---------	35.25	3.07	------
37.44	37.36	37.10	37.44	37.27	37.13	36.93	36.84	36.78	36.94	---------	38.51	---------	35.34	3.17	------
37.82	37.65	37.42	37.65	37.70	37.50	37.13	37.27	37.05	36.99	---------	38.57	---------	35.08	3.49	------

FEBRUARY, 1917. 0° East plus tabular quantities.

′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
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36.27	36.13	35.84	36.27	36.56	36.41	36.27	36.27	36.27	------	------	------	------	------	------	2
36.12	36.55	36.12	36.40	36.55	36.40	36.26	36.12	36.12	36.20	9 40	37.40	7 00	35.26	2.14	3
35.83	36.40	36.12	36.26	36.55	36.26	36.12	35.97	35.97	36.24	10 24	38.12	6 45	35.40	2.72	4
35.69	35.83	35.83	35.97	36.26	36.26	36.40	36.23	36.23	36.05	10 28	37.90	6 50	35.19	2.71	5
35.83	36.12	35.97	36.12	35.83	36.12	36.26	36.26	36.40	36.21	10 25	37.33	14 00	35.54	1.79	6
35.96	35.82	35.96	35.96	36.11	36.25	36.11	36.39	36.39	36.28	10 33	37.68	6 36	35.25	2.43	7
35.82	36.25	35.96	35.96	36.25	36.25	36.25	36.25	36.25	35.91	12 00	36.68	8 00	34.25	2.43	8
35.96	36.11	36.11	35.96	36.25	36.39	36.25	36.25	36.25	35.90	21 00	36.39	7 00	35.11	1.28	9
36.39	36.54	36.11	36.11	36.11	36.11	36.25	36.25	36.39	36.20	12 00	36.82	7 00	35.39	1.43	10
35.95	36.24	36.10	36.24	36.38	36.24	36.10	36.24	36.24	35.94	3 00	36.67	13 00	34.52	2.15	11
36.53	36.24	36.10	35.95	36.10	36.24	36.24	36.24	36.24	36.20	11 00	36.95	7 00	34.95	2.00	12
37.10	36.95	36.38	36.10	36.10	36.24	35.95	35.95	36.10	36.38	10 30	37.81	7 00	34.95	2.86	13
36.53	36.67	36.38	36.24	36.10	36.10	36.10	36.10	36.24	36.37	10 18	37.31	6 40	35.31	2.00	14
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	15
37.09	36.94	36.66	36.80	36.94	36.66	36.37	36.09	36.23	36.50	13 00	37.37	6 45	34.59	2.78	16
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	17
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	18
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	19
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	20
37.33	36.90	36.90	37.19	36.76	36.62	36.19	36.04	36.04	------	------	------	------	------	------	21
37.06	36.64	36.49	36.49	36.35	36.49	36.49	36.49	36.35	36.65	15 00	37.64	2 00	35.92	1.72	22
37.37	37.23	36.80	36.37	36.23	35.94	35.65	35.80	35.94	36.33	9 00	37.66	13 00	35.37	2.29	23
36.96	36.82	36.82	36.68	36.53	36.25	35.96	35.96	36.10	36.11	16 00	36.96	13 00	35.10	1.86	24
36.55	36.12	35.69	35.84	35.98	35.98	36.12	36.12	35.98	------	------	------	------	------	------	25
36.72	36.57	36.57	36.43	36.43	36.29	36.00	36.00	36.00	35.96	16 00	36.72	8 00	35.14	1.58	26
36.45	36.59	36.74	36.45	36.02	36.16	36.31	36.31	36.16	35.81	18 00	36.74	12 00	34.30	2.44	27
36.04	36.90	37.18	36.61	36.47	36.61	36.47	36.33	36.47	35.52	18 00	37.18	12 00	32.89	4.29	28
36.43	36.48	36.31	36.29	36.31	36.28	36.19	36.17	36.20	36.15	36.19	37.23	---------	34.97	2.26	------
36.43	36.49	36.29	36.17	36.20	36.29	36.20	36.17	36.17	36.10	---------	37.06	---------	34.92	2.14	------
36.39	36.41	36.24	36.21	36.36	36.27	36.16	36.15	36.21	36.21	---------	37.46	---------	34.93	2.53	------

HOURLY VALUES OF DECLINATION.

MARCH, 1917. 0° East plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	36.08	36.08	35.94	35.94	36.08	35.79	36.08	36.37	36.06	35.94	36.51	35.79	34.79	34.65	35.79
2 [a]	36.38	36.52	36.52	36.38	36.38	35.80	35.09	35.52	35.23	35.23	35.52	36.09	36.23	36.09	36.09
3 [a]	36.39	36.39	36.39	36.53	36.39	36.10	35.81	35.67	36.10	36.67	36.96	36.96	36 82	36.67	36.82
4 [b]	36.54	36.68	36.68	36.54	36.40	35.97	35.54	35.97	36.11	35.97	35.25	35.11	36.11	37.54	38.11
5 [b]	36.54	36.97	37.54	37.83	38.26	37.11	37.25	36.97	36.54	35.54	34.97	35.82	36.25	37.25	38.40
6	36.55	36.12	36.69	36.84	36.41	36.41	36.12	35.55	34.83	34.69	34.83	34.98	35.26	35.83	36.69
7	36.70	36.56	36.56	36.56	36.56	36.13	35.70	35.56	35.27	34.99	35.56	35.13	34.70	34.99	35.70
8 [b]	36.57	36.71	36.86	36.86	36.43	36.28	36.28	36.71	36.71	37.00	37.00	36.71	66.28	36.57	36.86
9	36.57	36.71	36.71	36.71	36.57	36.86	37.00	36.86	36.71	35.71	35.14	34.71	34.57	35.57	36.00
10	36.58	36.58	36.72	36.72	36.72	37.01	37.15	37.58	37.58	36.72	35.58	35.01	34.15	34.72	35.29
11	36.45	36.73	36.59	36.59	36.73	36.73	37.02	38.16	38.87	38.73	38.16	37.30	36.73	36.88	37.02
12	36.46	36.60	36.60	36.60	36.46	36.46	36.89	37.03	36.89	36.74	36.03	35.74	35.46	35.74	36.03
13	36.74	36.89	37.03	37.03	36.89	36.60	36.89	37.17	37.60	37.03	36.60	35.31	34.31	34.74	35.60
14	36.18	36.32	36.47	36.61	37.04	37.47	37.75	37.90	37.61	36.47	35.32	34.04	33.32	33.89	34.89
15	36.48	36.62	36.48	36.48	36.33	36.76	37.48	38.48	39.05	38.48	37.62	36.33	35.33	35.76	36.19
16	36.62	36.62	36.48	36.19	36.19	36.19	36.33	36.62	36.91	36.76	36.19	35.48	34.90	35.33	35.62
17	36.52	36.66	36.80	36.52	36.38	36.38	36.95	37.38	37.23	37.23	36.95	36.52	35.52	35.66	36.09
18	36.36	36.64	36.79	36.64	36.21	36.50	37.36	37.79	37.50	36.21	35.64	35.36	34.93	35.36	36.07
19	36.48	36.62	36.62	36.62	36.62	36.91	37.48	37.91	38.05	37.77	36.48	35.62	35.19	35.34	35.76
20	36.60	36.75	36.60	36.60	36.46	36.89	37.46	37.75	37.32	36.89	36.75	35.89	35.32	35.32	35.60
21 [b]	36.86	36.72	36.43	36.57	35.86	36.43	37.43	37.72	37.57	37.00	35.43	34.14	33.57	33.28	35.29
22	36.41	35.98	36.70	36.55	36.41	36.84	37.84	37.98	38.13	37.70	36.41	35.41	35.12	35.41	35.98
23	36.53	36.68	36.10	36.10	35.96	36.68	37.39	37.96	38.25	37.00	35.96	35.53	34.96	35.10	36.10
24	36.23	36.37	36.37	36.23	35.51	35.94	37.80	38.23	39.37	38.80	38.09	36.66	35.51	35.51	36.51
25 [b]	36.34	36.34	36.48	36.34	36.05	36.20	36.91	37.05	37.20	36.91	35.62	34.62	33.91	33.91	34.77
26	36.46	36.32	36.75	36.46	36.32	36.75	37.32	37.61	37.32	36.89	36.75	35.89	35.03	35.18	35.46
27	36.44	36.44	36.59	36.30	36.16	36.30	36.59	36.59	37.16	37.01	36.59	35.73	35.16	35.44	35.87
28 [a]	36.14	36.28	36.42	36.42	36.14	36.57	36.71	36.71	36.85	37.14	36.71	35.99	35.28	35.56	36.28
29 [a]	36.25	36.39	36.54	36.39	36.25	36.39	36.82	37.25	37.68	38.39	37.82	36.68	35.39	35.25	35.82
30 [a]	36.52	36.66	36.66	36.66	36.52	36.80	37.23	37.52	38.09	38.37	38.52	36.80	35.80	35.37	35.66
31	36.21	36.21	37.35	37.35	37.50	37.07	37.35	37.78	37.93	37.50	36.64	35.78	34.49	34.21	34.78
Mean	36.46	36.52	36.63	36.59	36.46	36.53	36.87	37.14	37.22	36.89	36.37	35.71	35.17	35.42	36.04
Mean [a]	36.34	36.45	36.51	36.48	36.34	36.33	36.33	36.53	36.79	37.16	37.11	36.50	35.90	35.79	36.13
Mean [b]	36.57	36.68	36.80	36.83	36.60	36.40	36.68	36.88	36.83	36.48	35.65	35.28	35.22	35.71	36.69

[a] Five international quiet days. [b] Five international disturbed days.

APRIL, 1917. 0° East plus tabular quantities.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	36.19	36.33	36.47	36.33	36.33	36.75	36.90	37.33	37.47	37.18	36.18	34.61	33.75	33.60	34.03
2	36.59	36.59	36.59	36.30	36.02	35.73	36.30	36.73	35.59	36.59	36.02	35.16	34.58	34.58	34.72
3 [b]	36.57	36.85	37.00	36.85	36.71	36.71	36.85	37.00	36.71	36.00	35.71	34.57	33.98	33.70	34.41
4	36.83	37.12	36.98	37.12	37.12	37.41	37.41	37.26	37.26	37.12	36.26	35.26	34.25	34.25	35.11
5 [b]	36.38	36.67	36.81	36.81	36.67	37.10	37.39	37.67	37.39	37.10	36.96	36.53	36.23	36.66	37.09
6 [b]	36.08	36.36	36.65	36.79	36.94	37.37	38.51	38.65	37.79	36.94	36.65	36.22	35.93	36.50	36.35
7	36.49	36.63	36.77	37.06	36.63	36.63	37.06	37.63	37.35	37.06	35.92	34.77	34.05	34.33	35.48
8	36.18	36.32	36.61	36.61	36.47	36.61	36.75	37.33	37.18	37.04	35.90	34.18	33.03	32.74	33.88
9								37.88	37.59	38.16	37.31	35.59	34.44	34.01	34.72
10 [a]	36.57	36.43	36.43	35.71	35.28	35.57	36.14	36.57	37.29	37.00	36.86	35.71	34.13	34.13	34.42
11 [a]	36.55	36.69	36.55	36.41	36.26	36.84	38.12	38.55	38.41	38.12	37.27	35.84	34.40	33.82	34.11
12	36.24	36.39	36.39	36.24	35.96	35.96	36.96	37.96	38.68	39.25	38.39	37.10	35.39	34.24	34.39
13	35.94	35.94	35.80	35.80	35.65	35.51	36.22	36.65	36.94	37.08	36.37	35.22	34.51	34.37	34.94
14 [a]	36.35	36.35	36.35	36.20	36.06	36.20	36.78	37.06	37.78	37.49	36.35	35.06	34.34	34.05	34.91
15									38.04	38.33	37.33	35.47	34.46	34.32	35.03
16 [b]	35.74	35.59	35.88	35.88	36.02	36.45	37.17	37.45	36.88	36.74	36.31	35.59	35.16	35.31	35.45
17	36.74	36.74	36.88	36.88	36.74	38.02	37.59	36.31	34.88	35.02	34.73	34.02	33.88	34.16	34.59
18	36.60	36.89	37.03	37.03	36.89	37.46	37.89	37.18	36.60	36.32	35.46	34.17	33.74	33.89	34.17
19	35.90	36.33	36.33	36.18	35.47	36.47	36.76	37.19	37.33	37.04	36.47	35.47	34.47	34.47	35.04
20 [a]	36.05	36.05	35.91	35.91	35.77	36.62	37.48	37.48	37.34	36.91	35.48	34.62	34.34	34.48	35.19
21	36.20	36.35	36.49	36.35	36.06	36.92	38.06	38.35	37.92	37.21	35.78	35.06	34.06	33.77	34.20
22	35.79	36.36	36.50	36.36	36.36	37.07	38.07	37.93	38.22	37.64	36.64	35.21	33.93	34.07	34.93
23	36.22	36.37	36.08	36.51	36.51	36.80	36.94	37.08	37.08	36.37	35.08	34.22	34.08	34.22	35.51
24	36.38	36.52	36.66	36.66	36.52	37.09	37.38	36.95	36.66	36.52	35.38	33.66	33.23	33.09	34.23
25	36.10	36.39	36.67	36.39	36.67	37.25	37.39	36.96	36.53	36.24	34.53	34.10	33.96	34.24	34.67
26 [b]	36.54	36.68	36.54	36.68	35.97	36.97	37.83	38.11	38.26	37.26	36.11	35.54	34.40	35.11	35.54
27 [a]	36.69	36.55	36.55	36.69	36.41	36.98	37.84	37.55	37.27	36.98	36.12	35.26	34.26	34.41	35.12
28	36.27	36.42	36.42	36.42	36.56	36.99	37.99	38.28	37.85	36.85	34.56	34.13	33.70	33.70	34.13
29	36.71	36.86	36.86	36.86	37.00	37.57	38.43	38.43	37.57	36.00	35.00	34.43	34.28	34.28	35.14
30	36.58	36.72	36.72	36.58	36.44	37.58	38.44	38.15	37.30	36.01	34.58	34.15	34.44	35.29	36.01
Mean	36.34	36.48	36.53	36.49	36.34	36.81	37.38	37.51	37.34	36.99	36.06	35.03	34.31	34.33	34.92
Mean [a]	36.44	36.41	36.36	36.18	35.96	36.44	37.27	37.44	37.62	37.30	36.42	35.30	34.29	34.18	34.75
Mean [b]	36.26	36.43	36.58	36.60	36.46	36.92	37.55	37.78	37.41	36.81	36.35	35.69	35.14	35.46	35.77

[a] Five international quiet days. [b] Five international disturbed days; April 8 used instead of April 9.

HOURLY VALUES OF DECLINATION.

MARCH, 1917. 0° East plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
36.37	37.37	36.80	36.51	36.65	36.65	36.37	36.22	36.37	36.13	17 00	37.37	14 00	34.65	2.72	1
36.66	36.81	36.66	36.52	36.52	36.38	36.23	36.23	36.23	36.14	17 00	36.81	7 00	35.09	1.72	2
37.10	36.82	36.39	36.39	36.24	36.24	36.39	36.24	36.53	36.46	16 00	37.10	8 00	35.67	1.43	3
37.68	37.11	36.68	36.54	36.54	36.68	36.40	36.11	36.40	36.44	15 17	38.18	12 00	35.11	3.07	4
37.54	36.54	35.69	35.97	35.97	36.11	35.97	36.40	36.40	36.66	15 00	38.40	11 25	34.83	3.57	5
36.98	36.41	36.26	36.12	36.12	36.26	36.26	36.41	36.55	36.05	6 24	37.12	10 00	34.69	2.43	6
35.84	36.27	35.99	36.42	36.42	36.42	36.42	36.27	36.42	35.96	1 00	36.70	13 15	34.56	2.14	7
37.43	36.71	37.00	36.43	36.14	36.00	35.85	36.71	36.71	36.62	15 52	37.57	22 00	35.85	1.72	8
36.71	36.71	36.14	36.14	36.28	36.14	36.14	36.28	36.43	36.22	7 00	37.00	0 20	34.43	2.57	9
36.44	36.44	35.86	36.01	36.29	36.15	36.15	36.29	36.44	36.26	8 45	37.72	13 00	34.13	3.59	10
37.02	37.16	36.59	36.45	36.59	36.45	36.16	36.30	36.30	36.99	9 00	38.87	22 00	36.16	2.71	11
36.31	36.31	36.03	36.17	36.46	36.17	36.31	36.46	36.60	36.36	8 00	37.03	13 20	35.32	1.71	12
36.46	36.89	36.17	36.46	36.46	36.46	36.17	36.31	36.17	36.42	9 00	37.60	13 00	34.31	3.29	13
35.61	36.04	36.18	36.32	36.47	36.47	36.47	36.32	36.32	36.14	8 00	37.90	13 00	33.32	4.58	14
36.76	36.91	36.62	36.33	36.62	36.62	36.62	36.62	36.76	36.82	9 00	39.05	13 00	35.33	3.72	15
35.71	35.80	36.23	36.52	36.38	36.23	36.23	36.23	36.38	36.17	9 00	36.91	13 20	34.76	2.15	16
36.66	36.66	36.23	36.23	36.09	36.09	36.09	36.09	36.38	36.47	8 00	37.38	13 20	35.38	2.00	17
36.21	36.21	36.21	35.93	36.07	36.07	36.07	36.21	36.36	36.28	8 00	37.79	13 25	34.79	3.00	18
36.05	36.62	36.48	36.34	36.48	36.48	36.34	36.34	36.62	36.55	9 00	38.05	13 00	35.19	2.86	19
36.17	36.03	35.89	36.60	36.32	36.60	36.46	36.60	36.75	36.48	8 00	37.75	13 25	35.18	2.57	20
36.57	36.86	36.86	36.43	36.72	36.86	36.43	36.57	36.57	36.26	8 00	37.72	13 45	33.14	4.58	21
36.84	37.12	36.27	36.70	36.55	36.55	36.55	36.41	36.55	36.60	9 00	38.13	13 00	35.12	3.01	22
36.53	36.39	36.25	36.39	36.53	36.68	36.39	36.25	36.53	36.43	9 00	38.25	13 25	34.82	3.43	23
36.94	36.51	36.08	36.37	36.51	36.23	36.08	36.08	36.23	36.67	9 30	39.51	13 30	35.37	4.14	24
36.20	36.05	36.20	36.05	36.20	36.34	36.05	36.05	36.48	36.01	9 00	37.20	13 12	33.77	3.43	25
36.46	36.61	36.18	35.89	36.18	35.89	35.89	35.75	36.18	36.31	8 00	37.61	13 18	34.89	2.72	26
36.44	36.73	36.16	36.01	36.30	36.44	36.16	36.01	35.87	36.27	9 00	37.16	13 00	35.16	2.00	27
36.99	36.99	36.28	35.99	36.14	36.14	35.99	36.14	36.14	36.33	10 00	37.14	13 00	35.28	1.86	28
36.68	36.82	36.54	36.25	36.54	36.25	35.68	35.82	36.25	36.51	10 00	38.39	13 35	35.11	2.28	29
35.94	36.37	36.52	36.37	36.37	36.37	36.23	36.23	36.23	36.66	11 00	38.52	14 00	35.37	3.15	30
35.49	36.07	37.35	36.21	36.21	36.07	35.92	36.07	36.21	36.41	9 00	37.93	14 00	34.21	3.72	31
36.54	36.59	36.35	36.29	36.37	36.34	36.21	36.26	36.40	36.39	---	37.74	---	34.87	2.87	---
36.67	36.76	36.48	36.30	36.36	36.28	36.10	36.13	36.28	36.42	---	37.59	---	35.30	2.29	---
37.08	36.65	36.49	36.28	36.31	36.40	36.14	36.37	36.51	36.40	---	37.81	---	34.54	3.27	---

APRIL, 1917. 0° East plus tabular quantities.

										h. m.		h. m			
′	′	′	′	′	′	′	′	′	′		′		′	′	
34.75	35.60	35.88	36.03	36.17	36.17	36.17	36.31	36.45	35.96	9 42	37.54	13 33	33.53	4.01	1
35.15	35.72	35.86	36.01	36.01	36.01	35.86	35.86	36.29	35.91	8 00	36.73	14 54	34.51	2.22	2
35.41	35.99	36.41	36.56	36.13	35.99	36.41	36.56	36.70	36.07	7 15	37.14	12 58	33.63	3.51	2
35.97	36.68	36.54	36.25	35.97	35.97	35.82	35.68	35.97	36.32	6 24	37.55	13 40	34.11	3.44	4
37.38	37.52	36.52	36.66	36.66	36.09	35.95	35.95	35.95	35.76	8 00	37.67	13 18	35.81	1.86	5
36.21	35.93	35.78	35.64	35.64	35.78	35.78	35.93	36.35	36.53	7 30	38.72	13 28	35.57	3.15	6
36.19	36.62	36.33	36.62	36.19	35.91	35.76	35.91	35.91	36.22	8 00	37.63	13 00	34.05	3.58	7
35.03	35.60	---	---	---	---	---	---	---	---	---	---	---	---	---	8
35.58	36.01	37.01	36.87	35.87	35.72	35.58	35.87	36.01	---	---	---	---	---	---	9
35.27	36.13	36.27	36.13	35.99	35.85	35.85	36.13	36.42	35.93	9 00	37.29	13 30	34.06	3.23	10
34.97	35.54	35.68	35.83	35.97	35.97	36.11	36.11	36.25	36.27	8 00	38.55	14 20	33.75	4.80	11
35.10	35.53	35.96	36.10	36.39	36.10	35.82	35.67	35.82	36.33	10 00	39.25	14 20	34.17	5.08	12
35.80	36.37	36.51	36.22	35.94	35.80	35.65	35.80	36.08	35.88	9 36	37.15	13 33	34.30	2.85	13
35.62	36.62	36.77	36.48	36.19	36.05	35.91	35.91	36.05	36.12	9 24	37.85	14 00	34.05	3.80	14
35.60	36.46	36.89	35.75	35.60	35.60	35.46	35.60	35.75	---	---	---	---	---	---	15
36.02	36.45	36.31	36.45	36.02	35.74	35.88	35.59	36.59	36.11	7 42	37.62	12 20	35.02	2.50	16
35.16	35.45	35.59	35.59	35.59	35.45	35.74	35.88	36.31	35.75	6 36	38.09	13 00	33.88	4.21	17
35.17	35.60	35.89	35.75	36.03	36.32	36.17	35.89	35.75	36.00	6 48	38.03	13 21	33.67	4.36	18
35.76	36.47	36.76	36.61	36.61	36.33	36.04	35.90	35.90	36.14	9 00	37.33	13 20	34.40	2.93	19
36.34	36.91	36.77	36.48	36.34	36.19	36.05	35.91	35.91	36.11	8 48	37.55	13 00	34.34	3.21	20
35.36	36.63	36.63	36.49	36.35	36.20	35.92	35.78	35.63	36.17	8 00	38.35	13 36	33.70	4.65	21
36.36	36.79	36.93	36.36	36.21	36.07	35.79	35.93	35.93	36.31	9 24	38.36	13 45	33.72	4.64	22
36.51	36.94	36.65	36.51	36.37	36.22	36.22	36.22	36.37	36.13	9 10	37.22	12 27	33.94	3.28	23
35.52	36.09	36.38	36.23	35.95	35.81	35.66	35.81	35.81	35.84	7 00	37.38	13 42	32.95	4.43	24
35.53	36.53	36.67	36.53	36.53	36.39	36.24	35.96	35.96	36.02	6 33	37.46	12 45	33.89	3.57	25
36.40	36.54	35.97	35.68	35.83	35.68	36.40	36.54	36.68	36.39	9 00	38.26	13 06	34.33	3.93	26
35.98	36.69	36.84	36.41	36.12	35.84	35.84	35.98	36.12	36.27	7 00	37.84	13 00	34.26	3.58	27
35.56	36.56	36.56	36.42	36.13	35.85	35.85	36.13	36.42	36.07	8 00	38.28	13 48	33.63	4.65	28
36.57	37.00	37.14	36.00	35.86	35.86	36.00	36.14	36.43	36.35	7 45	38.50	13 06	34.21	4.29	29
36.58	36.72	36.44	35.72	35.58	35.58	35.72	36.01	36.44	36.24	7 00	38.44	12 00	34.15	4.29	30
35.77	36.32	36.41	36.22	36.08	35.95	35.92	35.96	36.15	36.16	---	37.84	---	34.13	3.71	---
35.64	36.38	36.47	36.27	36.12	35.98	35.95	36.01	36.15	36.14	---	37.81	---	34.09	3.72	---
36.28	36.49	36.20	36.20	36.06	35.86	36.08	36.11	36.45	36.37	---	37.86	---	34.87	2.99	---

HOURLY VALUES OF DECLINATION.

MAY, 1917. 0° East plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1 [b]	36.73	36.88	37.02	37.02	37.02	38.02	37.59	36.59	35.88	34.87	34.16	34.02	34.30	34.87	36.02
2 [b]	36.60	36.60	36.74	37.32	37.46	38.60	38.32	38.03	37.03	35.89	34.46	34.17	34.03	34.31	34.60
3 [b]	36.17	36.89	37.03	37.32	37.89	38.32	37.60	36.46	35.89	34.60	33.45	33.03	34.04	34.47	35.75
4	36.62	37.05	37.19	37.48	37.91	38.91	38.48	37.48	36.91	35.05	33.90	33.76	34.49	35.34	35.92
5	36.64	36.64	36.64	36.64	36.93	38.07	37.78	37.07	36.21	34.92	33.78	32.64	33.08	33.93	35.51
6 [a]	35.95	36.09	36.37	36.52	36.80	37.52	38.23	38.38	37.52	35.95	35.23	34.52	34.24	34.53	35.38
7	36.25	36.54	36.68	36.82	36.97	38.11	38.54	38.40	37.68	36.68	34.54	33.68	33.97	34.40	35.69
8 [a]	36.13	36.27	36.41	36.56	36.70	36.99	37.23	36.70	35.99	35.56	34.98	34.56	34.42	35.42	36.14
9	36.72	36.58	36.72	36.86	37.01	37.29	37.01	36.15	35.58	35.15	34.58	34.29	34.73	35.73	36.16
10	36.60	36.74	36.88	36.88	37.03	37.88	38.03	36.88	36.31	35.31	34.31	34.31	34.61	35.32	36.04
11	36.19	36.33	36.47	36.76	37.05	37.33	38.05	38.33	37.19	35.76	34.62	34.04	34.48	35.63	35.91
12	36.49	36.78	36.78	36.78	36.92	37.50	37.21	36.78	36.07	35.35	34.35	33.92	34.07	35.07	35.65
13 [a]	36.51	36.66	36.80	36.80	37.09	37.94	38.23	37.80	37.23	36.23	35.80	35.37	34.81	34.95	35.09
14	36.11	36.39	36.68	36.82	37.11	37.25	36.96	36.82	36.25	35.53	34.68	35.25	35.69	35.69	35.83
15	36.84	37.13	37.27	37.70	37.84	37.98	37.98	37.27	36.84	35.41	34.98	35.41	35.85	35.99	36.14
16	36.00	36.15	36.15	36.00	36.29	37.00	37.15	------	------	------	------	33.71	34.29	35.00	36.00
17	35.71	35.56	35.71	35.85	35.99	36.14	35.99	35.42	34.42	33.99	33.70	33.28	33.98	34.41	35.12
18	35.69	35.83	35.97	36.12	36.54	36.97	37.12	36.54	35.83	34.97	34.69	34.40	34.69	35.11	35.54
19 [a]	35.82	35.96	35.96	35.96	35.96	36.53	37.25	36.96	36.53	35.82	35.10	34.25	34.52	35.09	35.52
20 [a]	35.80	35.80	35.94	35.94	36.23	36.51	37.32	36.94	36.37	35.37	34.80	34.23	34.08	34.80	35.08
21	35.65	35.79	35.79	35.79	35.93	36.93	37.79	37.65	37.51	36.65	35.79	34.93	34.49	34.92	35.35
22	35.77	35.91	36.06	36.20	36.34	37.77	38.63	37.91	36.77	36.34	34.91	34.20	34.05	34.48	34.77
23	35.47	35.76	35.90	35.90	36.19	37.19	37.48	37.33	37.05	36.33	35.04	33.90	33.03	33.03	33.46
24	35.88	35.88	36.03	36.03	36.17	36.88	37.74	37.88	37.60	36.60	35.74	35.02	34.31	34.02	34.31
25	35.73	35.73	35.87	36.02	35.73	36.73	37.16	37.45	37.16	36.59	35.30	34.01	33.57	33.86	34.43
26	35.57	35.71	35.85	35.85	36.00	37.14	37.85	37.57	36.42	35.28	34.28	33.85	34.14	34.42	34.57
27	35.56	35.56	35.70	35.70	36.13	36.84	37.56	38.13	37.84	37.42	35.84	33.98	33.83	33.83	33.97
28 [b]	35.82	35.97	36.25	36.39	36.68	36.68	37.54	38.83	37.68	35.97	35.25	34.25	34.11	34.54	34.68
29 [b]	35.38	35.53	35.67	35.96	36.67	37.53	38.10	38.24	37.53	36.24	34.38	33.38	33.09	33.37	34.23
30	35.51	35.65	35.79	35.94	36.22	36.51	37.08	37.51	36.65	35.65	34.36	33.22	32.65	33.50	34.22
31	35.50	35.64	35.78	35.93	36.07	37.07	38.07	37.79	36.78	34.92	33.78	33.07	32.78	33.07	33.64
Mean	36.05	36.19	36.33	36.45	36.67	37.36	37.64	37.38	36.69	35.68	34.69	34.09	34.14	34.62	35.18
Mean [a]	36.04	36.16	36.30	36.36	36.56	37.10	37.63	37.36	36.73	35.79	35.18	34.59	34.41	34.96	35.44
Mean [b]	36.14	36.37	36.54	36.80	37.14	37.83	37.83	37.63	36.80	35.51	34.34	33.77	33.91	34.31	35.06

[a] Five international quiet days. [b] Five international disturbed days; May 29 used instead of May 16.

JUNE, 1917. 0° East plus tabular quantities.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1 [a]	35.92	36.06	36.20	36.34	36.20	36.63	37.20	37.06	37.06	36.77	35.92	35.63	35.34	35.20	35.06
2 [a]	35.90	36.04	36.18	36.32	36.32	36.75	37.47	37.04	36.18	35.18	34.18	33.61	33.61	33.61	33.89
3	35.89	36.03	36.17	36.31	36.74	37.03	37.32	36.89	36.17	35.31	34.17	33.60	33.73	34.02	34.59
4	35.87	36.29	36.44	36.58	36.58	36.72	37.01	36.58	35.58	34.58	34.01	33.73	34.01	34.29	34.58
5	35.86	35.86	36.00	36.14	36.57	37.00	37.71	37.57	37.00	35.86	34.57	34.00	33.70	33.41	33.99
6	35.84	36.12	36.26	36.26	36.41	36.55	37.69	37.98	37.12	35.84	34.83	34.26	33.82	34.11	34.40
7 [b]	35.82	36.10	36.24	36.39	36.67	37.96	38.96	37.96	36.39	35.24	33.81	33.10	32.52	32.95	33.80
8	35.51	35.80	36.08	35.80	35.94	36.08	36.94	36.65	36.08	34.94	34.37	33.94	33.51	33.79	34.22
9	35.21	35.21	35.21	35.21	35.64	36.36	38.36	38.79	38.07	35.79	34.07	33.50	33.77	34.06	34.77
10	35.62	35.77	35.77	35.62	36.19	36.91	37.91	38.63	38.34	36.91	35.34	33.76	33.05	32.76	33.05
11	35.61	35.76	35.76	35.76	36.04	36.61	37.90	38.62	38.33	37.33	35.76	34.33	33.60	33.74	34.03
12	35.31	35.45	35.59	35.45	35.45	36.02	36.45	36.88	37.02	36.74	35.45	33.88	33.72	34.01	34.58
13 [b]	35.29	35.43	35.57	35.72	36.00	36.57	37.86	37.29	36.43	35.14	34.43	33.86	33.56	34.28	34.56
14	35.12	35.27	35.41	35.55	35.70	36.84	37.27	36.55	36.27	35.98	34.98	33.98	33.69	33.84	34.69
15	35.11	35.26	35.40	35.40	35.40	36.26	37.26	36.83	35.97	35.11	34.83	34.54	33.97	34.26	34.68
16	35.10	35.25	35.25	35.39	35.82	36.82	37.82	38.25	37.68	36.39	34.25	33.10	32.10	32.67	33.67
17	34.81	34.95	35.24	35.38	35.81	37.24	37.95	38.24	37.10	35.52	34.66	33.81	33.22	33.65	34.08
18	34.93	35.07	35.07	35.07	35.22	36.65	37.93	37.65	37.08	35.50	34.50	33.93	34.64	34.36	33.36
19 [a]	34.92	35.06	35.06	35.06	35.35	36.35	37.35	37.92	37.35	36.21	34.92	34.49	34.20	33.91	33.48
20 [a]	35.19	35.33	35.33	35.33	35.62	36.04	36.62	37.19	36.90	36.62	36.19	35.33	35.03	34.89	35.03
21	35.17	35.17	35.31	35.31	35.60	36.31	37.45	37.88	37.74	37.17	35.31	34.74	34.59	34.31	34.59
22	35.16	35.01	35.01	35.01	35.16	35.87	36.59	36.87	36.73	35.59	34.87	33.87	33.57	33.86	34.43
23 [b]	35.28	35.42	35.57	35.71	35.99	36.28	36.57	35.71	35.71	35.71	35.28	34.85	34.70	33.98	33.84
24 [b]	35.83	35.83	35.55	35.83	35.40	36.69	37.69	37.40	36.98	35.83	34.83	33.54	33.26	32.83	33.11
25 [b]	35.68	36.82	36.97	37.11	37.39	37.68	38.40	38.82	38.40	36.25	34.68	33.82	32.67	32.95	33.24
26	35.52	35.66	35.66	35.66	35.80	36.37	37.95	38.38	38.09	37.37	36.23	34.80	33.51	33.08	32.37
27	35.22	35.22	35.36	35.36	35.65	36.22	36.65	36.79	36.36	35.93	35.22	34.36	34.21	34.07	34.49
28	35.20	35.20	35.20	35.34	35.49	36.06	36.92	37.63	37.34	36.06	34.06	33.48	32.48	32.34	32.63
29	35.33	35.48	35.62	35.76	35.90	36.62	37.05	36.33	36.05	35.05	34.19	33.76	33.03	33.32	33.61
30 [a]	35.31	35.60	36.03	36.17	36.60	37.31	37.89	37.03	36.74	35.46	33.88	33.17	33.45	33.88	34.03
Mean	35.42	35.58	35.68	35.74	35.96	36.63	37.47	37.45	36.94	35.91	34.79	34.03	33.68	33.75	34.03
Mean [a]	35.45	35.62	35.76	35.84	36.02	36.62	37.31	37.25	36.85	36.05	35.02	34.45	34.33	34.30	34.30
Mean [b]	35.58	35.92	35.98	36.15	36.29	37.04	37.90	37.44	36.78	35.63	34.61	33.83	33.34	33.40	33.71

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF DECLINATION.

MAY, 1917. 0° East plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
′	′	′	′	′	′	′	′	′		h. m.	′	h. m.	′	′	
37.16	37.31	36.73	35.88	35.73	35.59	35.59	35.73	36.02	36.11	6 45	38.16	12 00	34.02	4.14	1
35.60	36.17	36.46	36.03	35.17	35.46	35.60	35.60	36.46	36.11	6 00	38.60	13 00	34.03	4.57	2
36.90	37.18	36.90	36.47	36.04	35.90	36.04	35.61	36.04	36.08	6 00	38.32	12 00	33.03	5.29	3
36.49	36.20	36.06	36.06	35.92	35.92	36.06	36.20	36.49	36.33	6 00	38.91	12 00	33.76	5.15	4
36.65	37.08	36.65	36.22	35.79	35.65	35.65	35.65	35.79	35.90	6 00	38.07	12 00	32.64	5.43	5
36.67	37.10	36.96	36.67	36.38	36.10	35.96	35.81	35.96	36.28	8 00	38.38	12 35	34.17	4.21	6
36.69	36.12	35.83	35.83	35.69	35.69	35.69	35.83	35.98	36.18	7 00	38.54	12 20	33.61	4.93	7
36.57	36.85	36.57	36.28	36.14	36.14	36.00	36.14	36.14	36.12	7 00	37.23	12 24	34.35	2.88	8
36.73	37.02	36.59	36.30	36.02	36.02	36.02	36.16	36.30	36.16	6 20	37.43	11 58	34.22	3.21	9
36.61	37.04	36.75	36.46	35.75	35.75	35.89	36.04	36.18	36.23	6 48	38.10	11 30	34.24	3.86	10
36.63	37.20	36.48	35.91	35.91	36.06	36.20	36.20	36.34	36.29	8 00	38.33	12 00	34.04	4.29	11
36.08	36.65	36.93	36.50	36.08	35.79	36.08	36.22	36.36	36.10	6 18	37.57	12 00	33.92	3.65	12
35.38	35.67	36.38	36.24	35.95	35.81	35.81	35.95	36.10	36.28	6 40	38.30	13 15	34.74	3.56	13
35.97	35.69	35.97	36.12	35.97	35.97	35.97	36.12	36.40	36.14	6 00	37.25	11 30	34.61	2.64	14
36.56	36.42	36.14	35.85	35.56	35.42	35.56	35.71	35.85	36.40	6 21	38.12	11 00	34.98	3.14	15
35.86	36.15	36.29	36.15	36.00	35.57	35.72	35.43	35.57							16
35.55	36.13	35.98	35.41	35.55	35.55	35.55	35.70	35.70	35.27	5 57	36.31	12 00	33.28	2.93	17
35.83	35.40	35.54	35.54	35.40	35.11	35.26	35.54	35.69	35.64	6 30	37.19	12 20	34.33	2.86	18
36.10	36.24	36.10	35.95	35.81	35.67	35.67	35.67	35.81	35.84	7 00	37.25	12 15	34.18	3.07	19
35.66	35.80	35.80	35.66	35.51	35.51	35.51	35.66	35.66	35.66	7 00	37.23	12 06	34.01	3.22	20
35.49	35.64	35.92	36.21	35.92	35.78	35.78	35.78	35.78	35.97	7 35	37.86	13 00	34.49	3.37	21
35.05	36.20	35.91	35.77	35.63	35.63	35.63	35.48	35.34	35.86	6 55	38.70	13 00	34.05	4.65	22
34.90	35.61	35.89	35.75	35.75	35.61	35.61	35.75	35.75	35.57	7 00	37.48	13 15	32.96	4.52	23
35.31	36.17	36.17	36.17	35.88	35.60	35.45	35.45	35.60	35.91	7 30	37.95	14 00	34.02	3.93	24
35.00	35.43	35.72	35.58	35.43	35.43	35.43	35.43	35.43	35.59	6 48	37.52	13 20	33.50	4.02	25
34.71	35.28	35.71	35.42	35.14	35.28	35.14	35.28	35.42	35.50	7 00	37.85	12 24	33.57	4.28	26
33.97	34.69	35.40	35.40	35.40	35.26	35.26	35.55	35.69	35.60	8 00	38.13	14 33	33.69	4.44	27
34.82	35.68	35.97	35.25	35.11	35.11	35.25	35.25	35.39	35.77	8 00	38.83	12 30	34.04	4.79	28
34.94	35.23	35.37	35.37	35.52	35.52	35.37	35.37	35.37	35.56	7 10	38.38	12 54	32.88	5.50	29
34.93	35.65	36.08	35.94	35.65	35.51	35.51	35.36	35.36	35.44	7 45	37.58	13 00	32.65	4.93	30
34.78	35.07	35.21	35.21	35.21	35.35	35.35	35.50	35.64	35.30	7 00	38.07	13 30	32.64	5.43	31
35.79	36.13	36.14	35.92	35.71	35.64	35.66	35.72	35.86	35.91	---------	37.92	---------	33.82	4.10	-------
36.08	36.33	36.36	36.16	35.96	35.85	35.79	35.85	35.93	36.04	---------	37.68	---------	34.29	3.39	-------
35.88	36.31	36.29	35.80	35.51	35.52	35.57	35.51	35.86	35.93	---------	38.46	---------	33.60	4.86	-------

JUNE, 1917. 0° East plus tabular quantities.

′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
34.91	35.34	35.63	35.49	35.20	35.20	35.34	35.49	35.63	35.87	6 36	37.27	15 40	34.84	2.43	1
34.18	34.75	35.18	35.18	35.18	35.32	35.47	35.47	35.61	35.36	7 00	37.47	13 27	33.54	3.93	2
34.87	35.02	35.02	34.87	34.87	35.02	35.16	35.45	35.59	35.41	6 42	37.39	12 00	33.60	3.79	3
35.01	35.15	35.29	35.44	35.58	35.44	35.44	35.58	35.72	35.48	6 48	37.15	11 30	33.52	3.63	4
34.56	35.13	35.56	35.56	35.27	35.13	35.13	35.42	35.56	35.52	7 24	37.78	14 00	33.41	4.37	5
34.68	35.25	35.83	35.54	35.40	35.25	35.25	35.40	35.54	35.65	8 00	37.98	13 00	33.82	4.16	6
34.80	35.38	36.09	35.66	35.09	34.95	34.80	34.80	35.09	35.44	6 36	39.03	13 00	32.52	6.51	7
35.22	36.22	36.51	36.22	35.94	35.51	35.37	35.22	35.22	35.46	7 00	36.94	13 27	33.23	3.71	8
35.20	35.49	35.49	35.20	35.20	35.20	35.20	35.35	35.49	35.49	8 00	38.79	12 30	33.36	5.43	9
33.33	33.91	34.76	35.05	34.91	35.05	35.19	35.19	35.34	35.35	8 00	38.63	15 12	32.48	6.15	10
34.46	34.74	35.03	35.17	35.03	35.03	35.03	35.03	35.17	35.58	8 00	38.62	13 15	33.53	5.09	11
35.01	35.30	35.44	35.44	35.30	35.15	35.15	35.15	35.15	35.38	9 00	37.02	12 42	33.58	3.44	12
34.85	34.99	35.13	35.28	34.56	34.28	35.42	34.85	35.13	35.27	7 18	37.93	12 42	33.49	4.44	13
35.12	35.41	35.12	34.98	34.84	34.98	34.98	35.12	35.12	35.28	7 15	37.48	13 15	33.55	3.93	14
35.40	35.69	35.83	35.54	35.40	35.11	34.97	34.97	34.97	35.34	7 00	37.26	13 33	33.83	3.43	15
34.67	35.53	35.82	35.39	35.39	34.96	34.96	35.10	34.82	35.26	8 00	38.25	13 10	32.03	6.22	16
34.51	35.08	35.80	35.80	35.66	35.37	35.08	34.94	34.80	35.36	8 00	38.24	13 00	33.22	5.02	17
34.22	35.07	35.36	35.65	35.36	35.22	35.07	34.93	34.93	35.28	7 24	38.00	15 00	33.36	4.64	18
34.20	34.77	35.34	35.20	35.05	35.05	35.05	35.05	35.05	35.27	8 00	37.92	14 48	33.34	4.58	19
35.18	35.32	35.61	35.32	35.18	35.03	35.18	35.18	35.18	35.58	8 00	37.19	14 20	34.75	2.44	20
34.88	35.02	35.17	35.60	35.31	35.02	35.02	35.17	35.17	35.54	8 00	37.88	14 20	34.17	3.71	21
34.86	35.15	35.29	35.15	35.15	35.00	35.00	35.00	35.15	35.14	8 00	36.87	13 00	33.57	3.30	22
34.27	34.70	34.55	34.84	34.70	34.55	34.70	34.98	35.27	35.13	7 15	36.64	16 13	33.41	3.23	23
33.40	34.12	34.54	34.69	34.83	34.83	34.83	35.26	36.12	35.13	6 40	37.98	14 20	32.69	5.29	24
33.52	33.67	33.81	34.81	34.67	34.67	34.95	35.10	35.24	35.47	8 00	38.82	13 00	32.67	6.15	25
32.94	34.09	35.09	34.94	34.94	34.94	34.94	35.09	35.09	35.35	8 00	38.38	14 36	32.30	6.08	26
34.92	35.21	34.92	34.92	35.07	35.07	35.07	35.21	35.21	35.28	7 18	36.86	14 00	34.07	2.79	27
33.34	34.06	34.91	34.91	34.77	34.91	34.91	35.06	35.20	34.90	7 45	37.77	13 27	32.27	5.50	28
34.32	35.04	35.47	34.89	34.75	34.89	35.04	35.04	35.18	35.07	6 30	37.26	13 30	32.96	4.30	29
34.17	34.45	34.88	34.74	34.74	34.74	34.74	34.74	34.88	35.19	6 24	37.96	12 32	33.10	4.86	30
34.50	34.97	35.28	35.25	35.11	35.03	35.08	35.14	35.25	35.36	---------	37.76	---------	33.34	4.42	-------
34.53	34.93	35.33	35.19	35.07	35.07	35.16	35.19	35.27	35.45	---------	37.56	---------	33.91	3.65	-------
34.17	34.57	34.82	35.06	34.77	34.66	34.94	35.00	35.37	35.29	---------	38.08	---------	32.96	5.12	-------

HOURLY VALUES OF DECLINATION.

JULY, 1917. 0° East plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	35.03	35.17	35.46	35.74	36.17	36.60	36.89	36.31	35.74	35.17	34.45	33.74	33.31	33.60	34.60
2 [b]	35.16	34.87	35.30	35.73	35.30	35.16	35.16	35.16	35.30	35.02	34.30	33.44	33.59	34.02	34.44
3	35.73	35.59	35.45	35.87	36.02	36.30	37.02	36.16	34.87	34.30	33.59	32.30	31.44	32.30	33.44
4	35.02	35.45	35.59	36.16	36.45	37.02	36.73	36.16	34.73	33.73	32.44	30.87	30.44	31.30	32.44
5	35.16	35.30	35.45	35.59	35.87	37.30	38.16	38.31	37.88	36.45	35.16	34.30	33.87	33.73	33.30
6 [a]	35.16	35.16	35.16	35.30	35.16	35.16	36.30	36.16	36.59	35.87	34.30	33.44	33.01	32.87	33.01
7	35.16	35.30	35.30	35.45	35.59	36.73	38.31	38.59	37.45	36.16	33.87	33.44	33.30	33.16	33.30
8	35.31	35.46	35.60	35.74	35.88	37.17	38.03	37.74	37.17	36.74	34.88	33.74	33.31	32.60	32.74
9	35.17	35.17	35.17	35.03	34.88	35.88	37.17	37.46	37.17	35.60	35.17	34.74	33.74	34.03	34.60
10	35.17	35.17	35.31	35.46	35.17	36.46	37.31	37.46	36.17	35.60	33.60	32.45	32.60	33.60	33.88
11	35.17	35.60	35.74	35.74	35.88	37.46	39.03	39.17	37.74	36.17	34.45	32.60	32.31	33.17	33.31
12	34.88	35.17	34.74	35.31	35.17	36.03	37.74	37.60	36.60	34.45	32.31	31.59	31.88	32.60	33.02
13 [b]	35.03	35.17	35.31	35.46	35.60	36.31	36.60	36.74	35.88	34.31	33.74	33.02	32.60	33.31	35.17
14	34.17	34.60	35.03	35.31	35.60	36.31	36.60	35.88	34.60	31.74	30.88	31.02	31.88	32.45	33.74
15	35.03	35.03	35.17	35.31	35.31	35.46	35.17	34.88	34.60	34.17	33.45	33.60	34.60	35.17	35.74
16 [a]	34.88	35.03	35.17	35.17	35.46	36.17	35.60	35.46	35.17	34.88	33.60	33.45	33.88	35.03	35.46
17 [a]	35.18	35.32	35.32	35.61	35.89	37.18	37.32	36.75	35.75	34.61	33.61	33.18	33.46	34.32	35.18
18 [a]	35.05	35.05	35.19	35.19	35.48	36.19	36.33	35.90	35.05	34.19	33.33	32.76	33.19	33.90	34.76
19	34.91	34.91	35.06	35.34	35.63	36.34	37.20	36.92	36.34	35.34	34.20	33.05	31.20	32.34	34.34
20 [a]	35.07	35.35	35.50	35.78	36.21	38.07	37.93	36.93	36.07	34.92	33.64	32.92	32.79	33.50	33.79
21	35.37	35.37	35.52	35.66	35.94	36.66	37.23	37.09	36.52	36.09	34.94	33.51	32.23	32.51	33.94
22 [b]	35.24	35.53	36.38	36.67	36.96	37.24	36.67	37.53	36.38	35.24	34.24	33.67	33.81	33.67	33.52
23	35.54	35.68	35.68	35.68	35.82	36.82	37.68	38.11	37.39	35.82	34.11	33.53	33.39	33.96	33.96
24	35.26	35.40	35.55	35.55	35.69	35.97	36.83	37.12	37.40	37.55	37.26	35.69	34.97	34.45	34.69
25	(35.27)	(35.41)	(35.56)	(35.70)	(35.84)	(36.13)	(36.99)	(37.41)	(36.13)	34.70	34.41	34.27	34.28	34.14	34.42
26	35.43	35.58	35.58	35.72	36.15	37.15	37.86	37.15	36.29	35.29	34.43	33.57	33.86	33.57	33.43
27	35.59	35.59	35.44	35.44	35.73	36.59	38.16	38.45	38.16	37.44	35.59	34.58	33.30	32.58	33.01
28	35.60	36.02	36.31	36.60	36.45	37.03	37.88	37.88	37.45	36.74	35.31	34.74	34.45	34.88	35.31
29 [b]	35.18	35.03	35.46	35.61	35.18	35.03	35.46	34.89	34.32	33.32	32.46	33.03	33.46	34.75	35.75
30	34.76	35.04	35.33	35.62	35.90	36.90	37.19	37.05	36.62	35.62	35.04	34.47	34.33	34.61	34.90
31 [b]	35.49	35.78	35.92	36.06	36.35	36.92	37.21	36.49	36.15	35.64	35.06	34.63	33.92	32.92	33.35
Mean	35.17	35.30	35.44	35.63	35.77	36.51	37.09	36.93	36.25	35.25	34.12	33.40	33.17	33.52	34.08
Mean [a]	35.07	35.18	35.27	35.41	35.64	36.55	36.70	36.24	35.73	34.89	33.70	33.15	33.27	33.92	34.44
Mean [b]	35.22	35.28	35.67	35.91	35.88	36.13	36.22	36.16	35.61	34.71	33.96	33.56	33.48	33.73	34.45

AUGUST, 1917. 0° East plus tabular quantities.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	35.36	35.93	36.07	36.22	36.36	37.93	39.94	38.51	36.79	35.65	33.50	33.64	33.64	33.50	33.21
2	35.65	35.93	36.22	36.36	36.50	37.65	37.79	36.93	35.65	34.64	33.50	32.79	32.64	33.50	34.93
3	35.80	35.94	36.08	36.08	36.37	37.09	36.94	35.51	34.08	32.94	31.37	31.08	31.79	32.51	33.94
4	36.09	36.38	36.52	36.67	36.81	37.95	38.24	37.81	36.81	35.24	33.81	33.66	33.95	34.24	35.38
5 [a]	35.83	36.26	36.40	36.54	36.69	37.83	38.26	38.40	37.12	36.69	35.69	34.54	33.54	33.11	33.97
6 [a]	36.12	36.12	36.12	36.12	36.27	36.98	37.84	37.98	38.13	37.27	36.27	35.27	34.12	33.84	34.12
7	35.99	36.13	36.28	36.42	36.42	36.85	37.42	38.28	37.85	37.28	36.85	35.28	32.99	32.85	33.42
8	35.58	35.58	35.73	35.87	36.01	36.87	36.87	37.16	37.44	37.73	36.87	36.01	35.01	34.87	34.30
9 [b]	35.16	34.88	34.88	35.16	35.45	35.88	36.16	35.45	35.16	33.16	32.73	32.45	34.45	35.45	36.88
10 [b]	35.03	35.75	36.03	35.75	35.89	38.03	37.46	35.46	34.89	33.60	31.88	31.60	32.17	33.17	33.89
11	35.48	35.62	35.77	36.05	36.62	37.20	38.05	37.62	36.48	34.34	32.19	31.62	33.05	34.34	35.91
12	35.49	35.63	35.78	36.06	36.78	38.21	39.21	38.64	37.49	36.20	34.20	32.77	32.06	31.91	33.77
13 [b]	35.64	35.79	35.93	36.36	36.64	37.79	38.65	38.36	36.93	34.21	32.21	31.21	31.64	33.07	35.21
14 [b]	35.52	37.09	37.66	38.09	38.95	39.95	40.10	38.38	36.95	34.38	34.09	33.66	33.52	34.09	35.38
15	35.39	35.67	35.24	34.39	35.53	36.53	36.53	36.24	36.53	35.53	35.82	35.53	35.10	35.53	35.67
16	35.69	36.26	36.98	37.27	37.12	37.98	38.12	35.55	33.83	31.83	30.97	30.97	31.97	33.12	34.12
17	34.98	35.41	35.26	35.41	35.84	37.41	37.55	37.12	35.55	34.12	33.55	32.69	32.55	32.69	34.12
18	(35.76)	(35.76)	(35.91)	(36.62)	(36.91)	(37.77)	(38.20)	(37.91)	(37.05)	(35.76)	(34.19)	(33.05)	32.19	32.33	32.48
19 [a]	36.29	36.43	36.57	37.00	37.29	37.86	39.15	38.86	37.72	36.29	34.71	33.57	33.71	34.00	34.71
20	36.09	36.24	36.38	36.38	36.67	37.52	38.67	38.81	37.81	36.09	34.95	35.09	34.81	34.66	34.52
21 [b]	35.90	36.04	36.33	37.05	37.47	38.33	38.33	37.47	36.19	35.19	33.90	33.04	33.18	33.04	34.19
22	34.71	34.99	34.56	34.71	35.14	34.85	37.00	36.28	36.57	36.28	35.71	34.85	34.28	34.85	35.28
23	35.23	35.09	35.23	35.09	34.94	35.37	37.23	37.37	37.66	37.23	36.66	36.66	35.66	34.94	35.66
24	36.47	36.47	37.04	37.47	36.75	37.90	38.75	38.47	38.47	38.04	37.61	36.18	35.75	36.18	36.18
25	36.13	36.13	36.13	36.27	36.42	37.56	38.70	38.85	38.42	37.13	34.84	33.41	33.27	34.13	34.84
26	36.37	36.80	37.08	38.37	37.51	38.80	38.51	36.94	36.08	35.51	34.36	34.36	34.79	36.08	36.37
27	36.32	36.60	36.60	36.75	36.89	37.60	38.03	37.17	35.89	34.60	34.60	33.89	34.03	34.74	36.03
28 [a]	36.12	36.12	36.27	36.27	36.41	36.84	36.41	35.98	34.26	32.98	32.83	33.12	32.98	33.41	35.12
29 [a]	36.22	36.22	36.36	36.50	36.65	37.36	38.50	38.50	38.22	36.79	35.36	34.07	33.93	33.79	35.21
30	36.45	36.74	36.88	36.88	36.88	37.88	38.45	38.74	37.31	34.88	32.88	31.88	31.73	32.88	34.88
31	36.69	36.83	36.97	37.26	37.26	38.69	40.12	39.26	37.26	34.54	31.83	31.11	31.83	(32.65)	(33.65)
Mean	35.79	36.03	36.17	36.37	36.56	37.50	38.10	37.55	36.66	35.36	34.19	33.52	33.43	33.85	34.75
Mean [a]	36.12	36.23	36.34	36.49	36.66	37.37	38.03	37.94	37.09	36.00	34.97	34.11	33.66	33.63	34.63
Mean [b]	35.45	35.91	36.17	36.48	36.88	38.00	38.14	37.02	36.02	34.11	32.96	32.39	32.99	33.76	35.11

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF DECLINATION.

JULY, 1917. 0° East plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	
35.46	35.74	35.17	34.88	34.74	34.74	34.74	34.74	34.74	35.12	7	00	36.89	12	48	33.24	3.65	1
34.73	35.59	35.02	33.87	34.30	34.02	34.30	34.59	34.73	34.71	4	06	35.80	12	51	33.16	2.64	2
34.73	35.73	35.87	35.16	35.02	34.73	34.59	34.73	34.87	34.83	7	00	37.02	12	06	31.30	5.72	3
33.73	34.59	35.16	35.02	34.87	34.87	34.87	35.02	35.16	34.49	6	20	37.16	13	00	30.44	6.72	4
33.73	34.30	34.59	34.87	34.87	35.02	34.87	35.02	35.16	35.34	7	33	38.38	15	18	33.23	5.15	5
33.87	34.73	35.30	35.45	35.16	35.16	35.02	35.02	35.16	34.90	9	06	36.66	13	30	32.80	3.86	6
34.16	34.87	35.02	36.16	34.44	34.73	34.87	35.02	35.16	35.23	7	43	38.66	14	00	33.16	5.50	7
33.45	34.45	35.60	35.17	35.03	34.88	35.03	35.03	35.17	35.25	7	42	38.10	14	48	32.53	5.57	8
34.60	34.45	34.60	34.74	34.74	34.74	34.88	35.03	35.17	35.16	8	00	37.46	13	00	33.74	3.72	9
34.45	35.46	35.74	35.17	34.88	34.74	34.88	34.88	35.03	35.03	8	00	37.46	12	18	32.38	5.08	10
34.74	35.17	36.17	35.17	34.88	35.17	35.03	34.88	34.74	35.40	8	00	39.17	12	36	32.24	6.93	11
33.88	34.45	35.17	35.03	34.88	34.74	34.74	34.88	35.17	34.67	7	21	37.81	12	00	31.59	6.22	12
35.46	36.03	36.60	36.03	35.74	35.17	35.17	35.03	34.88	35.18	7	48	36.88	13	10	32.53	4.35	13
34.74	35.03	35.17	35.03	35.03	34.88	34.74	34.74	34.88	34.34	7	24	36.67	11	33	30.81	5.86	14
36.17	36.17	36.03	34.46	34.74	34.88	34.88	34.88	34.88	35.03	16	12	36.24	11	31	33.38	2.86	15
35.17	35.17	35.31	35.17	35.31	35.17	35.17	35.17	35.17	35.05	6	15	36.31	12	20	33.38	2.93	16
35.89	36.18	36.32	35.61	35.47	35.32	35.18	35.18	35.04	35.37	6	30	37.39	12	00	33.18	4.21	17
35.76	36.19	36.19	35.62	35.19	35.05	34.90	34.90	34.90	35.01	7	00	36.33	12	18	32.69	3.64	18
35.63	36.34	36.20	35.20	35.20	35.20	35.06	34.91	34.91	35.07	7	00	37.20	13	15	31.13	6.07	19
34.79	35.22	35.36	35.22	35.08	35.08	34.93	35.08	35.22	35.19	6	33	38.21	13	00	32.79	5.42	20
34.94	35.37	35.23	35.23	34.94	34.94	35.09	35.09	35.09	35.19	7	00	37.23	13	15	32.16	5.07	21
33.52	33.81	35.24	34.95	34.81	34.95	34.95	35.10	35.38	35.23	8	00	37.53	16	06	33.45	4.08	22
34.11	34.39	34.68	34.82	34.82	35.11	35.11	35.11	35.25	35.27	8	00	38.11	13	00	33.39	4.72	23
35.12	35.55	35.83	(35.83)	(35.69)	(35.55)	(35.40)	(35.26)	(35.26)	35.79	9	40	37.69	14	12	34.47	3.22	24
34.99	35.42	35.71	35.57	35.28	35.14	35.14	35.14	35.28	35.35	8	00	(37.41)	14	00	34.14	3.27	25
34.15	35.58	35.86	35.29	35.29	35.29	35.29	35.29	35.43	35.36	7	00	37.86	15	00	33.43	4.43	26
34.16	35.16	35.59	35.16	35.01	35.16	35.01	35.01	35.30	35.47	8	00	38.45	14	00	32.58	5.87	27
35.17	35.45	35.88	35.60	35.31	35.31	35.45	35.45	35.31	35.90	7	15	38.09	13	00	34.45	3.64	28
35.32	35.32	35.46	35.61	35.61	35.61	35.18	34 57	34.60	34.85	15	00	35.75	11	00	32.46	3.29	29
35.19	35.47	35.33	35.19	35.19	35.19	35.04	35.19	35.33	35.44	7	00	37.19	12	27	34.26	2.93	30
34.92	36.06	35.35	34.63	34.06	34.49	33.92	34.21	34.78	35.18	7	00	37.21	14	00	32.92	4.29	31
34.73	35.27	35.51	35.22	35.02	35.00	34.95	34.98	35.07	35.14	---		37.37	---		32.82	4.55	---
35.10	35.50	35.70	35.41	35.24	35.16	35.04	35.07	35.10	35.10	---		36.98	---		32.97	4.01	---
34.79	35.36	35.53	35.02	34.90	34.85	34.70	34.74	34.87	35.03	---		36.63	---		32.90	3.73	---

AUGUST, 1917. 0° East plus tabular quantities.

′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	
34.36	35.36	35.22	34.64	34.64	34.79	35.07	35.22	35.36	35.45	7	00	39.94	15	00	33.21	6.73	1
36.36	36.65	35.93	35.36	35.22	35.22	35.36	35.50	35.79	35.50	7	00	37.79	12	42	32.57	5.22	2
35.23	35.94	36.51	35.80	35.37	35.37	35.51	35.66	35.80	34.95	6	24	37.16	11	40	31.01	6.15	3
36.81	36.95	36.95	35.81	35.52	35.38	35.38	35.38	35.52	35.97	6	35	38.31	11	54	33.59	4.72	4
34.68	35.83	36.69	36.11	35.97	35.97	35.97	35.97	36.11	36.01	8	00	38.40	13	24	32.97	5.43	5
35.27	36.41	36.55	35.98	35.70	35.70	35.70	35.70	35.84	36.06	9	00	38.13	14	00	33.84	4.29	6
34.99	35.56	36.56	35.85	35.56	35.56	35.56	35.42	35.56	35.87	8	00	38.28	13	33	32.78	5.50	7
35.30	36.73	37.01	36.58	36.30	35.87	35.73	35.58	35.44	36.10	9	54	37.80	15	00	34.30	3.50	8
37.45	39.17	38.31	34.16	33.73	34.59	34.45	34.02	34.45	35.15	16	57	39.31	12	00	32.45	6.86	9
36.03	36.89	37.03	36.46	36.32	35.89	35.75	35.46	35.46	35.25	6	03	38.17	11	36	31.53	6.64	10
36.77	36.91	36.91	36.34	35.91	35.77	35.62	35.48	35.48	35.65	7	18	38.12	12	10	31.55	6.57	11
35.63	36.92	36.92	35.92	35.63	35.49	35.20	35.49	35.47	35.70	7	10	39.28	14	00	31.91	7.37	12
36.79	37.22	36.79	36.50	35.93	35.79	36.07	35.36	36.64	35.70	7	00	38.65	12	00	31.21	7.44	13
36.52	36.81	36.66	36.52	35.52	37.09	35.52	35.81	35.09	36.39	6	40	40.38	12	40	33.45	6.93	14
35.67	36.96	36.24	35.53	35.82	35.53	35.39	35.39	35.53	35.72	17	00	36.96	4	00	34.39	2.57	15
34.69	35.55	35.69	35.41	35.12	35.26	34.69	34.98	34.83	34.92	6	24	38.26	11	20	30.90	7.36	16
34.98	36.69	36.69	(36.55)	(35.98)	(35.69)	(35.55)	(35.41)	(35.55)	35.31	6	42	37.62	12	40	32.48	5.14	17
33.62	35.34	36.19	35.91	36.05	36.05	36.05	36.19	36.34	35.57	7	00	(38.20)	13	00	32.19	6.01	18
35.43	36.43	36.43	36.43	36.29	36.00	35.86	35.86	36.00	36.20	7	20	39.22	12	00	33.37	5.85	19
35.24	36.24	36.52	36.09	35.95	35.81	35.38	35.66	35.81	36.14	8	00	38.81	15	00	34.52	4.29	20
35.04	35.47	36.04	35.90	37.19	36.62	36.33	35.47	35.33	35.79	6	45	38.40	13	36	32.97	5.43	21
36.28	36.71	37.14	36.71	37.14	36.28	35.85	35.56	35.42	35.71	20	10	37.21	12	50	34.14	3.07	22
36.23	36.37	36.66	36.80	37.09	36.66	37.09	36.37	36.52	36.24	9	00	37.66	5	37	34.66	3.00	23
36.18	36.18	37.04	36.90	36.47	36.18	36.18	36.18	36.18	36.88	6	42	38.89	12	38	35.68	3.21	24
35.70	36.13	36.42	35.84	35.99	36.13	36.13	36.13	36.27	36.12	8	00	38.85	12	30	33.20	5.65	25
36.94	36.08	36.22	35.94	35.79	35.79	36.08	36.08	36.22	36.38	6	20	38.94	11	24	34.29	4.65	26
36.89	37.03	36.32	36.32	36.17	36.17	36.17	36.03	36.03	36.12	6	32	38.10	12	00	33.89	4.21	27
36.98	37.41	36.84	36.70	36.41	36.27	36.12	36.12	36.27	35.59	17	00	37.41	11	00	32.83	4.58	28
36.22	36.93	36.65	36.07	35.93	35.93	35.93	35.93	36.07	36.22	7	24	38.57	14	00	33.79	4.78	29
37.02	37.74	37.02	36.17	36.17	36.17	36.31	36.31	36.45	36.03	8	00	38.74	13	00	31.73	7.01	30
(34.51)	35.37	35.22	35.22	35.08	35.08	35.08	35.08	35.08	35.49	7	00	40.12	12	00	31.11	9.01	31
35.80	36.52	36.56	36.02	35.87	35.81	35.71	35.64	35.74	35.81	---		38.44	---		32.98	5.46	---
35.72	36.60	36.63	36.26	36.06	35.97	35.92	35.92	36.06	36.02	---		38.35	---		33.36	4.99	---
36.37	37.11	36.97	35.91	35.74	36.00	35.62	35.22	35.39	35.66	---		38.98	---		32.32	6.66	---

HOURLY VALUES OF DECLINATION.

SEPTEMBER, 1917. 0° East plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1 [a]	35.37	35.65	35.65	35.80	35.94	37.51	38.80	38.80	37.80	35.65	32.94	32.08	31.79	31.93	33.36
2 [b]	35.66	35.95	36.23	36.09	36.38	38.81	39.52	38.81	37.09	34.52	32.95	32.23	32.52	33.09	34.66
3	35.38	35.66	35.95	36.09	36.09	38.24	38.81	37.95	36.95	35.38	34.23	33.09	33.37	34.09	35.09
4	35.24	35.38	35.53	35.67	35.67	37.53	37.53	37.10	35.10	32.81	31.95	31.38	32.81	33.67	34.81
5 [b]	35.24	35.39	35.67	35.96	35.96	37.25	38.10	38.39	37.53	35.67	34.24	33.53	33.67	34.39	36.10
6	34.97	34.82	35.83	34.97	35.68	35.97	36.68	35.54	34.25	32.82	32.25	31.82	32.11	33.39	34.97
7	35.68	35.54	35.54	35.54	35.54	37.26	37.97	37.11	35.83	34.25	33.25	32.11	32.25	32.82	34.40
8	35.41	35.55	35.55	35.69	35.55	36.84	37.98	37.55	36.55	35.41	34.83	33.98	33.26	33.98	34.98
9 [b]	35.41	35.41	35.41	35.55	35.84	37.12	37.98	37.55	36.41	34.98	34.12	33.69	33.83	34.26	35.98
10	35.27	35.42	35.56	35.99	36.13	37.42	38.28	37.70	36.85	35.70	34.70	33.56	33.41	33.99	36.13
11 [a]	35.56	35.85	35.99	36.13	36.27	36.99	37.13	36.27	34.70	34.27	33.27	32.84	33.99	35.42	36.27
12	35.56	35.70	35.85	35.99	36.42	37.99	38.28	37.28	34.99	33.70	32.84	32.70	33.41	34.70	35.85
13	35.71	36.00	36.14	36.43	36.57	38.43	39.00	37.71	35.00	33.71	32.14	31.42	32.14	33.57	35.00
14	36.00	36.00	35.86	36.14	36.71	38.86	39.43	38.72	37.00	34.28	31.28	29.85	31.42	32.71	34.71
15	35.71	35.86	36.00	36.00	36.14	38.14	38.72	37.71	35.57	34.28	32.85	32.71	32.28	33.42	34.85
16	35.58	35.87	36.01	36.15	36.44	37.58	38.01	37.58	36.87	35.15	33.15	32.29	32.86	34.44	36.01
17	35.58	35.72	36.01	36.15	36.29	37.44	38.01	37.58	36.87	36.15	33.72	33.29	33.72	34.58	35.72
18	35.45	35.73	36.02	36.16	36.45	37.59	38.16	38.31	37.45	36.45	35.30	34.02	33.59	34.02	35.16
19 [b]	35.45	35.73	36.02	36.16	36.16	37.45	37.73	38.02	36.73	35.45	33.16	31.16	31.59	32.87	34.73
20	35.30	35.59	35.88	36.16	36.02	37.02	37.16	37.31	36.59	35.59	34.30	33.59	33.44	34.02	34.73
21	35.45	35.73	35.73	35.59	35.59	36.88	37.16	36.59	35.73	34.87	34.16	33.73	33.59	33.59	34.30
22	35.30	35.45	35.59	35.73	36.02	37.45	37.88	37.16	35.73	35.02	33.59	33.16	32.73	33.30	34.16
23 [a]	35.59	35.73	36.02	36.02	35.88	36.59	37.45	37.16	36.59	36.30	34.87	34.02	33.59	34.02	35.16
24	35.45	35.45	35.59	35.45	35.45	36.02	36.59	36.02	35.16	34.73	33.73	33.02	33.16	34.16	35.02
25 [a]	35.45	35.45	35.59	35.73	35.73	36.59	37.31	36.73	36.16	35.16	34.02	33.16	32.73	34.59	36.16
26 [a]	35.59	35.88	36.02	35.88	35.73	36.88	37.45	36.88	35.59	34.45	33.16	32.44	31.87	33.44	35.02
27	35.30	35.45	35.59	35.59	35.88	37.02	38.30	35.45	34.73	33.87	33.16	32.59	32.44	33.73	34.59
28	35.16	35.30	35.45	35.59	35.59	37.02	38.02	37.59	36.16	35.45	35.16	35.30	35.30	35.59	36.16
29	35.45	35.59	35.59	35.73	35.88	37.02	37.73	36.45	35.73	34.87	34.02	33.30	33.16	34.30	35.59
30 [b]	35.45	35.45	35.59	35.59	35.73	36.88	37.59	37.31	36.16	34.87	33.73	33.59	34.02	35.73	36.59
Mean	35.46	35.61	35.78	35.86	35.99	37.33	37.89	37.34	36.13	34.86	33.59	32.86	33.00	33.93	35.21
Mean [a]	35.51	35.71	35.85	35.91	36.01	36.91	37.63	37.17	36.17	35.17	33.65	32.91	32.79	33.88	35.19
Mean [b]	35.44	35.59	35.78	35.87	36.01	37.50	38.18	38.02	37.78	35.10	33.64	32.84	33.13	34.07	35.61

[a] Five international quiet days. [b] Five international disturbed days.

OCTOBER, 1917. 0° East plus tabular quantities.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	35.02	35.30	35.45	35.30	35.16	36.16	37.02	37.30	36.30	35.02	33.73	33.87	33.87	34.44	35.16
2	35.45	35.45	35.59	35.45	35.30	36.16	37.16	36.59	35.45	35.16	33.87	33.59	33.30	33.73	35.16
3 [b]	35.29	35.01	35.44	35.29	35.01	36.29	37.15	37.01	36.01	34.15	33.29	32.29	33.29	34.01	35.15
4	35.28	35.28	35.57	35.00	35.28	36.00	36.00	36.43	36.00	35.14	35.14	34.71	34.71	35.14	35.43
5	35.42	35.56	35.70	35.70	35.42	36.13	36.56	36.27	35.13	35.56	35.13	34.13	33.99	34.84	35.56
6	35.69	35.83	35.98	35.69	35.41	35.83	36.41	36.55	35.69	35.83	36.12	35.55	35.41	36.12	36.69
7	35.54	35.68	35.68	35.68	35.54	36.11	35.97	35.97	35.82	35.40	35.11	34.82	34.54	34.97	35.54
8	35.67	35.69	35.67	35.53	35.24	35.39	35.96	36.24	36.24	35.67	36.10	35.39	35.10	34.81	35.67
9	36.09	36.38	36.09	36.09	35.66	36.23	36.38	36.23	35.80	35.09	35.38	35.38	35.23	34.95	35.52
10	36.08	36.08	35.94	35.79	35.79	36.51	37.37	36.51	36.08	35.65	35.37	34.94	34.51	34.08	34.94
11	36.07	35.93	35.93	35.93	35.93	36.36	37.07	37.64	36.93	36.79	36.50	35.64	34.93	34.78	35.07
12	35.77	35.49	35.77	35.77	35.49	36.06	36.49	37.06	36.49	35.63	35.06	34.34	34.92	35.20	36.06
13 [b]	36.05	36.19	36.19	36.05	35.76	35.76	36.05	36.19	36.19	36.48	35.34	34.76	34.76	35.34	36.05
14 [b]	35.61	35.75	36.04	36.04	35.47	36.04	36.33	36.47	36.18	35.18	34.61	35.47	34.75	35.04	35.33
15	35.17	35.32	35.89	36.03	36.03	36.46	36.60	36.32	35.74	34.89	33.89	33.74	34.03	35.17	35.74
16 [a]	35.31	35.45	35.73	35.73	35.59	35.88	36.31	37.02	37.02	36.31	35.45	35.59	35.59	35.88	36.45
17	35.73	35.88	35.73	35.59	35.45	36.16	36.45	36.31	36.02	35.02	34.88	34.88	35.31	35.59	36.31
18	35.74	35.88	35.59	35.45	35.45	36.16	36.59	36.88	36.03	34.73	34.16	33.87	34.30	34.73	35.16
19 [a]	35.02	34.88	34.73	34.59	34.44	34.73	35.45	35.74	35.45	34.59	33.87	33.45	33.59	33.82	34.06
20 [a]	35.20	35.20	35.20	35.34	35.34	35.77	36.49	36.63	35.77	35.20	34.34	34.06	34.20	34.48	34.63
21 [a]	35.91	35.77	35.63	35.49	35.34	35.34	36.06	36.34	36.49	35.77	35.06	34.20	33.63	34.06	34.91
22 [a]	35.34	35.34	35.49	35.49	35.49	35.63	36.20	36.49	36.63	36.63	35.63	35.20	34.91	34.77	35.06
23	35.34	35.49	35.34	35.20	35.20	35.20	35.20	35.91	35.77	35.49	35.20	35.06	35.20	35.63	35.91
24	35.20	35.34	35.34	35.34	35.20	34.91	34.34	35.77	35.49	35.34	35.34	35.34	35.63	34.63	35.20
25 [b]	35.34	35.06	35.20	34.91	34.77	34.48	35.06	34.91	34.20	33.91	33.48	33.63	34.48	35.20	35.63
26	36.20	36.49	36.49	36.34	35.77	35.91	35.49	35.20	34.91	34.77	33.91	33.63	33.91	34.48	35.20
27	35.49	35.77	35.77	35.77	35.20	35.34	35.63	36.06	36.06	35.34	34.91	34.63	34.06	34.77	35.06
28 [b]	35.77	36.06	36.06	35.63	35.49	35.63	35.91	36.20	36.06	35.06	34.06	34.06	34.91	35.49	36.20
29	35.63	35.91	35.77	35.77	34.91	34.91	34.20	35.06	34.77	34.06	34.06	33.77	34.77	35.34	36.34
30	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
31	------	------	------	------	------	------	------	------	------	------	35.00	35.85	36.28	36.14	36.00
Mean	35.57	35.65	35.69	35.59	35.38	35.78	36.17	36.32	35.89	35.31	34.80	34.53	34.60	34.92	35.51
Mean [a]	35.36	35.33	35.36	35.33	35.24	35.47	36.10	36.44	36.27	35.70	34.87	34.50	34.38	34.60	35.02
Mean [b]	35.61	35.61	35.79	35.58	35.30	35.64	36.10	36.16	35.73	34.96	34.16	34.04	34.44	35.02	35.67

[a] Five international quiet days. [b] Five international disturbed days; October 25 used instead of October 29.

HOURLY VALUES OF DECLINATION.

SEPTEMBER, 1917. 0° East plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	
34.79	35.80	35.65	35.51	35.51	35.37	35.37	35.37	35.51	35.33	7	20	38.94	13	00	31.79	7.15	1
35.66	36.81	35.81	35.09	34.95	34.80	34.95	35.09	35.09	35.53	7	00	39.52	13	00	32.52	7.00	2
36.09	36.38	36.81	35.66	35.38	35.38	35.38	35.09	35.23	35.74	6	46	38.88	12	12	33.02	5.86	3
35.96	36.82	35.96	35.82	35.67	35.53	34.96	35.10	35.24	35.14	6	16	37.67	12	00	31.38	6.29	4
36.10	36.82	36.39	35.39	35.24	35.39	35.10	35.10	34.96	35.73	8	00	38.39	12	00	33.53	4.86	5
35.97	36.54	36.11	35.97	36.11	35.97	35.68	35.54	35.68	34.98	7	00	36.68	12	00	31.82	4.86	6
34.97	35.39	35.54	35.54	35.54	35.68	35.54	35.39	35.25	35.16	7	00	37.97	12	20	32.04	5.93	7
35.69	35.69	35.55	35.55	35.41	35.41	35.26	35.26	35.26	35.51	7	00	37.98	13	00	33.26	4.72	8
36.69	36.26	35.41	35.55	35.55	35.69	35.41	34.83	35.12	35.59	7	00	37.98	12	00	33.69	4.29	9
36.70	36.13	35.56	35.27	35.13	35.13	35.13	35.27	35.42	35.66	7	00	38.28	13	00	33.41	4.87	10
36.70	36.27	35.42	35.42	35.42	35.27	35.13	35.27	35.56	35.48	7	00	37.13	12	00	32.84	4.29	11
36.56	36.42	35.56	35.42	35.42	35.13	35.13	35.27	35.42	35.48	7	00	38.28	12	00	32.70	5.58	12
36.28	36.57	35.86	35.43	35.14	35.28	35.28	35.43	35.71	35.41	6	50	39.07	12	00	31.42	7.65	13
36.00	36.14	35.43	35.57	35.57	35.28	35.28	35.43	35.71	35.39	7	00	39.43	12	00	29.85	9.58	14
35.71	35.86	35.14	35.14	35.14	35.14	35.14	35.28	35.57	35.35	7	00	38.72	13	00	32.28	6.44	15
36.58	37.01	35.87	35.44	35.29	35.15	35.15	35.29	35.44	35.63	7	00	38.01	12	00	32.29	5.72	16
36.15	36.01	35.29	35.15	35.15	35.29	35.15	35.29	35.29	35.65	7	25	38.08	11	35	33.01	5.07	17
35.88	36.16	35.45	35.30	35.16	36.16	35.02	35.16	35.30	35.77	8	00	38.31	13	00	33.59	4.72	18
36.02	36.16	35.59	34.59	35.16	35.16	35.45	35.16	35.16	35.29	8	00	38.02	12	00	31.16	6.86	19
35.59	36.16	35.45	36.02	35.45	35.30	35.16	35.02	35.30	35.51	8	00	37.31	13	00	33.44	3.87	20
35.02	35.30	35.30	35.45	35.59	35.45	35.02	34.87	34.87	35.23	7	00	37.16	13	30	33.52	3.64	21
35.02	35.30	35.02	35.16	35.02	35.02	35.16	35.30	35.45	35.20	7	00	37.88	12	35	32.59	5.29	22
36.02	35.88	35.30	35.30	35.45	35.30	35.16	35.16	35.45	35.58	7	20	37.59	12	38	33.31	4.28	23
35.88	36.30	35.59	35.73	35.45	35.45	35.30	35.30	35.45	35.23	7	00	36.59	12	45	32.88	3.71	24
36.45	36.16	35.45	35.30	35.16	35.02	35.16	35.16	35.30	35.40	7	00	37.31	13	00	32.73	4.58	25
36.16	36.59	35.59	35.45	35.16	35.16	35.16	35.16	35.30	35.25	7	00	37.45	12	45	31.80	5.65	26
35.59	35.45	35.16	35.16	35.30	35.16	35.02	35.16	35.30	34.96	6	00	37.02	13	00	32.44	4.58	27
36.02	35.45	35.02	35.30	35.30	35.16	34.87	35.02	35.16	35.67	7	00	38.02	22	20	34.80	3.22	28
36.73	36.59	35.30	35.59	35.59	35.45	35.16	34.87	35.16	35.45	7	00	37.73	13	00	33.16	4.57	29
35.73	35.59	35.16	35.73	35.59	35.16	35.16	35.02	35.30	35.53	7	00	37.59	11	51	33.45	4.14	30
35.96	36.13	35.56	35.43	35.37	35.29	35.19	35.19	35.33	35.43	---	---	37.97	---	---	32.66	5.31	-------
36.02	36.14	35.48	35.40	35.34	35.22	35.20	35.22	35.42	35.41	---	---	37.68	---	---	32.49	5.19	-------
36.04	36.33	35.67	35.27	35.30	35.24	35.21	35.04	35.13	35.53	---	---	38.30	---	---	32.87	5.43	-------

OCTOBER, 1917. 0° East plus tabular quantities.

′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	
35.30	35.73	35.59	35.73	35.59	35.45	35.02	35.30	35.30	35.34	8	00	37.30	11	00	33.73	3.57	1
36.16	36.02	35.59	35.45	35.30	35.30	35.16	35.16	35.45	35.29	7	20	37.23	13	00	33.30	3.93	2
35.58	35.86	35.58	35.29	35.01	35.01	35.01	34.86	35.15	35.08	7	45	37.22	12	12	32.22	5.00	3
36.14	36.43	36.28	36.14	36.00	35.71	35.43	35.43	35.43	35.59	17	05	36.50	12	33	34.64	1.86	4
36.27	36.27	36.13	35.70	35.56	35.42	35.27	35.42	35.56	35.53	7	00	36.56	12	48	33.85	2.71	5
36.55	36.55	35.98	35.69	35.69	35.55	35.55	35.41	35.41	35.88	16	30	36.83	5	30	35.13	1.70	6
36.11	35.97	35.54	35.68	35.82	35.54	35.40	35.40	35.54	35.56	15	40	36.25	13	00	34.54	1.71	7
35.96	36.10	35.67	35.53	35.80	35.53	35.53	35.67	35.96	35.68	8	24	36.38	15	30	34.74	1.64	8
36.09	35.66	35.38	35.95	35.52	35.38	35.52	35.80	36.09	35.75	7	33	36.52	14	00	34.95	1.57	9
35.08	35.22	35.37	35.37	35.65	35.51	35.65	35.79	36.08	35.64	7	00	37.37	15	42	34.01	3.36	10
35.21	35.07	34.93	35.36	35.50	35.36	35.36	35.78	35.93	35.83	8	00	37.64	15	42	34.64	3.00	11
36.49	36.20	35.49	35.63	35.77	35.77	35.63	35.77	35.92	35.76	8	00	37.06	12	00	34.34	2.72	12
36.05	36.05	35.48	35.91	35.91	35.62	35.34	35.48	35.62	35.78	9	40	36.62	12	10	34.69	1.93	13
36.18	35.90	34.61	36.33	35.04	34.90	35.04	35.33	35.47	35.55	19	45	36.76	10	45	34.54	2.22	14
35.74	35.32	34.89	35.32	35.32	35.17	35.17	35.32	35.32	35.36	7	00	36.60	12	36	33.67	2.93	15
36.45	36.02	35.02	35.45	35.59	35.31	35.31	35.45	35.59	35.81	8	05	37.09	18	00	35.02	2.07	16
36.31	36.16	35.59	36.02	35.88	35.73	35.88	35.88	35.73	35.77	7	00	36.45	11	30	34.74	1.71	17
35.45	35.31	35.02	35.02	35.02	34.88	34.88	35.02	35.16	35.27	8	00	36.88	12	00	33.87	3.01	18
34.77	35.06	34.63	35.06	35.20	35.06	34.91	34.91	35.06	34.71	8	00	35.74	12	00	33.45	2.29	19
34.77	34.77	34.77	35.06	35.20	35.20	35.20	35.34	35.63	35.16	8	00	36.63	12	00	34.06	2.57	20
35.20	35.20	35.20	35.34	35.34	35.34	35.20	35.20	35.34	35.31	9	00	36.49	13	15	33.56	2.93	21
35.20	34.91	34.77	35.20	35.34	35.20	35.20	35.20	35.34	35.44	9	30	36.70	14	36	34.63	2.07	22
35.63	35.34	35.20	35.20	35.20	35.20	35.20	35.06	35.34	35.35	8	40	36.06	11	30	34.99	1.07	23
35.91	35.63	35.20	35.34	35.77	35.49	35.20	35.34	35.20	35.35	16	30	36.06	14	00	34.63	1.43	24
35.20	35.06	34.63	34.77	35.06	35.20	35.49	35.63	36.06	34.89	24	00	36.06	11	00	33.48	2.58	25
35.49	35.34	35.20	35.20	35.20	35.20	35.06	35.20	35.34	35.25	1	54	36.56	12	00	33.63	2.93	26
35.20	35.20	35.20	35.49	35.34	35.06	35.06	35.34	35.49	35.30	7	50	36.13	13	00	34.06	2.07	27
36.06	35.77	36.34	36.34	36.34	35.49	35.20	35.20	35.49	35.62	19	42	36.49	11	24	33.99	2.50	28
36.06	35.49	35.20	35.49	36.20	35.49	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	29
-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	30
35.57	35.28	35.28	35.42	35.28	35.14	35.00	35.00	35.28	-------	-------	-------	-------	-------	-------	-------	-------	31
35.74	35.63	35.33	35.52	35.51	35.34	35.27	35.37	35.53	35.46	---	---	36.65	---	---	34.18	2.47	-------
35.28	35.19	34.88	35.22	35.33	35.22	35.16	35.22	35.39	35.29	---	---	36.53	---	---	34.14	2.39	-------
35.81	35.73	35.33	35.73	35.47	35.24	35.22	35.30	35.56	35.38	---	---	36.63	---	---	33.78	2.85	-------

HOURLY VALUES OF DECLINATION.

NOVEMBER, 1917. 0° East plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	35.57	35.57	35.71	35.57	35.43	35.57	35.85	36.71	37.00	36.86	35.85	36.00	36.71	36.44	36.17
2	35.74	35.74	35.60	35.46	35.46	35.46	35.89	37.32	39.00	37.85	36.28	35.71	35.57	35.28	35.42
3	35.72	35.72	35.58	35.58	35.43	35.43	35.58	35.86	36.29	35.58	35.00	35.15	35.29	35.29	35.43
4	35.59	35.59	35.59	35.44	35.44	35.30	35.44	35.87	35.59	35.73	35.59	35.44	35.30	35.16	35.01
5	35.60	35.45	35.45	35.45	35.31	35.45	35.74	37.03	37.88	38.03	36.88	35.31	35.02	34.74	34.88
6	35.32	35.32	35.32	35.32	35.32	35.18	35.61	36.18	37.04	37.61	36.89	35.61	35.32	34.61	35.18
7	35.62	35.47	35.47	35.62	35.47	35.33	35.33	35.90	36.47	36.19	35.33	33.90	34.19	34.90	35.19
8	35.48	35.48	35.63	35.48	35.34	35.05	35.34	35.77	36.34	36.63	36.34	36.48	36.77	36.63	36.20
9[a]	35.49	35.49	35.35	35.35	35.21	35.06	34.92	35.35	35.92	36.21	35.78	35.64	36.21	36.35	36.07
10[a]	35.36	35.36	35.50	35.36	35.22	35.07	35.50	35.93	36.22	36.36	35.93	35.07	34.65	34.50	34.22
11	35.37	35.37	35.23	35.37	35.23	35.23	34.94	35.66	35.80	35.94	35.23	34.80	34.80	34.66	34.94
12[b]	35.38	35.38	35.38	35.24	35.24	35.09	35.42	34.95	35.24	35.52	35.67	35.52	35.95	36.24	36.38
13	35.39	35.82	36.39	35.96	35.96	35.10	34.68	34.82	35.53	35.96	35.96	36.11	35.96	35.96	36.25
14[b]	35.26	35.69	35.69	35.69	35.26	35.40	34.97	35.97	35.83	35.40	35.69	35.26	36.12	35.83	35.97
15[a]	35.27	35.41	35.41	35.41	34.98	34.84	34.69	35.12	35.12	35.41	35.98	36.13	36.13	35.70	35.27
16[a]	35.28	35.42	35.42	35.28	34.99	34.85	34.56	34.85	35.85	35.99	35.71	35.42	35.56	35.71	35.56
17	35.34	35.34	35.48	35.34	35.05	34.77	34.62	35.05	36.05	36.77	36.48	36.05	36.20	36.05	35.91
18	35.49	35.49	35.49	35.49	35.35	34.78	34.35	34.49	35.20	35.06	35.63	35.92	36.06	35.92	36.21
19	35.21	35.36	35.50	35.50	35.21	35.07	35.36	35.79	36.36	36.07	35.79	35.64	34.93	35.79	35.93
20	35.38	35.23	35.38	35.23	35.23	35.09	35.38	35.81	36.81	36.95	36.52	35.66	35.23	35.52	35.81
21	35.10	35.53	35.67	35.53	35.53	35.67	36.25	36.67	36.96	36.82	36.67	36.53	36.10	35.67	35.39
22	35.54	35.54	35.54	35.54	35.40	35.40	35.25	35.83	36.97	37.40	37.97	37.40	37.26	36.83	36.11
23[a]	35.70	35.70	35.56	35.56	35.13	34.85	34.99	35.70	36.56	37.28	37.56	37.42	35.99	34.99	34.70
24	35.57	35.57	35.57	35.57	35.43	35.28	35.14	35.57	36.86	35.57	37.43	37.29	37.14	36.14	35.28
25[b]	35.58	35.58	35.44	35.29	34.72	34.29	34.01	35.15	36.15	37.15	37.44	37.01	36.72	35.87	36.01
26[b]	35.74	35.17	35.31	34.89	35.31	34.31	34.74	35.03	36.03	36.74	37.17	36.32	35.60	35.74	36.17
27[b]	35.61	35.18	35.04	34.47	34.75	34.18	33.32	33.47	34.18	35.18	35.90	36.18	36.75	36.47	35.75
28	35.62	36.05	35.91	35.19	35.19	34.91	34.19	33.62	34.76	35.62	36.76	37.91	37.05	35.76	35.33
29	35.50	35.35	35.07	35.21	35.21	34.78	34.35	35.07	35.64	36.07	36.78	36.64	36.21	36.50	37.07
30	35.80	35.80	35.66	35.52	35.23	34.95	34.52	35.23	36.09	35.95	35.95	36.23	36.38	36.52	36.52
Mean	35.49	35.51	35.51	35.40	35.27	35.06	35.00	35.53	36.19	36.40	36.27	35.99	35.91	35.73	35.68
Mean[a]	35.42	35.48	35.45	35.39	35.11	34.93	34.93	35.39	35.93	36.25	36.19	35.94	35.71	35.45	35.16
Mean[b]	35.51	35.40	35.37	35.12	35.06	34.65	34.31	34.91	35.49	36.00	36.37	36.06	36.23	36.03	36.06

DECEMBER, 1917. 0° East plus tabular quantities.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	35.67	35.67	35.81	35.81	35.67	35.24	34.53	34.81	35.38	35.53	35.67	35.96	36.24	36.53	36.53
2	35.54	35.68	35.54	35.68	35.54	35.25	34.96	35.11	35.68	36.25	36.97	37.40	37.25	36.97	36.82
3	35.70	35.84	35.84	35.70	35.56	35.13	34.27	34.41	35.13	35.99	36.27	36.13	36.13	36.27	36.56
4	35.41	35.27	35.41	35.27	34.41	34.70	34.13	34.98	35.13	35.56	35.41	35.56	35.84	35.99	36.56
5	35.71	35.57	35.42	35.57	35.57	35.28	34.57	34.71	35.71	36.71	37.14	37.28	37.57	36.71	36.28
6	35.73	35.73	35.59	35.59	35.44	35.01	34.30	34.44	35.16	35.87	36.16	35.73	35.59	35.73	35.44
7	35.88	35.88	35.88	35.74	35.74	35.60	34.88	35.31	36.17	37.03	36.88	35.60	35.45	35.17	35.31
8[b]	36.05	36.05	35.90	35.76	35.62	35.33	34.04	33.61	34.33	36.47	37.48	37.19	36.05	35.62	35.62
9	35.91	36.06	35.63	35.91	35.34	35.77	34.48	34.34	34.63	36.20	36.91	35.77	35.63	35.48	35.34
10[a]	35.79	35.79	35.79	35.65	35.50	35.36	35.22	35.50	36.22	37.08	37.22	37.08	36.22	36.79	36.50
11	35.94	36.09	35.94	35.80	35.51	34.80	34.08	34.37	35.37	36.94	37.37	36.94	36.09	35.94	35.51
12	35.53	35.39	35.39	35.53	35.39	34.82	34.25	34.39	34.82	35.96	36.39	36.53	36.11	36.39	35.82
13[a]	35.97	35.97	35.83	35.69	35.40	34.97	33.97	34.26	34.54	35.83	36.83	35.97	35.69	35.83	35.83
14	35.85	35.85	35.99	35.85	35.71	35.28	34.56	34.99	35.56	35.99	36.28	36.14	35.85	35.71	35.56
15	35.57	35.72	35.57	35.57	35.29	34.43	33.86	34.29	35.00	36.15	37.29	37.43	36.86	36.72	36.29
16[b]	35.58	35.44	35.44	35.30	35.01	34.44	34.01	34.44	34.58	35.44	36.16	36.16	36.01	36.44	36.87
17[b]	37.18	36.18	35.75	35.60	34.03	32.60	33.03	33.89	34.46	34.75	34.32	34.46	35.32	37.03	37.46
18[b]	35.47	35.61	35.61	35.61	35.47	35.47	35.04	35.33	35.76	35.47	35.04	35.76	36.04	36.47	36.90
19	35.62	35.91	35.91	35.77	35.77	35.62	34.91	34.48	34.34	35.19					35.77
20	35.93	35.93	35.79	35.93	36.07	35.50	34.07	34.36	34.79	35.93	36.07	36.79	37.07	36.93	36.64
21	35.80	35.80	35.80	35.65	35.65	35.51	35.37	34.94	34.65	35.65	36.08	35.94	35.80	35.65	35.65
22[a]	35.82	35.82	35.82	35.82	35.67	35.67	35.53	36.10	36.10	36.25	37.10	37.39	36.96	35.96	35.39
23[a]	35.54	35.54	35.40	35.11	34.83	35.68	34.11	34.40	35.83	36.97	37.40	38.40	36.11	35.68	35.83
24	35.70	35.85	35.85	35.56	35.42	34.99	34.27	34.56	35.56	37.28	38.56	37.85	35.85	34.85	35.42
25	35.71	35.71	35.57	35.57	35.28	35.00	34.71	35.00	36.00	37.14	37.72	37.57	37.00	36.14	36.57
26[b]	36.02	36.02	35.88	35.59	35.02	34.88	34.02	34.45	35.16	36.02	36.88	36.02	35.45	35.88	35.59
27	36.17	35.89	35.17	34.46	35.60	35.03	34.46	34.60	35.89	36.17	37.17	37.46	37.46	36.74	36.17
28	35.91	35.91	35.62	35.48	35.33	35.05	34.19	33.90	34.48	35.91	37.05	36.91	36.34	36.19	36.19
29	35.77	35.63	35.63	35.49	35.20	34.77	34.49	34.77	35.92	37.20	37.78	38.06	37.63	37.63	37.20
30	35.94	35.94	35.79	35.79	35.65	34.94	34.36	33.65	34.79	36.22	37.37	37.51	37.51	37.22	36.94
31[a]	35.80	35.95	35.95	35.95	35.80	35.66	35.23	35.52	36.23	37.38	37.52	37.23	37.66	37.52	37.09
Mean	35.81	35.80	35.69	35.61	35.40	35.06	34.45	34.64	35.27	36.21	36.75	36.67	36.36	36.27	36.18
Mean[a]	35.78	35.81	35.76	35.64	35.44	35.27	34.81	35.16	35.78	36.70	37.21	37.21	36.53	36.36	36.13
Mean[b]	36.06	35.86	35.72	35.57	35.03	34.54	34.03	34.34	34.86	35.63	35.98	35.92	35.77	36.29	36.49

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF DECLINATION.

NOVEMBER, 1917. 0° East plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	
36.17	35.46	35.17	35.60	35.89	35.46	35.46	35.74	35.74	35.90	9	36	37.29	18	00	35.17	2.12	1
36.14	36.14	35.71	36.00	36.14	35.71	35.71	35.71	35.57	36.03	9	00	39.00	14	18	35.14	3.86	2
35.86	36.15	35.58	35.58	35.72	35.58	35.43	35.58	35.58	35.58	9	00	36.29	11	00	35.00	1.29	3
35.30	35.44	35.30	35.59	35.73	35.59	35.44	35.44	35.59	35.48	8	00	35.87	15	00	35.01	0.86	4
35.31	35.45	35.31	35.60	35.74	35.60	35.45	35.31	35.31	35.72	10	00	38.03	14	00	34.74	3.29	5
35.32	35.46	35.46	35.46	35.61	35.61	35.61	35.61	35.61	35.65	10	12	37.75	14	00	34.61	3.14	6
35.33	35.47	35.47	35.76	35.76	35.62	35.47	35.33	35.47	35.42	9	40	36.61	12	00	33.90	2.71	7
35.77	35.63	35.63	35.63	35.63	35.48	35.48	35.48	35.48	35.80	13	15	36.91	6	00	35.05	1.86	8
35.92	35.78	35.49	35.78	35.78	35.64	35.49	35.35	35.35	35.62	14	00	36.35	7	00	34.92	1.43	9
34.79	34.93	35.07	35.50	35.50	35.36	35.07	35.07	35.36	35.29	10	00	36.36	15	00	34.22	2.14	10
35.37	35.51	35.37	35.66	35.66	35.51	35.23	35.37	35.37	35.32	10	25	36.22	13	35	34.52	1.70	11
36.52	37.38	35.95	35.81	35.38	35.38	35.09	35.81	34.81	35.58	17	00	37.38	7	00	34.52	2.86	12
36.11	35.39	34.82	35.25	35.39	35.25	35.25	36.10	35.25	35.57	3	00	36.39	7	00	34.68	1.71	13
35.83	35.40	35.11	34.54	34.97	34.54	34.83	35.11	35.11	35.39	10	35	36.40	21	12	34.40	2.00	14
35.41	35.27	35.12	35.27	35.41	34.98	34.98	35.27	35.27	35.33	12	40	36.20	7	00	34.69	1.51	15
35.85	35.56	35.05	35.34	35.48	35.19	35.05	35.05	35.19	35.34	10	00	35.99	7	00	34.56	1.43	16
36.05	36.05	35.48	35.48	35.77	35.48	35.34	35.48	35.48	35.63	10	00	36.77	7	00	34.62	2.15	17
36.49	36.35	35.49	35.78	35.35	35.35	35.20	35.20	35.20	35.47	16	00	36.49	7	00	34.35	2.14	18
36.07	36.07	35.50	36.07	35.93	35.50	35.36	35.36	35.50	35.62	9	00	36.36	13	00	34.93	1.43	19
36.38	36.52	35.52	35.66	35.66	35.38	35.38	35.52	35.52	35.70	10	00	36.95	6	00	35.09	1.86	20
35.53	35.82	35.82	35.96	35.96	35.82	35.67	35.53	35.53	35.91	9	00	36.96	1	00	35.10	1.86	21
36.11	35.97	35.83	35.68	35.68	35.54	35.54	35.54	35.54	36.06	11	00	37.97	7	00	35.25	2.72	22
34.99	35.70	35.56	35.70	35.70	35.42	35.42	35.27	35.56	35.71	11	00	37.56	15	00	34.70	2.86	23
35.57	35.71	35.57	35.43	35.43	35.28	35.28	35.43	35.57	35.86	10	00	37.57	7	00	35.14	2.43	24
36.15	36.01	35.87	35.87	35.72	35.58	35.44	35.44	35.58	35.75	11	00	37.44	7	00	34.01	3.43	25
36.32	35.60	35.46	35.60	35.74	36.03	36.32	36.03	35.60	35.71	11	00	37.17	6	25	34.17	3.00	26
35.47	36.18	36.04	36.18	35.90	35.75	35.61	35.61	35.61	35.37	13	00	36.75	7	20	33.18	3.57	27
35.33	35.33	35.05	35.62	35.76	35.62	35.48	35.33	35.48	35.54	12	15	37.98	8	00	33.62	4.36	28
36.50	36.21	35.64	35.93	35.64	35.35	35.50	35.78	35.78	35.74	14	50	37.22	6	40	34.21	3.01	29
36.66	35.95	35.52	35.52	35.37	35.09	35.23	35.23	35.23	35.67	16	00	36.66	7	00	34.52	2.14	30
35.82	35.80	35.47	35.63	35.65	35.46	35.39	35.47	35.44	35.63	---		36.96	---		34.60	2.36	---
35.39	35.45	35.26	35.52	35.57	35.32	35.20	35.20	35.35	35.46	---		36.49	---		34.62	1.87	---
36.06	36.11	35.69	35.60	35.54	35.46	35.46	35.60	35.34	35.56	---		37.03	---		34.06	2.97	---

DECEMBER, 1917. 0° East plus tabular quantities.

′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	
36.53	36.67	35.96	35.81	35.67	35.53	35.53	35.67	35.67	35.75	17	00	36.67	7	00	34.53	2.14	1
36.68	36.68	35.97	36.11	35.97	35.54	35.54	35.68	35.68	36.02	12	25	37.47	7	10	34.89	2.58	3
36.70	36.27	35.84	35.70	36.13	35.99	35.70	35.41	35.13	35.74	16	00	36.70	7	15	34.20	2.50	2
36.70	36.27	35.99	36.13	36.27	36.13	35.99	35.84	35.70	35.61	16	00	36.70	7	00	34.13	2.57	4
36.42	36.28	35.71	35.85	36.00	35.71	35.57	35.42	35.71	35.94	13	00	37.57	7	00	34.57	3.00	5
35.59	36.02	35.87	35.73	35.87	35.87	35.73	35.73	35.73	35.57	11	10	36.23	6	25	34.23	2.00	6
35.74	35.88	35.74	35.88	36.03	35.88	35.74	35.88	35.88	35.80	10	40	37.10	7	00	34.88	2.22	7
36.05	36.33	36.19	36.05	35.90	35.90	35.76	35.76	35.76	35.78	11	39	37.91	7	35	33.54	4.37	8
35.91	35.77	35.77	35.63	35.63	35.77	35.77	35.77	35.77	35.63	11	00	36.91	8	00	34.34	2.57	9
36.79	36.36	35.79	35.79	35.65	35.65	35.79	35.79	35.93	36.05	11	00	37.22	7	00	35.22	2.00	10
35.80	36.23	36.09	36.23	36.23	36.09	35.94	35.80	35.80	35.87	11	24	37.44	7	15	34.00	3.44	11
35.82	35.96	35.68	35.82	35.82	35.68	35.68	35.82	35.82	35.62	13	42	36.96	7	20	34.18	2.78	12
35.83	35.69	35.54	35.40	35.83	35.54	35.54	35.69	35.83	35.56	11	00	36.83	7	00	33.97	2.86	13
35.71	35.85	35.85	35.99	35.85	35.71	35.56	35.42	35.56	35.69	11	20	36.35	7	00	34.56	1.79	14
36.43	36.43	36.29	36.43	36.29	36.15	36.00	35.86	35.72	35.90	11	33	37.50	7	00	33.86	3.64	15
36.44	36.16	35.87	36.01	36.01	35.87	35.73	35.73	36.87	35.67	18	15	37.44	6	36	33.97	3.47	16
37.32	36.89	36.18	35.89	35.75	35.89	35.60	35.60	35.46	35.44	14	42	37.60	6	06	32.32	5.28	17
37.33	37.04	37.04	37.19	35.47	35.90	35.76	35.47	35.47	35.90	16	15	37.40	11	20	34.97	2.43	18
35.91	36.20	35.91	35.77	35.91	35.77	35.62	35.77	35.91	---	---	---	---	---	---	---	---	19
37.22	36.93	36.36	36.50	36.22	36.07	35.93	35.93	35.79	36.03	16	24	37.50	7	00	34.07	3.43	20
36.37	36.80	35.94	35.94	35.94	35.80	35.65	35.51	35.65	35.73	15	00	36.80	9	00	34.65	2.15	21
35.67	35.82	35.53	35.82	35.82	35.82	35.67	35.53	35.53	35.94	11	30	37.46	15	06	35.32	2.14	22
35.68	35.54	35.68	35.68	35.83	35.97	35.83	35.83	35.68	35.73	12	00	38.40	7	00	34.11	4.29	23
35.85	36.13	35.70	35.99	35.99	35.85	35.70	35.70	35.70	35.84	11	15	38.63	7	10	34.20	4.43	24
37.00	36.57	36.00	36.00	36.00	35.86	35.86	36.00	36.14	36.09	11	00	37.72	7	00	34.71	3.01	25
35.88	36.59	36.16	36.16	36.02	36.02	35.88	36.16	36.16	35.75	10	45	36.95	7	06	33.95	3.00	26
36.03	36.03	35.74	35.89	36.03	36.03	35.89	35.74	35.74	35.90	12	30	37.53	4	10	34.18	3.35	27
36.48	36.34	36.05	35.91	36.05	36.05	35.91	35.76	35.76	35.78	11	27	37.12	7	24	33.83	3.29	28
37.20	37.06	36.06	36.20	36.06	35.92	35.92	36.06	36.06	36.24	11	57	38.13	7	00	34.49	3.64	29
36.51	36.22	35.94	36.08	36.08	35.94	35.79	35.65	35.65	35.98	11	55	37.58	8	00	33.65	3.93	30
36.66	36.38	36.09	36.09	35.95	35.80	35.95	35.95	36.09	36.31	13	30	37.73	7	00	35.23	2.50	31
36.33	36.30	35.95	35.99	35.94	35.86	35.76	35.74	35.79	35.83	---		37.32	---		34.29	3.03	---
36.13	35.96	35.73	35.76	35.82	35.76	35.76	35.76	35.81	35.92	---		37.53	---		34.77	2.76	---
36.60	36.60	36.29	36.26	35.83	35.92	35.75	35.74	35.94	35.71	---		37.46	---		33.75	3.71	---

HOURLY VALUES OF HORIZONTAL INTENSITY.

JANUARY, 1917. 30000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8067	8080	8082	8082	8084	8087	8091	8094	8104	8111	8117	8116	8108	8094	8091
2[a]	8084	8082	8081	8080	8086	8086	8086	8097	8114	8132	8132	8133	8118	8102	8087
3	8075	8078	8070	8081	8073	8078	8085	8088	8104	------	------	------	------	------	------
4[b]	8076	8077	8078	8084	8086	8089	8093	8101	8107	8111	8118	8104	8102	8145	8146
5[b]	7955	7993	7944	7951	7996	7961	7981	7999	8002	8003	7983	7976	7968	7977	7970
6	7989	7994	8011	8015	8020	8021	8037	8043	8053	8069	8077	8067	8062	8059	8054
7	8050	8065	8056	8054	8070	8077	8064	8069	8072	8078	8087	8089	8080	8078	8077
8	8058	8058	8066	8065	8068	8067	8066	8079	8086	8083	8085	8071	8068	8067	8065
9	8074	8067	8080	8073	8061	8074	8065	8072	8067	8085	8098	8103	8101	8103	8093
10	8075	8083	8079	8079	8071	8083	8078	8083	8075	8100	8105	8100	8102	8089	8091
11	8082	8089	8087	8086	8083	8084	8086	8093	8107	8116	8137	8129	8130	8120	8107
12[b]	8098	8090	8092	8091	8090	8091	8091	8104	8119	8129	8136	8129	8115	8098	8095
13	8087	8111	8088	8103	8096	8095	8099	8106	8124	8134	8133	8129	8123	8120	8106
14	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
15	------	------	------	------	------	------	------	------	------	------	------	------	8117	8107	8094
16	8080	8083	8081	8082	8080	8080	8079	8086	8104	8121	------	------	------	------	------
17	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
18	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
19	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
20	8067	8064	8062	8062	8071	8063	8061	8060	8070	8086	8097	8092	8085	8075	8068
21	8062	8052	8056	8060	8063	8082	8081	8072	8071	8079	8089	8088	8090	8106	8079
22[b]	8060	8060	8063	8056	8060	8063	8072	8083	8093	8109	8108	8098	8087	8076	8062
23[b]	8050	8059	8070	8062	8057	8073	8078	8088	8094	8103	8121	8107	8111	8110	8097
24	8063	8061	8063	8059	8061	8070	8070	8081	8088	8102	8087	8091	8089	8078	8081
25	8069	8074	8090	8083	8078	8081	8089	8103	8123	8146	8147	8119	8111	8097	8086
26	8066	8064	8084	8069	8067	8073	8084	8088	8106	8125	8123	8118	8114	8100	8090
27[a]	8074	8076	8077	8081	8080	8084	8090	8092	8103	8124	8149	8140	8132	8120	8108
28[a]	8079	8080	8084	8086	8089	8085	8093	8102	8123	8138	8148	8146	8140	8129	8124
29[a]	8100	8101	8101	8100	8101	8112	8119	8134	8151	8167	8184	8177	8153	8149	8133
30[a]	8114	8123	8115	8115	8115	8117	8116	8135	8148	8169	8178	8171	8165	8146	8146
31	8123	8118	8119	8124	8123	8131	8137	8141	8161	8179	8183	8191	8182	8164	8150
Mean	8068	8072	8072	8072	8074	8077	8080	8088	8099	8112	8118	8112	8106	8100	8093
Mean[a]	8090	8092	8092	8092	8094	8097	8101	8112	8128	8146	8158	8153	8142	8129	8120
Mean[b]	8048	8056	8049	8049	8058	8055	8063	8075	8083	8091	8093	8083	8077	8081	8074

[a] Five international quiet days; January 2, 27 and 30 used instead of January 3, 15 and 18.
[b] Five international disturbed days.

FEBRUARY, 1917. 30000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1[a]	8104	8108	8103	8100	8098	8098	8099	8107	8129	8153	8170	8149	8130	8117	8110
2	8095	8102	8099	8095	8097	8100	8105	8110	8129	8142	8152	8154	8148	8140	8131
3	8108	8106	8106	8108	8113	8113	8122	8127	8145	8166	8172	8153	8152	8142	8132
4	8117	8114	8112	8121	8118	8115	8121	8129	8142	8160	8162	8161	8152	8147	8138
5[b]	8113	8116	8113	8121	8123	8118	8128	8135	8147	8168	8158	8157	8140	8128	8124
6	8101	8091	8090	8085	8083	8088	8096	8096	8106	8121	8134	8136	8130	8119	8103
7[b]	8091	8094	8099	8092	8094	8094	8101	8106	8110	8123	8134	8138	8124	8115	8107
8[b]	8090	8083	8095	8092	8090	8089	8090	8097	8091	8096	8107	8118	8120	8106	8104
9[a]	8074	8078	8077	8078	8088	8087	8095	8104	8117	8135	8149	8149	8137	8121	8110
10	8069	8068	8073	8074	8069	8070	8071	8079	8090	8109	8114	8113	8096	8090	8078
11	8057	8052	8049	8048	8057	8059	8063	8072	8087	8099	8099	8098	8097	8083	8061
12[a]	8045	8043	8047	8048	8045	8048	8052	8062	8078	8092	8103	8099	8088	8078	8066
13[a]	8034	8033	8033	8034	8033	8038	8044	8058	8072	8094	8100	8099	8090	8072	8051
14	8021	8029	8025	8023	8019	8019	8026	8040	8053	8072	8083	8081	8074	8068	8058
15	8026	8020	8019	8011	8025	8022	8020	8018	8020	------	------	------	------	------	------
16[b]	8036	8031	8026	8031	8030	8030	8028	8031	8045	8058	8065	8058	8048	8042	8045
17	8035	8034	8032	8031	8032	8037	8047	8052	------	------	------	------	------	------	------
18	------	------	------	8015	8014	8012	8011	8015	------	------	------	------	------	------	------
19	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
20	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
21	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
22	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
23[b]	8015	8021	8027	8036	8043	8053	8057	8062	8082	8111	8119	8113	8119	8093	8079
24	8048	8043	8042	8043	8044	8044	8045	8060	8077	8087	8091	8101	8088	8065	8062
25	8040	8038	8040	8039	8045	8047	8059	8075	------	------	------	------	------	8065	8062
26	8046	8049	8051	8056	8057	8056	8062	8079	8092	8109	8125	8126	8114	8101	8071
27[a]	8039	8040	8044	8045	8050	8056	8071	8092	8111	8128	8141	8138	8131	8122	8104
28	8062	8058	8060	8059	8059	8062	8073	8091	------	------	------	------	------	------	------
Mean	8064	8063	8064	8062	8064	8065	8070	8079	8096	8117	8125	8123	8115	8101	8090
Mean[a]	8059	8060	8061	8061	8063	8065	8072	8085	8101	8120	8133	8127	8115	8102	8088
Mean[b]	8069	8069	8072	8074	8076	8077	8081	8086	8095	8111	8117	8117	8110	8097	8092

[a] Five international quiet days.
[b] Five international disturbed days; February 5, 7, 8 and 23 used instead of February 15, 18, 19 and 20.

HOURLY VALUES OF HORIZONTAL INTENSITY.

JANUARY, 1917. 30000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8096	8097	8093	8092	8082	8063	8054	8065	8070	8088	10	50	8119	21	55	8053	66	1
8085	8088	8090	8090	8088	8085	8082	8080	8076	8094	12	00	8133	24	00	8076	57	2
------	------	8063	8068	8071	8068	8074	8075	8078	------								3
8139	8101	8071	7996	8002	7951	7950	7938	7986	8069	14	15	8153	23	20	7935	218	4
7969	7968	7971	7978	7975	7964	7969	7988	7984	7976	9	50	8015	3	18	7924	91	5
8053	8050	8053	8028	8030	8041	8056	8049	8044	8041	11	00	8077	0	01	7984	93	6
8081	8082	8077	8084	8063	8042	8051	8050	8069	8069	11	16	8084	21	07	8041	43	7
8067	8068	8056	8060	8063	8065	8056	8068	8070	8068	11	31	8081	17	30	8054	27	8
8085	8073	8068	8077	8077	8075	8072	8075	8077	8079	13	20	8107	5	04	8059	48	9
8092	8089	8085	8087	8087	8085	8083	8080	8084	8086	11	15	8111	1	36	8067	44	10
8101	8092	8091	8088	8089	8083	8085	8083	8090	8097	11	00	8137	1	00	8082	55	11
8086	8081	8080	8083	8083	8085	8094	8092	8086	8097	11	00	8136	17	24	8074	62	12
8103	------	------	------	------	------	------	------	------	------								13
------	------	------	------	------	------	------	------	------	------								14
8085	8078	8076	8076	8076	8075	8075	8073	8078	------								15
------	------	------	------	------	------	------	------	------	------								16
------	------	------	------	------	------	------	------	------	------								17
------	------	------	------	------	------	------	------	------	------								18
8052	8047	8054	8052	8055	8054	8061	8081	8070	------								19
8070	8071	8065	8062	8070	8073	8077	8070	8064	8071	11	00	8097	21	40	8055	42	20
8096	8093	8090	8087	8086	8078	8059	8059	8056	8077	14	00	8106	22	34	8051	55	21
8052	8058	8054	8065	8064	8053	8054	8072	8069	8070	10	06	8111	20	30	8043	68	22
8086	8087	8094	8083	8064	8061	8046	8035	8055	8079	10	45	8126	22	48	8030	96	23
8081	8081	8082	8081	8080	8077	8076	8068	8075	8077	9	42	8104	0	01	8056	48	24
8089	8064	8070	8078	8073	8076	8078	8079	8079	8091	11	00	8147	17	17	8062	85	25
8071	8075	8074	8075	8083	8061	8063	8079	8076	8084	10	18	8134	20	54	8059	75	26
8101	8095	8096	8090	8086	8085	8098	8079	8082	8098	11	00	8149	1	00	8074	75	27
8113	8107	8105	8105	8104	8103	8103	8103	8103	8108	11	15	8150	0	36	8077	73	28
8132	8125	8105	8111	8112	8116	8116	8116	8115	8126	11	00	8184	1	22	8097	87	29
8133	8128	8120	8121	8112	8116	8113	8116	8114	8131	10	45	8180	20	45	8107	73	30
8134	8136	8131	8121	8115	8108	8108	8114	8116	8138	12	11	8194	21	10	8104	90	31
8087	8081	8077	8075	8073	8067	8067	8069	8072	8083	---		8123	---		8050	73	------
8113	8109	8103	8103	8100	8101	8102	8099	8098	8111	---		8159	---		8086	73	------
8066	8059	8054	8041	8038	8023	8023	8025	8036	8058	---		8108	---		8001	107	------

FEBRUARY, 1917. 30000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8107	8104	8104	8101	8099	8096	8092	8098	8098	8111	11	00	8170	22	25	8090	80	1
8124	8118	8115	8115	8118	8115	8113	8108	8111	8118	11	48	8157	0	27	8094	63	2
8129	8126	8123	8120	8116	8112	8115	8113	8118	8127	10	40	8175	1	46	8104	71	3
8130	8125	8123	8117	8122	8118	8119	8115	8117	8129	11	07	8164	3	00	8112	52	4
8126	8121	8119	8118	8116	8109	8109	8096	8092	8125	11	40	8169	24	00	8092	77	5
8101	8107	8109	8106	8098	8093	8092	8088	8089	8103	12	00	8136	5	00	8083	53	6
8106	8098	8100	8099	8094	8094	8086	8092	8091	8103	12	35	8140	21	45	8084	56	7
8098	8088	8085	8081	8078	8073	8075	8072	8071	8091	12	12	8122	24	00	8071	51	8
8099	8091	8088	8083	8082	8081	8079	8079	8077	8098	11	27	8150	0	01	8071	79	9
8077	8074	8071	8070	8065	8065	8062	8066	8068	8078	11	25	8118	22	40	8060	58	10
8060	8058	8061	8061	8060	8059	8054	8049	8042	8066	10	37	8100	24	00	8042	58	11
8060	8061	8058	8053	8050	8045	8039	8038	8035	8060	11	00	8103	23	45	8034	69	12
8043	8042	8045	8044	8043	8036	8025	8019	8019	8050	11	00	8100	22	50	8018	82	13
8043	8033	8019	8017	8026	8027	8027	8026	8027	8039	11	00	8083	19	00	8017	66	14
------	------	------	------	------	------	------	------	------	------								15
8044	8048	8048	8047	8047	8044	8041	8040	8036	8042	11	00	8065	3	00	8026	39	16
------	------	------	------	------	------	------	------	------	------								17
------	------	------	------	------	------	------	------	------	------								18
------	------	------	------	------	------	------	------	------	------								19
------	------	------	------	------	------	------	------	------	------								20
------	------	------	------	------	------	------	------	------	------								21
------	------	------	------	------	------	8009	8011	8010	------								22
8071	8064	8056	8054	8048	8048	8056	8045	8040	8063	10	55	8120	0	01	8010	110	23
8053	8058	8054	8042	8038	8039	8038	8042	8044	8056	12	00	8101	20	05	8037	64	24
8060	8053	8053	8056	8056	8055	8051	8048	8045	------								25
8071	8072	8071	8064	8053	8044	8038	8036	8037	8070	12	00	8126	23	00	8036	90	26
8089	8076	8062	8064	8065	8062	8061	8061	8064	8080	11	00	8141	0	01	8037	104	27
------	------	------	------	------	------	------	------	8054	------								28
8085	8081	8078	8076	8074	8071	8066	8064	8063	8085	---		8128	---		8059	69	------
8080	8075	8071	8069	8068	8064	8059	8059	8059	8080	---		8133	---		8050	83	------
8089	8084	8082	8080	8077	8074	8073	8069	8066	8085	---		8123	---		8057	66	------

HOURLY VALUES OF HORIZONTAL INTENSITY.

MARCH, 1917. 30000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8054	8052	8055	8060	8063	8068	8072	8081	8092	8100	8113	8115	8113	8105	8097
2 [a]	8060	8056	8055	8055	8055	8059	8063	8078	8095	8114	8126	8126	8121	8110	8101
3 [a]	8054	8058	8058	8056	8060	8063	8075	8092	8113	8137	8149	8150	8138	8111	8102
4 [b]	8063	8065	8065	8068	8067	8069	8075	8082	8095	8109	8135	8145	8133	8118	8108
5 [b]	8026	8036	8055	8054	8048	8043	8052	8073	8094	8116	8135	8125	8092	8075	8004
6	8011	8029	8020	8017	8025	8020	8031	8050	8081	8097	8094	8099	8092	8075	8055
7	8017	8025	8015	8011	8016	8020	8033	8050	8070	8080	8092	8079	8071	8058	8046
8 [b]	8013	8012	8011	8017	8022	8018	8023	8037	8057	8079	8085	8074	8067	8064	8044
9	8003	8004	8007	8011	8011	8002	8001	8030	8051	8071	8074	8057	8054	8040	8026
10	8013	8012	8009	8010	8014	8016	8031	8050	8076	8107	8116	8107	8084	8072	8040
11	8008	8004	8005	8012	8012	8019	8028	8038	8058	8080	8104	8091	8073	8059	8048
12	8017	8016	8020	8021	8020	8023	8034	8050	8066	8098	8122	8115	8113	8089	8059
13	8003	8003	8005	8003	8005	8009	8013	8017	8038	8060	8077	8078	8058	8038	8020
14	8002	7990	7994	7996	7999	8003	8018	8023	8054	8084	8087	8082	8071	8060	8046
15	8015	8018	8021	8016	8021	8016	8025	8037	8058	8088	8102	8102	8099	8081	8067
16	8004	8021	8014	8021	8022	8017	8027	8046	8061	8084	8105	8100	8078	8062	8049
17	8030	8036	8043	8050	8048	8050	8057	8072	8087	8114	8127	8127	8127	8097	8089
18	8047	8050	8051	8057	8058	8057	8062	8072	8087	8105	8125	8131	8118	8104	8086
19	8051	8052	8052	8058	8057	8058	8063	8077	8095	8114	8128	8132	8131	8120	8112
20	8058	8063	8060	8064	8069	8072	8073	8083	8100	8120	8132	8141	8147	8136	8129
21 [b]	8071	8070	8071	8087	8082	8072	8083	8091	8101	8117	8118	8126	8121	8117	8087
22	8065	8078	8069	8072	8073	8076	8082	8096	8111	8132	8136	8130	8121	8106	8096
23	8062	8062	8061	8069	8071	8069	8072	8078	8105	8119	8134	8127	8105	8098	8087
24	8065	8061	8063	8066	8066	8072	8078	8093	8122	8144	8156	8158	8150	8132	8113
25 [b]	8071	8073	8074	8074	8078	8078	8087	8104	8119	8148	8177	8158	8150	8125	8112
26	8042	8037	8038	8041	8042	8048	8059	8068	8080	8109	8137	8141	8133	8122	8096
27	8059	8057	8058	8059	8062	8063	8071	8085	8106	8136	8159	8159	8140	8137	8117
28 [a]	8053	8046	8051	8050	8049	8055	8070	8086	8108	8133	8152	8145	8133	8123	8110
29 [a]	8070	8069	8068	8068	8069	8071	8081	8091	8110	8134	8154	8154	8143	8129	8109
30 [a]	8064	8067	8071	8070	8075	8074	8076	8090	8105	8132	8145	8145	8140	8123	8112
31	8073	8072	8074	8076	8075	8079	8086	8098	8119	8153	8171	8170	8164	8149	8132
Mean	8040	8042	8042	8045	8046	8047	8055	8068	8088	8110	8125	8122	8112	8098	8081
Mean [a]	8060	8059	8061	8060	8062	8064	8073	8087	8106	8130	8145	8144	8135	8119	8107
Mean [b]	8049	8051	8055	8060	8059	8056	8064	8077	8093	8114	8130	8126	8113	8100	8071

APRIL, 1917. 30000 γ plus tabular quantities.

	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8077	8077	8082	8080	8078	8083	8095	8106	8129	8145	8156	8164	8158	8143	8117
2	8074	8074	8076	8074	8074	8076	8076	8088	8105	8108	8125	8129	8131	8099	8062
3 [b]	8062	8057	8058	8070	8066	8066	8074	8081	8102	8136	8147	8122	8134	8119	8104
4	8061	8052	8057	8065	8052	8049	8055	8069	8079	8112	8121	8115	8101	8097	8087
5 [b]	8054	8058	8060	8062	8063	8067	8077	8085	8111	8126	8151	8144	8120	8121	8111
6 [b]	8031	8036	8034	8044	8039	8041	8050	8068	8089	8107	8129	8119	8105	8086	8093
7	8042	8041	8035	8033	8046	8044	8058	8074	8095	8111	8126	8116	8107	8094	8086
8	8050	8051	8053	8056	8055	8048	8053	8055	8069	8095	8103	8104	8103	8087	8076
9								8066	8073	8093	8107	8091	8093	8095	8070
10 [a]	8038	8031	8034	8026	8034	8039	8051	8060	8092	8109	8124	8117	8110	8096	8091
11 [a]	8059	8065	8071	8069	8067	8066	8072	8084	8111	8132	8139	8140	8135	8122	8104
12	8069	8073	8073	8075	8071	8069	8073	8084	8099	8119	8137	8135	8131	8126	8113
13	8073	8076	8079	8068	8063	8072	8080	8096	8108	8133	8145	8159	8153	8146	8124
14 [a]	8061	8066	8070	8073	8073	8074	8078	8079	8099	8126	8143	8144	8141	8129	8112
15									8108	8140	8152	8155	8157	8143	8120
16 [b]	8060	8062	8068	8071	8075	8069	8070	8078	8096	8114	8142	8137	8119	8090	8065
17	8041	8045	8046	8046	8046	8042	8043	8044	8067	8081	8087	8093	8087	8081	8077
18	8052	8053	8055	8060	8057	8074	8071	8066	8097	8116	8128	8132	8113	8109	8103
19	8049	8054	8057	8057	8064	8056	8059	8074	8095	8114	8133	8121	8117	8105	8094
20 [a]	8052	8053	8056	8057	8055	8053	8054	8071	8093	8115	8135	8141	8135	8122	8116
21	8061	8062	8062	8062	8065	8070	8071	8084	8112	8140	8154	8155	8145	8128	8103
22	8072	8069	8070	8075	8074	8080	8094	8102	8125	8147	8167	8165	8156	8119	8113
23	8070	8070	8074	8072	8072	8074	8077	8089	8107	8116	8138	8153	8150	8140	8120
24	8068	8067	8068	8071	8069	8068	8076	8096	8114	8135	8131	8132	8126	8112	8111
25	8073	8071	8071	8074	8074	8079	8086	8097	8119	8131	8142	8143	8142	8135	8117
26 [b]	8092	8098	8096	8087	8092	8091	8100	8110	8135	8159	8175	8166	8137	8131	8089
27 [a]	8043	8031	8045	8036	8032	8040	8049	8057	8078	8108	8119	8115	8115	8089	8084
28	8051	8053	8054	8054	8052	8055	8066	8078	8101	8127	8142	8144	8135	8118	8096
29	8067	8069	8072	8071	8072	8073	8087	8106	8116	8135	8149	8141	8114	8100	8088
30	8051	8054	8055	8058	8061	8076	8082	8094	8120	8151	8139	8135	8100	8089	8073
Mean	8059	8060	8062	8062	8062	8064	8071	8081	8101	8123	8136	8134	8126	8112	8097
Mean [a]	8051	8049	8055	8052	8052	8054	8061	8070	8095	8118	8132	8131	8127	8112	8101
Mean [b]	8060	8062	8063	8067	8067	8067	8074	8084	8107	8128	8149	8138	8123	8109	8092

[a] Five international quiet days. [b] Five international disturbed days; April 3 used instead of April 9.

HOURLY VALUES OF HORIZONTAL INTENSITY.

MARCH, 1917. 30000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8084	8075	8070	8064	8071	8059	8055	8055	8057	8076	12	00	8115	2	00	8052	63	1
8086	8076	8070	8064	8052	8063	8062	8060	8057	8078	11	36	8128	20	00	8052	76	2
8087	8081	8082	8075	8081	8069	8060	8064	8066	8087	11	15	8151	1	00	8054	97	3
8096	8091	8086	8087	8096	8092	8065	8049	8025	8087	12	00	8145	23	44	8019	126	4
8012	8000	8013	8021	8024	8024	8019	8025	8014	8049	11	40	8141	16	45	7998	143	5
8034	8023	8036	8019	8026	8024	8023	8012	8013	8042	12	00	8099	1	10	8007	92	6
8036	8036	8031	8023	8018	8019	8021	8022	8019	8038	10	28	8103	0	15	8009	94	7
8013	8011	8009	8000	7998	8000	8018	8003	8000	8028	11	38	8087	20	00	7998	89	8
8019	8018	8022	8015	8014	8013	8007	8008	8014	8024	10	40	8075	0	17	8000	75	9
8023	8021	8017	8003	8006	8006	8014	8013	8010	8036	11	00	8116	19	00	8003	113	10
8038	8035	8036	8034	8036	8030	8016	8016	8018	8037	11	16	8106	1	50	8003	103	11
8032	8028	8029	8029	8023	8016	8016	8015	8005	8044	11	00	8122	24	00	8005	117	12
8002	7995	7987	7975	7953	7953	7970	7981	7987	8010	11	40	8082	20	10	7951	131	13
8037	8035	8032	8024	8021	8017	8015	8015	8016	8030	10	49	8099	1	48	7987	112	14
8047	8040	8031	8033	8029	8033	8035	8016	8009	8043	11	18	8104	24	00	8009	95	15
8032	8028	8033	8032	8034	8037	8035	8036	8034	8042	11	00	8105	1	00	8004	101	16
8081	8075	8068	8061	8058	8051	8048	8046	8045	8070	11	20	8129	1	00	8030	99	17
8068	8057	8055	8050	8043	8040	8046	8047	8049	8069	11	55	8132	21	00	8040	92	18
8104	8101	8084	8073	8065	8068	8072	8071	8069	8084	12	00	8132	1	00	8051	81	19
8120	8113	8112	8087	8083	8085	8080	8075	8074	8095	13	00	8147	1	00	8058	89	20
8069	8065	8069	8072	8066	8068	8066	8067	8071	8084	11	33	8134	17	00	8065	69	21
8084	8077	8070	8067	8070	8063	8070	8062	8065	8086	11	19	8140	21	28	8059	81	22
8059	8059	8069	8057	8063	8055	8068	8066	8065	8078	11	24	8139	21	18	8053	86	23
8090	8075	8085	8076	8070	8073	8073	8071	8073	8093	11	14	8160	2	00	8061	99	24
8083	8079	8080	8074	8071	8055	8050	8029	8035	8091	11	00	8177	23	00	8029	148	25
8086	8082	8074	8067	8062	8061	8060	8061	8060	8075	12	00	8141	1	33	8029	112	26
8102	8095	8091	8081	8068	8057	8058	8052	8066	8089	11	42	8161	22	48	8049	112	27
8098	8092	8089	8081	8080	8075	8072	8070	8069	8087	11	13	8153	2	32	8042	111	28
8103	8097	8092	8080	8078	8076	8075	8067	8062	8094	11	28	8156	24	00	8062	94	29
8101	8095	8096	8095	8088	8074	8068	8069	8070	8094	11	15	8148	1	00	8064	84	30
8115	8105	8101	8097	8091	8087	8079	8072	8073	8105	11	43	8174	23	34	8069	105	31
8066	8060	8059	8052	8050	8047	8046	8042	8042	8066	---		8129	---		8029	100	---
8095	8088	8086	8079	8076	8071	8067	8066	8065	8088	---		8147	---		8055	92	---
8055	8049	8051	8051	8051	8046	8044	8035	8029	8068	---		8137	---		8022	115	---

APRIL, 1917. 30000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8102	8093	8085	8082	8079	8074	8071	8069	8071	8101	12	33	8170	23	06	8067	103	1
8074	8071	8072	8072	8067	8064	8061	8060	8066	8082	11	45	8144	22	20	8058	86	2
8104	8097	8081	8074	8068	8082	8056	8052	8055	8086	10	48	8150	23	00	8052	98	3
8067	8065	8063	8057	8064	8048	8051	8051	8052	8070	10	28	8125	20	42	8046	79	4
8093	8067	8070	8050	8033	8019	8040	8038	8044	8078	10	50	8153	20	35	8017	136	5
8077	8057	8030	8047	8040	8037	8045	8048	8049	8063	10	50	8132	18	00	8030	102	6
8072	8061	8051	8055	8050	8052	8049	8045	8043	8066	11	00	8126	1	36	8030	96	7
8061	8058	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8
8030	7982	7997	7977	7972	7984	8012	8016	8024	---	---	---	---	---	---	---	---	9
8085	8074	8069	8063	8061	8060	8059	8062	8062	8069	11	00	8124	0	01	8024	100	10
8094	8088	8087	8080	8075	8075	8072	8070	8069	8089	11	10	8141	0	36	8057	84	11
8098	8097	8095	8084	8073	8076	8077	8075	8074	8092	11	00	8137	0	09	8068	69	12
8092	8076	8072	8072	8064	8065	8064	8065	8059	8092	12	00	8159	24	00	8059	100	13
8101	8093	8089	8083	8084	8079	8073	8070	8063	8092	11	06	8145	0	01	8059	86	14
8104	8089	8058	8068	8072	8070	8067	8065	8060	---	---	---	---	---	---	---	---	15
8058	8060	8060	8028	8034	8037	8041	8055	8041	8072	11	15	8144	19	20	8024	120	16
8070	8059	8058	8054	8056	8054	8056	8053	8057	8060	12	06	8095	0	01	8040	55	17
8094	8082	8074	8070	8058	8049	8055	8057	8052	8078	11	18	8140	21	00	8049	91	18
8083	8077	8073	8069	8063	8058	8054	8053	8051	8076	11	36	8135	0	15	8047	88	19
8100	8090	8082	8078	8075	8071	8066	8062	8060	8083	11	35	8142	0	01	8051	91	20
8093	8084	8086	8079	8078	8075	8070	8069	8066	8091	11	08	8157	0	01	8060	97	21
8104	8096	8095	8088	8080	8078	8077	8076	8075	8100	11	50	8169	0	01	8066	103	22
8115	8091	8091	8082	8081	8071	8067	8066	8064	8094	12	18	8155	24	00	8064	91	23
8092	8087	8086	8084	8080	8076	8071	8070	8083	8091	10	06	8136	0	01	8064	72	24
8107	8094	8094	8084	8077	8068	8068	8077	8085	8096	12	00	8143	21	42	8066	77	25
8044	8026	8041	8054	8043	8024	8018	8031	8031	8086	11	00	8175	21	33	7997	178	26
8079	8073	8069	8070	8065	8061	8059	8055	8055	8068	11	18	8121	2	10	8029	92	27
8077	8079	8075	8074	8073	8069	8072	8067	8067	8082	12	00	8144	1	00	8051	93	28
8069	8055	8043	8053	8053	8052	8047	8045	8044	8080	11	20	8151	17	45	8040	111	29
8051	8042	8036	8029	8016	8013	8012	8010	8028	8066	10	00	8151	22	20	8006	145	30
8083	8072	8068	8064	8060	8057	8056	8056	8057	8082	---		8143	---		8045	98	---
8092	8084	8079	8075	8072	8069	8066	8064	8062	8080	---		8135	---		8044	91	---
8075	8061	8056	8051	8044	8040	8040	8045	8044	8077	---		8151	---		8024	127	---

HOURLY VALUES OF HORIZONTAL INTENSITY.

MAY, 1917. 30000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1[b]	8028	8043	8046	8045	8043	8052	8086	8103	8117	8134	8127	8123	8130	8106	8101
2[b]	8049	8058	8059	8042	8031	8035	8037	8043	8066	8067	8087	8081	8082	8048	8029
3[b]	8012	8018	8017	8018	8016	8026	8037	8058	8077	8069	8078	8080	8058	8062	8068
4	8035	8026	8036	8038	8039	8047	8050	8055	8063	8077	8098	8076	8073	8065	8059
5	8038	8037	8037	8037	8037	8041	8046	8061	8083	8093	8091	8088	8083	8076	8051
6[a]	8039	8042	8043	8043	8042	8042	8049	8063	8080	8096	8102	8100	8094	8088	8080
7	8050	8048	8050	8049	8047	8049	8050	8057	8070	8079	8079	8076	8070	8079	8067
8[a]	8045	8044	8043	8044	8046	8050	8062	8069	8083	8104	8116	8118	8118	8116	8103
9	8055	8058	8063	8063	8069	8074	8082	8096	8109	8122	8129	8136	8128	8118	8107
10	8042	8043	8061	8056	8053	8060	8067	8071	8092	8105	8122	8127	8128	8116	8102
11	8064	8064	8063	8062	8070	8074	8081	8098	8103	8113	8112	8117	8107	8100	8083
12	8048	8051	8049	8046	8047	8046	8051	8062	8079	8092	8105	8115	8115	8107	8103
13[a]	8060	8062	8063	8066	8067	8058	8063	8068	8081	8101	8106	8112	8107	8087	8078
14	8067	8066	8064	8061	8063	8067	8077	8081	8089	8106	8108	8112	8104	8098	8080
15	8043	8046	8045	8053	8057	8051	8066	8074	8087	8103	8114	8121	8114	8104	8090
16	8041	8044	8047	8045	8051	8055	8067					8135	8134	8153	8083
17	8011	8014	8015	8015	8019	8025	8036	8052	8063	8076	8090	8082	8078	8088	8091
18	8037	8041	8045	8044	8045	8045	8053	8061	8074	8093	8107	8110	8112	8108	8104
19[a]	8047	8048	8051	8050	8050	8053	8063	8078	8092	8099	8116	8119	8108	8100	8078
20[a]	8058	8056	8054	8057	8059	8062	8067	8074	8084	8102	8117	8122	8119	8110	8094
21	8056	8052	8050	8050	8053	8056	8069	8076	8086	8098	8113	8112	8114	8113	8099
22	8068	8067	8069	8064	8064	8068	8074	8084	8095	8115	8114	8118	8117	8117	8099
23	8042	8060	8053	8055	8057	8057	8060	8070	8091	8097	8114	8121	8121	8111	8094
24	8063	8063	8058	8053	8052	8052	8060	8077	8091	8113	8127	8135	8135	8125	8106
25	8062	8059	8060	8063	8062	8066	8070	8082	8092	8111	8123	8120	8119	8111	8097
26	8068	8070	8062	8066	8067	8069	8080	8084	8093	8102	8109	8115	8115	8112	8098
27	8054	8057	8057	8056	8061	8064	8073	8091	8099	8114	8125	8110	8117	8087	8081
28[b]	8043	8046	8047	8043	8048	8048	8060	8082	8069	8088	8087	8081	8077	8071	8067
29[b]	8037	8045	8043	8042	8037	8045	8060	8073	8083	8078	8086	8086	8067	8066	8054
30	8042	8043	8042	8050	8049	8047	8047	8063	8068	8079	8106	8094	8089	8093	8084
31	8048	8047	8049	8051	8050	8051	8067	8078	8091	8101	8117	8122	8111	8098	8084
Mean	8047	8049	8050	8049	8050	8053	8062	8073	8085	8098	8108	8109	8105	8098	8084
Mean[a]	8050	8050	8051	8052	8053	8053	8061	8070	8084	8100	8111	8114	8109	8100	8087
Mean[b]	8034	8042	8042	8038	8035	8041	8056	8072	8082	8087	8093	8090	8083	8071	8064

[a] Five international quiet days. [b] Five international disturbed days; May 29 used instead of May 16.

JUNE, 1917. 30000 γ plus tabular quantities.

	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1[a]	8044	8049	8047	8043	8045	8053	8056	8070	8073	8079	8089	8096	8098	8095	8086
2[a]	8055	8052	8054	8057	8057	8061	8064	8078	8095	8118	8127	8131	8132	8121	8106
3	8063	8062	8060	8059	8059	8062	8072	8074	8087	8111	8120	8129	8139	8128	8114
4	8073	8076	8077	8079	8062	8055	8050	8044	8043	8049	8050	8056	8073	8078	8055
5	8041	8041	8042	8039	8041	8045	8051	8071	8089	8105	8113	8116	8117	8111	8098
6	8055	8054	8053	8053	8054	8056	8069	8077	8093	8109	8111	8116	8116	8116	8109
7[b]	8064	8065	8076	8075	8091	8084	8101	8119	8148	8160	8169	8172	8157	8163	8150
8	8045	8066	8069	8052	8034	8043	8041	8052	8068	8091	8069	8079	8063	8057	8036
9	8032	8033	8038	8039	8037	8041	8050	8073	8097	8121	8127	8135	8130	8107	8082
10	8063	8063	8063	8059	8061	8063	8065	8076	8085	8094	8106	8116	8110	8107	8092
11	8047	8052	8051	8050	8050	8052	8059	8076	8091	8109	8130	8131	8136	8122	8100
12	8055	8055	8058	8063	8064	8064	8066	8076	8088	8105	8123	8123	8121	8122	8108
13[b]	8052	8054	8050	8056	8057	8059	8061	8073	8071	8092	8116	8118	8119	8118	8109
14	8021	8026	8046	8045	8045	8051	8060	8063	8069	8082	8098	8104	8110	8104	8082
15	8046	8050	8050	8049	8044	8049	8066	8077	8087	8103	8117	8119	8114	8106	8094
16	8046	8052	8053	8053	8053	8058	8070	8087	8103	8126	8129	8125	8128	8112	8106
17	8056	8055	8055	8053	8053	8057	8067	8077	8087	8098	8107	8111	8104	8091	8077
18	8055	8055	8056	8055	8057	8064	8075	8087	8099	8104	8108	8108	8105	8094	8085
19[a]	8056	8055	8057	8056	8051	8055	8069	8089	8106	8124	8140	8135	8128	8113	8099
20[a]	8058	8055	8055	8055	8059	8065	8076	8090	8102	8116	8126	8135	8137	8122	8111
21	8063	8065	8065	8067	8069	8075	8078	8089	8107	8127	8142	8145	8136	8126	8115
22	8060	8061	8062	8063	8061	8065	8075	8084	8107	8112	8139	8159	8152	8132	8116
23[b]	8079	8083	8086	8090	8083	8076	8085	8081	8101	8102	8124	8117	8122	8093	8075
24[b]	8039	8048	8032	8056	8042	8037	8031	8042	8058	8075	8080	8079	8066	8045	8034
25[b]	8025	8017	8017	8019	8024	8025	8014	8025	8042	8042	8041	8073	8076	8070	8071
26	8028	8027	8021	8022	8023	8025	8035	8044	8058	8071	8088	8095	8088	8078	8059
27	8039	8038	8036	8038	8039	8040	8043	8054	8067	8084	8090	8095	8093	8082	8073
28	8045	8044	8048	8048	8046	8049	8050	8059	8067	8075	8079	8080	8077	8077	8063
29	8046	8048	8045	8050	8055	8060	8071	8074	8080	8099	8105	8106	8103	8095	8080
30[a]	8037	8037	8039	8038	8042	8050	8060	8075	8081	8093	8104	8112	8110	8107	8099
Mean	8050	8051	8052	8053	8052	8055	8061	8072	8085	8099	8109	8114	8112	8103	8089
Mean[a]	8050	8050	8050	8050	8051	8057	8065	8080	8091	8106	8117	8122	8121	8112	8100
Mean[b]	8052	8053	8052	8059	8059	8056	8058	8068	8084	8094	8106	8112	8108	8098	8088

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

MAY, 1917. 30000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8093	8088	8083	8077	8070	8059	8069	8073	8050	8081	10	00	8134	0	20	8026	108	1
8029	7998	7971	7971	7987	7997	7999	8003	8025	8033	11	09	8094	19	12	7968	126	2
8053	8009	8040	8041	8045	8041	8027	8039	8038	8043	11	06	8083	11	00	8009	74	3
8050	8046	8048	8048	8047	8047	8045	8044	8039	8052	10	42	8106	2	00	8026	80	4
8032	8033	8028	8037	8030	8040	8039	8041	8040	8051	10	00	8093	18	12	8026	67	5
8068	8058	8061	8052	8053	8058	8060	8059	8055	8064	11	33	8104	1	00	8039	65	6
8065	8066	8059	8063	8061	8049	8048	8059	8048	8060	10	21	8082	5	00	8047	35	7
8088	8082	8079	8075	8069	8066	8060	8059	8061	8075	10	40	8122	3	00	8043	79	8
8089	8085	8081	8073	8064	8067	8065	8053	8052	8085	11	55	8138	24	00	8052	86	9
8093	8084	8077	8071	8067	8069	8068	8069	8067	8080	13	00	8128	1	00	8042	86	10
8063	8056	8060	8064	8059	8057	8055	8053	8050	8076	9	20	8122	20	24	8046	76	11
8093	8086	8082	8084	8083	8071	8070	8069	8063	8076	12	10	8117	3	30	8044	73	12
8074	8071	8069	8064	8061	8062	8067	8068	8067	8074	12	18	8114	6	00	8058	56	13
8072	8060	8050	8044	8052	8051	8052	8048	8042	8071	11	48	8114	24	00	8042	72	14
8081	8067	8053	8050	8057	8053	8048	8046	8046	8070	12	00	8121	0	01	8042	79	15
8083	8070	8040	8006	7976	7999	7998	8002	8006									16
8076	8052	8027	8041	8041	8043	8038	8039	8036	8048	11	12	8102	0	01	8006	96	17
8089	8082	8077	8070	8063	8058	8055	8052	8054	8070	13	00	8112	0	01	8036	76	18
8064	8060	8063	8062	8063	8060	8061	8059	8060	8071	12	00	8119	1	00	8047	72	19
8084	8072	8067	8064	8062	8061	8062	8060	8059	8076	11	45	8125	3	00	8054	71	20
8082	8075	8072	8066	8061	8049	8053	8053	8064	8074	13	00	8114	21	00	8049	65	21
8082	8069	8064	8063	8077	8065	8067	8067	8067	8081	11	36	8120	19	00	8063	57	22
8085	8088	8082	8076	8071	8057	8055	8058	8062	8077	11	55	8122	1	00	8042	80	23
8083	8068	8066	8057	8055	8060	8065	8065	8063	8079	12	20	8136	3	20	8049	87	24
8088	8082	8090	8086	8081	8081	8077	8064	8061	8084	11	12	8126	2	00	8059	67	25
8073	8060	8067	8067	8066	8048	8060	8061	8062	8078	11	54	8119	21	00	8048	71	26
8061	8048	8027	8022	8031	8040	8041	8042	8044	8067	10	33	8127	19	00	8022	105	27
8063	8029	8017	8021	8043	8039	8039	8038	8038	8054	10	35	8099	17	38	8015	84	28
8050	8040	8039	8039	8050	8045	8045	8043	8043	8054	11	45	8090	0	03	8036	54	29
8062	8054	8053	8059	8056	8051	8047	8042	8053	8061	11	00	8106	22	57	8041	65	30
8073	8061	8056	8051	8051	8054	8051	8050	8047	8069	12	00	8122	0	18	8046	76	31
8072	8061	8056	8054	8053	8052	8051	8051	8050	8068			8113			8037	76	
8076	8069	8068	8063	8062	8061	8062	8061	8060	8072			8117			8048	69	
8058	8033	8030	8030	8039	8036	8036	8039	8039	8053			8100			8011	89	

JUNE, 1917. 30000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8077	8068	8069	8066	8062	8060	8056	8058	8057	8066	13	00	8098	4	00	8043	55	1
8088	8070	8067	8067	8065	8063	8061	8060	8059	8080	13	00	8132	2	00	8052	80	2
8100	8080	8068	8073	8074	8075	8076	8068	8069	8084	12	36	8141	4	38	8057	84	3
8042	8042	8039	8038	8044	8043	8041	8038	8037	8054	3	45	8081	24	00	8037	44	4
8087	8076	8068	8063	8061	8057	8056	8056	8055	8071	13	00	8117	0	01	8037	80	5
8101	8090	8081	8077	8076	8073	8069	8068	8065	8081	11	40	8119	3	05	8052	67	6
8126	8115	8102	8051	8059	8072	8065	8068	8054	8104	11	30	8174	18	55	8048	126	7
8034	8028	8038	8040	8042	8041	8038	8034	8031	8050	10	24	8101	16	50	8025	76	8
8069	8062	8062	8067	8070	8069	8059	8062	8062	8072	10	12	8139	0	01	8031	108	9
8081	8068	8068	8072	8071	8066	8064	8064	8059	8076	12	20	8119	23	50	8058	61	10
8082	8068	8065	8066	8067	8068	8060	8057	8055	8077	12	36	8141	1	20	8046	95	11
8093	8077	8062	8056	8054	8057	8056	8059	8058	8078	11	58	8124	20	15	8052	72	12
8097	8080	8062	8042	8051	8052	8040	8040	8015	8070	11	36	8121	24	00	8015	106	13
8052	8054	8053	8052	8039	8045	8042	8036	8042	8059	11	33	8120	0	01	8015	105	14
8072	8056	8054	8052	8051	8050	8051	8049	8046	8069	11	20	8121	0	01	8042	79	15
8090	8072	8061	8054	8053	8052	8055	8053	8049	8077	10	30	8134	0	01	8045	89	16
8060	8053	8051	8050	8049	8054	8055	8055	8055	8068	11	54	8113	0	20	8047	66	17
8072	8062	8063	8064	8063	8060	8058	8057	8058	8074	10	33	8111	0	24	8053	58	18
8087	8078	8072	8072	8070	8066	8063	8062	8059	8082	11	00	8140	5	00	8051	89	19
8091	8077	8072	8071	8069	8066	8062	8060	8061	8083	11	36	8139	1	45	8053	86	20
8095	8082	8076	8074	8064	8061	8064	8062	8061	8088	12	05	8146	20	24	8059	87	21
8099	8099	8105	8086	8074	8066	8066	8068	8065	8091	12	00	8159	0	24	8059	100	22
8050	8058	8079	8060	8057	8054	8051	8055	8049	8080	11	36	8132	16	10	8047	85	23
8028	8015	8026	8038	8045	8041	8062	8015	8032	8044	11	03	8082	22	51	8010	72	24
8055	8042	8030	8025	8027	8032	8031	8026	8028	8037	12	57	8078	1	51	8010	68	25
8057	8051	8048	8043	8043	8042	8041	8042	8041	8049	11	58	8096	2	24	8018	78	26
8065	8060	8055	8054	8052	8051	8050	8046	8045	8058	12	38	8098	3	00	8036	62	27
8055	8050	8051	8048	8048	8046	8049	8048	8045	8056	11	48	8082	22	45	8043	39	28
8063	8056	8054	8054	8055	8050	8046	8041	8038	8066	10	42	8108	22	48	8036	72	29
8082	8074	8067	8065	8064	8059	8061	8059	8060	8070	11	33	8119	0	20	8036	83	30
8075	8065	8062	8058	8057	8056	8055	8052	8050	8070			8119			8040	79	
8085	8073	8069	8068	8066	8063	8061	8060	8059	8076			8126			8047	79	
8071	8062	8060	8043	8048	8050	8050	8041	8036	8067			8117			8026	91	

HOURLY VALUES OF HORIZONTAL INTENSITY.

JULY, 1917. 30000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8059	8058	8058	8057	8055	8063	8070	8083	8096	8114	8122	8129	8124	8111	8095
2 [b]	8061	8059	8060	8060	8063	8070	8078	8098	8102	8118	8123	8146	8138	8131	8100
3	8057	8055	8061	8054	8064	8072	8101	8111	8117	8153	8161	8141	8159	8140	8128
4	8053	8055	8056	8056	8055	8061	8071	8084	8093	8113	8148	8140	8129	8109	8110
5	8066	8062	8059	8057	8058	8066	8074	8086	8104	8122	8126	8123	8112	8095	8078
6 [a]	8055	8054	8056	8057	8058	8058	8068	8074	8086	8106	8115	8113	8115	8108	8093
7	8063	8059	8058	8058	8053	8062	8076	8096	8101	8127	8147	8147	8133	8121	8109
8	8052	8068	8072	8072	8970	8078	8092	8097	8101	8113	8113	8120	8116	8113	8095
9	8064	8068	8068	8066	8067	8067	8065	8077	8094	8114	8123	8128	8125	8113	8099
10	8053	8055	8060	8061	8061	8072	8087	8102	8117	8134	8161	8155	8148	8137	8122
11	8075	8074	8075	8080	8082	8096	8109	8123	8141	8168	8165	8170	8155	8139	8097
12	8049	8051	8055	8046	8046	8054	8061	8068	8086	8106	8122	8127	8117	8108	8089
13 [b]	8047	8053	8051	8050	8053	8058	8064	8080	8116	8110	8122	8106	8097	8073	8030
14	7999	7995	7998	8001	8016	8026	8031	8042	8057	8068	8076	8078	8070	8070	8059
15	8033	8034	8032	8031	8034	8044	8057	8074	8098	8122	8136	8136	8124	8105	8075
16 [a]	8040	8036	8035	8036	8041	8047	8054	8066	8079	8102	8113	8110	8100	8091	8078
17 [a]	8036	8037	8038	8036	8039	8051	8070	8085	8096	8117	8126	8128	8121	8107	8096
18 [a]	8045	8045	8044	8044	8045	8049	8060	8073	8092	8110	8112	8110	8109	8092	8076
19	8052	8052	8053	8053	8054	8064	8073	8084	8100	8119	8134	8128	8107	8104	8089
20 [a]	8047	8047	8047	8046	8042	8052	8062	8070	8073	8089	8106	8106	8111	8114	8098
21	8061	8060	8065	8064	8064	8072	8081	8087	8100	8115	8124	8127	8122	8114	8108
22 [b]	8072	8067	8054	8046	8040	8041	8048	8067	8060	8066	8101	8090	8065	8083	8079
23	8034	8041	8038	8036	8036	8041	8050	8065	8073	8082	8092	8093	8096	8095	8082
24	8047	8045	8045	8044	8043	8042	8040	8051	8060	8076	8090	8092	8100	8099	8091
25	(8056)	(8054)	(8052)	(8054)	(8059)	(8065)	(8071)	(8077)	(8082)	8087	8099	8098	8092	8098	8093
26	8066	8064	8059	8058	8057	8060	8063	8074	8088	8102	8117	8117	8117	8112	8096
27	8062	8060	8058	8055	8058	8060	8074	8087	8099	8116	8129	8141	8140	8130	8116
28	8099	8100	8104	8103	8107	8105	8103	8120	8092	8115	8128	8132	8129	8112	8107
29 [b]	8060	8062	8065	8058	8063	8060	8077	8077	8074	8064	8060	8057	8027	8023	7999
30	8022	8025	8032	8035	8044	8052	8064	8078	8094	8119	8135	8121	8103	8087	8071
31 [b]	8037	8043	8046	8052	8060	8056	8063	8069	8095	8116	8108	8104	8103	8096	8088
Mean	8052	8053	8053	8052	8054	8060	8070	8081	8092	8109	8120	8120	8113	8104	8089
Mean [a]	8045	8044	8044	8044	8045	8051	8063	8074	8085	8105	8114	8113	8111	8102	8088
Mean [b]	8055	8057	8055	8053	8056	8057	8066	8078	8089	8095	8103	8101	8086	8081	8059

AUGUST, 1917. 30000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	7950	7942	7960	7970	7981	8000	8051	8035	8028	8014	8023	8030	8027	8022	8019
2	8037	8038	8035	8034	8043	8049	8064	8081	8093	8108	8117	8110	8112	8101	8099
3	8058	8062	8062	8064	8065	8067	8082	8097	8117	8133	8146	8150	8142	8126	8111
4	8080	8078	8081	8085	8088	8094	8102	8121	8133	8147	8163	8165	8144	8121	8101
5 [a]	8065	8067	8065	8068	8075	8080	8092	8109	8130	8148	8154	8156	8146	8131	8115
6 [a]	8084	8082	8079	8078	8074	8079	8079	8089	8108	8130	8151	8156	8150	8144	8122
7	8092	8090	8088	8094	8094	8096	8108	8122	8142	8165	8183	8185	8181	8165	8151
8	8102	8102	8093	8083	8080	8075	8065	8074	8098	8132	8149	8153	8152	8122	8103
9 [b]	8077	8080	8081	8077	8076	8078	8100	8111	8138	8154	8177	8184	8175	8121	7972
10 [b]	7998	7983	7991	7998	8002	8149	8064	7964	7980	7994	8003	7999	8007	8012	8003
11	8015	8017	8024	8024	8028	8029	8053	8076	8102	8134	8140	8132	8116	8088	8071
12	8046	8047	8048	8047	8053	8057	8062	8090	8111	8144	8157	8156	8144	8125	8107
13 [b]	8076	8076	8078	8078	8081	8085	8095	8100	8114	8137	8159	8159	8154	8144	8127
14 [b]	8074	8020	8045	8042	8053	8041	8071	8080	8083	8087	8097	8105	8106	8101	8090
15	7960	7964	7988	8009	8025	8037	8043	8038	8033	8035	8030	8018	8012	8016	8014
16	8030	8034	8047	8051	8054	8054	8059	8064	8097	8117	8131	8152	8145	8145	8131
17	8056	8054	8056	8070	8059	8058	8062	8079	8089	8118	8125	8118	8117	8095	8079
18	8083	8072	8071	8071	8073	8078	8091	8102	8123	8147	8144	8149	8137	8112	8109
19 [a]	8077	8079	8079	8081	8087	8089	8095	8110	8128	8142	8153	8150	8138	8129	8105
20	8087	8089	8087	8089	8089	8098	8119	8139	8152	8168	8176	8177	8165	8155	8137
21 [b]	8093	8093	8094	8101	8104	8121	8146	8125	8144	8156	8129	8132	8102	8082	8069
22	8024	8005	8042	8038	8030	8017	8029	8022	8049	8052	8058	8044	8032	8022	8021
23	8039	8045	8049	8059	8060	8058	8064	8065	8085	8094	8118	8111	8105	8098	8085
24	8056	8071	8057	8068	8059	8066	8071	8087	8097	8123	8125	8122	8128	8117	8100
25	8079	8084	8087	8089	8090	8089	8096	8105	8122	8152	8166	8172	8165	8154	8140
26	8105	8106	8108	8121	8120	8120	8144	8156	8165	8165	8096	8107	8109	8106	8091
27	8063	8063	8067	8069	8069	8077	8094	8113	8129	8148	8164	8162	8149	8138	8120
28 [a]	8084	8087	8090	8088	8092	8092	8102	8121	8152	8178	8195	8201	8196	8177	8164
29 [a]	8103	8103	8101	8101	8103	8107	8111	8129	8148	8167	8188	8189	8172	8146	8136
30	8106	8106	8105	8106	8104	8110	8112	8128	8145	8159	8164	8167	8168	8169	8161
31	8107	8111	8103	8102	8110	8117	8117	8136	8152	8163	8171	8170	8170	8153	8144
Mean	8061	8060	8063	8066	8068	8076	8085	8093	8109	8126	8134	8135	8128	8114	8097
Mean [a]	8083	8084	8083	8083	8086	8089	8096	8112	8133	8153	8168	8170	8160	8145	8128
Mean [b]	8064	8050	8058	8059	8063	8095	8095	8076	8092	8102	8113	8116	8109	8092	8052

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

JULY, 1917. 30000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8083	8070	8066	8064	8062	8061	8058	8055	8057	8078	12	27	8131	22	30	8053	78	1
8084	8064	8068	8060	8071	8077	8075	8087	8065	8086	11	48	8158	0	08	8055	103	2
8081	8060	8053	8051	8054	8055	8059	8058	8057	8088	12	36	8180	18	36	8049	131	3
8093	8082	8071	8071	8070	8069	8072	8066	8066	8083	11	00	8113	1	00	8053	60	4
8067	8069	8070	8069	8068	8067	8063	8060	8056	8078	11	00	8126	24	00	8056	70	5
8079	8077	8075	8075	8072	8070	8078	8070	8066	8078	11	18	8117	2	00	8054	63	6
8105	8087	8085	8081	8066	8049	8053	8052	8053	8085	11	36	8151	21	12	8046	105	7
8083	8071	8065	8065	8062	8060	8063	8064	8065	8082	12	20	8122	1	00	8052	70	8
8084	8075	8076	8074	8075	8073	8066	8057	8055	8082	11	36	8129	24	00	8055	74	9
8105	8101	8084	8081	8076	8073	8069	8069	8075	8094	11	00	8161	1	00	8053	108	10
8056	8045	8034	8049	8050	8048	8056	8053	8053	8091	10	45	8180	18	00	8034	146	11
8077	8068	8056	8056	8051	8047	8049	8047	8051	8070	11	15	8137	3	50	8044	93	12
8014	8004	7994	7976	7985	7993	7989	7979	7981	8043	10	57	8124	19	15	7972	152	13
8048	8043	8036	8038	8037	8036	8035	8038	8036	8039	11	06	8080	0	18	7972	108	14
8060	8054	8049	8047	8048	8045	8047	8042	8040	8065	11	45	8137	0	12	8029	108	15
8064	8057	8057	8048	8043	8040	8037	8036	8040	8060	11	00	8113	3	00	8035	78	16
8076	8066	8054	8049	8045	8045	8044	8045	8046	8069	12	24	8130	0	15	8035	95	17
8055	8051	8055	8056	8053	8054	8055	8050	8049	8066	11	00	8112	3	28	8043	69	18
8069	8067	8061	8055	8058	8057	8059	8054	8050	8075	11	00	8134	0	01	8049	85	19
8089	8080	8077	8075	8071	8067	8065	8066	8064	8074	14	00	8114	5	00	8042	72	20
8097	8096	8087	8081	8078	8073	8067	8068	8064	8086	12	00	8127	2	00	8060	67	21
8046	8013	8021	8031	8035	8035	8032	8035	8030	8052	11	06	8103	17	00	8013	90	22
8071	8060	8054	8055	8053	8051	8051	8049	8046	8060	10	42	8098	0	01	8030	68	23
8078	8069	8065	(8063)	(8060)	(8058)	(8057)	(8056)	(8055)	8064	12	40	8102	7	00	8040	62	24
8083	8080	8078	8076	8077	8075	8072	8070	8066	8076	10	33	8101	3	00	(8052)	49	25
8082	8069	8067	8068	8068	8066	8067	8066	8064	8078	11	03	8118	5	00	8057	61	26
8103	8095	8089	8087	8085	8085	8105	8102	8101	8093	12	00	8141	4	10	8054	87	27
8103	8088	8080	8079	8084	8066	8055	8056	8063	8097	11	51	8132	22	20	8053	79	28
7989	7978	7983	7965	8019	7976	7991	8004	8013	8031	7	35	8080	19	00	7965	115	29
8056	8050	8052	8047	8044	8043	8042	8040	8038	8062	10	58	8136	0	20	8011	125	30
8080	8080	8069	8058	8040	8027	8004	7990	7961	8060	10	00	8116	23	30	7960	156	31
8073	8064	8059	8056	8057	8053	8053	8051	8049	8072	---		8126	---		8035	91	---
8073	8066	8064	8061	8057	8055	8056	8053	8053	8069	---		8117	---		8042	75	---
8043	8028	8027	8018	8030	8022	8018	8019	8010	8054	---		8116	---		7993	123	---

AUGUST, 1917. 30000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8025	8017	8020	8026	8026	8031	8038	8036	8034	8013	7	03	8054	1	27	7932	122	1
8088	8076	8077	8073	8071	8061	8060	8060	8061	8073	10	42	8119	4	00	8034	85	2
8107	8098	8093	8089	8088	8084	8083	8076	8081	8095	12	00	8150	1	00	8058	92	3
8084	8070	8064	8070	8071	8063	8061	8064	8068	8097	12	00	8165	22	00	8061	104	4
8099	8089	8091	8092	8090	8088	8087	8086	8087	8100	11	18	8158	0	54	8064	94	5
8109	8102	8102	8102	8101	8099	8093	8095	8093	8104	12	00	8156	5	00	8074	82	6
8146	8137	8126	8124	8122	8110	8103	8097	8098	8126	11	24	8187	3	00	8088	99	7
8101	8100	8094	8091	8088	8087	8085	8084	8076	8100	11	36	8157	7	06	8064	93	8
7918	7888	7881	7928	7929	7935	7943	7956	7963	8039	12	35	8202	17	15	7871	331	9
7977	7995	7993	8006	7998	8015	8012	8013	8014	8006	6	03	8151	0	01	7963	188	10
8053	8042	8041	8047	8047	8044	8045	8042	8043	8061	11	20	8146	0	01	8014	132	11
8091	8085	8079	8083	8079	8078	8082	8075	8073	8088	11	00	8157	0	01	8043	114	12
8099	8085	8085	8091	8092	8090	8089	8136	8092	8105	11	40	8163	0	01	8073	90	13
8071	8070	8058	8043	8036	8026	7950	7951	7938	8052	12	18	8110	23	48	7923	187	14
7998	8013	8001	7988	7995	8020	8028	8028	8026	8013	7	00	8043	0	01	7940	103	15
8114	8103	8096	8088	8081	8077	8077	8067	8061	8086	11	58	8154	0	01	8026	128	16
8073	8075	8077	8072	8059	8066	8068	8067	8076	8078	11	00	8125	0	24	8050	75	17
8102	8097	8091	8086	8082	8079	8081	8083	8082	8098	12	00	8149	2	18	8068	81	18
8093	8090	8091	8092	8091	8089	8089	8087	8088	8102	11	15	8157	0	30	8076	81	19
8133	8145	8146	8139	8103	8079	8079	8088	8100	8122	11	27	8179	20	54	8076	103	20
8059	8037	8015	8018	8037	8009	7992	7961	8017	8076	10	00	8156	22	50	7957	199	21
8011	8011	8008	8000	8008	8022	8029	8033	8034	8027	10	57	8060	18	50	7997	63	22
8077	8067	8059	8047	8040	8028	8040	8042	8030	8065	11	06	8120	20	57	8025	95	23
8092	8091	8080	8090	8088	8086	8083	8081	8083	8088	10	40	8144	0	01	8030	114	24
8130	8125	8121	8117	8111	8111	8108	8108	8106	8118	12	03	8174	1	00	8079	95	25
8060	8048	8053	8062	8066	8066	8061	8062	8063	8098	9	48	8205	17	40	8041	164	26
8112	8106	8104	8090	8091	8090	8090	8094	8089	8104	11	06	8167	0	15	8062	105	27
8139	8125	8116	8110	8106	8109	8112	8109	8107	8127	11	38	8203	1	20	8082	121	28
8128	8125	8121	8122	8117	8113	8113	8111	8107	8128	12	00	8189	2	55	8100	89	29
8154	8146	8140	8133	8132	8128	8118	8107	8106	8132	14	00	8169	5	00	8104	65	30
8130	8126	8121	8123	8126	8119	8119	8118	8119	8130	11	00	8171	4	15	8100	71	31
8083	8077	8072	8072	8070	8068	8064	8065	8065	8086	---		8150	---		8035	115	---
8114	8106	8104	8104	8101	8100	8099	8098	8096	8112	---		8172	---		8079	93	---
8025	8015	8006	8017	8018	8015	7993	8003	8005	8056	---		8156	---		7957	199	---

HOURLY VALUES OF HORIZONTAL INTENSITY.

SEPTEMBER, 1917. 30000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 a	8109	8108	8106	8110	8109	8112	8122	8138	8164	8186	8196	8194	8182	8173	8161
2 b	8115	8117	8113	8118	8113	8120	8127	8139	8172	8196	8207	8191	8177	8168	8152
3	8087	8090	8090	8084	8094	8093	8086	8089	8105	8131	8130	8129	8114	8097	8092
4	8072	8073	8073	8072	8075	8079	8085	8096	8127	8136	8161	8167	8165	8149	8122
5 b	8081	8079	8083	8083	8086	8087	8100	8118	8134	8158	8168	8165	8149	8133	8120
6	8050	8040	8031	8025	8054	8036	8034	8019	8043	8069	8089	8101	8098	8088	8077
7	8033	8034	8032	8031	8033	8041	8045	8059	8071	8091	8106	8114	8105	8102	8090
8	8051	8050	8050	8051	8051	8056	8063	8074	8096	8121	8128	8133	8120	8099	8079
9 b	8057	8059	8058	8060	8062	8066	8060	8069	8077	8113	8100	8105	8112	8106	8069
10	8042	8049	8050	8047	8050	8058	8068	8080	8098	8114	8116	8115	8113	8103	8083
11 a	8050	8051	8051	8053	8055	8061	8072	8096	8106	8124	8127	8127	8125	8116	8108
12	8053	8054	8053	8056	8055	8057	8064	8075	8087	8099	8118	8125	8116	8105	8100
13	8057	8055	8062	8063	8065	8061	8061	8055	8072	8081	8091	8098	8108	8108	8098
14	8058	8057	8057	8063	8060	8058	8068	8073	8093	8120	8135	8139	8127	8114	8095
15	8057	8060	8061	8057	8061	8063	8065	8078	8093	8124	8118	8109	8107	8108	8087
16	8064	8061	8058	8060	8054	8055	8057	8068	8092	8111	8120	8122	8104	8105	8094
17	8051	8060	8059	8059	8063	8059	8064	8076	8089	8097	8100	8097	8088	8090	8074
18	8034	8036	8033	8032	8027	8035	8028	8039	8064	8088	8090	8094	8100	8087	8074
19 b	8039	8029	8036	8025	8028	8019	8028	8033	8038	8079	8102	8099	8084	8060	8039
20	8010	8022	8016	8021	8018	8023	8031	8052	8066	8084	8097	8106	8086	8064	8056
21	8000	8012	8015	8011	8025	8020	8009	8021	8019	8056	8065	8063	8063	8061	8056
22	8023	8025	8028	8033	8034	8025	8030	8045	8066	8082	8079	8087	8099	8088	8082
23 a	8041	8043	8034	8042	8038	8037	8040	8053	8074	8116	8131	8134	8122	8109	8092
24	8037	8040	8042	8044	8047	8048	8060	8076	8093	8118	8127	8104	8105	8097	8091
25 a	8037	8038	8039	8047	8050	8051	8048	8056	8081	8115	8126	8127	8111	8098	8087
26 a	8053	8058	8058	8062	8058	8058	8068	8080	8101	8132	8150	8161	8153	8127	8109
27	8053	8052	8056	8059	8058	8060	8069	8083	8094	8125	8134	8136	8122	8102	8097
28	8046	8041	8042	8040	8049	8052	8062	8084	8102	8129	8148	8152	8137	8119	8104
29	8050	8045	8047	8050	8056	8059	8060	8071	8094	8110	8125	8130	8130	8114	8104
30 b	8035	8039	8037	8038	8039	8040	8041	8048	8064	8086	8095	8095	8078	8054	8033
Mean	8052	8053	8052	8053	8056	8056	8060	8071	8089	8113	8123	8124	8117	8105	8091
Mean a	8058	8060	8058	8063	8062	8064	8070	8085	8105	8135	8146	8149	8139	8125	8111
Mean b	8065	8065	8065	8065	8066	8066	8071	8081	8097	8126	8134	8131	8120	8104	8083

OCTOBER, 1917. 30000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8014	8010	8018	8026	8022	8032	8035	8050	8061	8066	8075	8081	8061	8030	8030
2	8024	8041	8036	8030	8039	8035	8032	8048	8059	8096	8120	8104	8084	8084	8076
3 b	8027	8055	8041	8040	8039	8041	8042	8050	8069	8086	8107	8096	8098	8094	8077
4	8042	8037	8036	8044	8041	8027	8033	8037	8050	8051	8048	8042	8048	8056	8044
5	8029	8027	8031	8033	8037	8033	8039	8041	8059	8083	8107	8130	8126	8109	8103
6	8033	8044	8048	8052	8044	8057	8060	8065	8071	8079	8092	8091	8074	8055	8048
7	8036	8036	8041	8045	8042	8044	8049	8060	8069	8097	8122	8128	8121	8104	8089
8	8049	8050	8041	8038	8045	8047	8045	8048	8054	8084	8113	8122	8115	8099	8095
9	8001	8014	8036	8041	8049	8047	8059	8065	8075	8095	8112	8110	8099	8098	8081
10	8049	8046	8053	8052	8050	8045	8048	8057	8071	8100	8112	8100	8098	8091	8078
11	8049	8050	8050	8053	8057	8057	8059	8069	8088	8105	8127	8092	8082	8062	8070
12	8037	8058	8050	8047	8049	8054	8067	8083	8094	8115	8128	8126	8103	8096	8085
13 b	8048	8047	8049	8052	8055	8059	8060	8079	8101	8115	8127	8112	8098	8090	8095
14 b	8075	8073	8050	8042	8050	8050	8052	8068	8089	8083	8111	8116	8087	8075	8058
15	8041	8048	8043	8044	8046	8047	8058	8071	8084	8111	8111	8103	8095	8078	8075
16 a	8056	8048	8044	8040	8040	8040	8042	8060	8080	8099	8110	8108	8098	8092	8078
17	8065	8064	8069	8068	8070	8073	8079	8092	8109	8131	8153	8148	8135	8117	8096
18	8048	8053	8054	8058	8060	8063	8070	8089	8102	8121	8129	8124	8114	8097	8089
19 a	8063	8061	8061	8062	8061	8067	8078	8100	8119	8142	8152	8157	8145	8142	8113
20 a	8069	8067	8068	8072	8066	8066	8071	8086	8106	8122	8136	8140	8133	8124	8113
21 a	8067	8069	8072	8074	8076	8076	8083	8085	8110	8132	8148	8146	8133	8115	8101
22 a	8070	8074	8077	8077	8078	8078	8080	8086	8099	8121	8141	8147	8138	8123	8114
23	8058	8062	8067	8068	8069	8069	8078	8094	8114	8147	8160	8158	8150	8134	8116
24	8091	8082	8082	8066	8069	8078	8086	8108	8128	8156	8169	8170	8143	8127	8117
25	8061	8068	8054	8060	8058	8059	8053	8058	8070	8086	8104	8103	8078	8051	8024
26	8003	8006	8019	8018	8023	8029	8034	8043	8055	8070	8088	8098	8096	8088	8081
27	8049	8048	8045	8044	8052	8055	8065	8083	8101	8128	8137	8137	8122	8107	8092
28 b	8039	8049	8058	8063	8067	8075	8090	8105	8115	8132	8151	8153	8146	8123	8097
29 b	8028	8023	8042	8033	8021	7998	7997	8018	8028	8066	8058	8051	8047	8044	8021
30	8026	8032	8018	8016	8022	8019	8031	8057	8070	8062	8065	8079	8074	8072	8063
31	8047	8044	8043	8074	8065	8059	8061	8081	8085	8092	8110	8108	8092	8067	8070
Mean	8045	8048	8048	8049	8050	8051	8056	8069	8083	8102	8117	8115	8104	8092	8080
Mean a	8065	8064	8064	8065	8064	8065	8071	8083	8103	8123	8137	8140	8129	8119	8104
Mean b	8043	8049	8048	8046	8046	8045	8048	8064	8080	8096	8111	8106	8095	8085	8070

a Five international quiet days. b Five international disturbed days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

SEPTEMBER, 1917. 30000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8150	8144	8140	8135	8131	8126	8123	8122	8117	8140	11	00	8196	3	00	8106	90	1
8143	8119	8100	8091	8091	8095	8079	8074	8094	8130	11	00	8207	22	26	8061	146	2
8084	8081	8076	8084	8088	8081	8078	8082	8074	8093	10	15	8138	24	00	8074	64	3
8111	8093	8096	8079	8077	8073	8080	8081	8084	8101	12	00	8167	0	05	8068	99	4
8138	8089	8008	7948	7942	8012	8023	8030	8032	8082	10	51	8169	20	04	7940	229	5
8065	8056	8049	8044	8039	8034	8030	8032	8037	8052	11	50	8103	7	20	8013	90	6
8083	8073	8063	8052	8059	8059	8055	8054	8054	8064	11	20	8116	4	00	8031	85	7
8070	8063	8071	8062	8061	8058	8057	8057	8058	8074	11	40	8136	0	36	8049	87	8
8037	8034	8031	8015	8011	8034	8027	8044	8046	8060	11	15	8121	20	00	8011	110	9
8067	8052	8055	8055	8059	8060	8058	8059	8057	8071	10	37	8126	1	00	8042	84	10
8099	8089	8079	8071	8063	8060	8060	8057	8056	8082	10	24	8131	1	00	8050	81	11
8097	8095	8088	8083	8079	8074	8072	8067	8064	8081	11	45	8128	0	01	8052	76	12
8089	8081	8081	8074	8066	8064	8061	8064	8060	8074	13	40	8109	5	40	8054	55	13
8084	8077	8078	8071	8067	8063	8064	8062	8059	8081	11	49	8141	0	15	8056	85	14
8078	8073	8072	8071	8071	8068	8065	8064	8064	8078	10	00	8124	0	12	8055	69	15
8085	8080	8077	8069	8065	8056	8055	8054	8055	8076	12	00	8122	4	42	8053	69	16
8060	8050	8034	8032	8032	8027	8025	8026	8031	8060	11	00	8100	22	18	8023	77	17
8061	8063	8061	8053	8048	8046	8044	8045	8045	8055	13	00	8100	5	00	8027	73	18
8023	8008	8007	8019	8018	8011	7998	7996	7997	8034	11	38	8115	23	05	7995	120	19
8047	8041	8037	8024	8002	7996	7992	7991	7994	8036	12	00	8106	23	00	7991	115	20
8050	8052	8049	8030	8013	8001	7995	8010	8037	8031	12	24	8071	22	15	7993	78	21
8068	8062	8050	8044	8036	8038	8045	8041	8039	8052	13	00	8099	1	00	8023	76	22
8077	8066	8058	8049	8047	8044	8043	8038	8037	8065	11	10	8138	23	20	8033	105	23
8093	8081	8053	8041	8033	8041	8037	8039	8041	8066	10	46	8135	19	40	8031	104	24
8081	8076	8073	8071	8067	8069	8063	8062	8058	8072	11	45	8128	1	00	8037	91	25
8098	8084	8074	8071	8066	8060	8054	8053	8052	8085	12	00	8161	24	00	8052	109	26
8086	8079	8072	8061	8059	8051	8047	8041	8036	8076	11	45	8137	24	00	8036	101	27
8110	8102	8061	8055	8065	8063	8056	8050	8050	8080	11	46	8155	0	01	8036	119	28
8099	8084	8072	8072	8066	8058	8044	8059	8042	8077	12	33	8135	22	34	8038	97	29
8018	8040	8032	8012	8013	8011	8015	8014	8011	8041	10	36	8104	19	50	7994	110	30
8082	8073	8063	8055	8051	8051	8048	8049	8049	8072	---		8130	---		8034	96	---
8101	8092	8085	8079	8075	8072	8069	8066	8064	8089	---		8151	---		8056	95	---
8072	8058	8036	8017	8015	8033	8028	8032	8036	8069	---		8143	---		8000	143	---

OCTOBER, 1917. 30000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8035	8034	8011	8009	8009	8007	8006	8016	8023	8032	11	36	8084	19	24	8004	80	1
8067	8064	8064	8052	8036	8024	8027	8039	8038	8055	11	00	8120	0	01	8023	97	2
8047	8047	8017	7998	7996	7994	8034	8044	8037	8049	11	00	8107	20	54	7992	115	3
8026	8006	8005	8017	8013	8011	8016	8021	8031	8033	12	36	8055	18	12	8003	52	4
8086	8058	8044	8042	8036	8031	8030	8026	8031	8057	12	42	8142	22	18	8024	118	5
8030	8026	8028	8026	8025	8029	8031	8034	8036	8049	11	45	8096	20	15	8022	74	6
8076	8072	8071	8065	8062	8058	8050	8049	8049	8068	11	10	8130	0	01	8035	95	7
8069	8060	8058	8061	8054	8048	8052	8038	8024	8063	12	27	8142	24	00	8024	118	8
8056	8071	8059	8056	8041	8043	8044	8047	8051	8060	11	45	8122	1	15	7998	124	9
8068	8063	8056	8053	8047	8048	8055	8049	8046	8064	10	30	8118	6	24	8042	76	10
8060	8042	8017	8040	8037	8035	8034	8029	8033	8058	11	00	8127	17	54	8014	113	11
8078	8073	8066	8059	8059	8049	8052	8049	8046	8072	11	00	8128	0	48	8032	96	12
8086	8084	8076	8073	8069	8064	8061	8067	8068	8076	11	00	8127	0	01	8046	81	13
8057	8035	8009	8020	7999	8005	8017	8011	8022	8052	11	36	8120	20	00	7999	121	14
8070	8069	8067	8065	8062	8059	8054	8054	8059	8067	9	54	8113	0	01	8023	90	15
8070	8065	8066	8063	8059	8058	8061	8060	8063	8067	11	42	8114	3	30	8039	75	16
8088	8083	8076	8063	8046	8047	8041	8034	8049	8083	11	03	8154	22	42	8030	124	17
8086	8085	8083	8074	8071	8072	8066	8065	8061	8081	11	00	8129	1	00	8048	81	18
8099	8082	8072	8070	8075	8071	8070	8067	8070	8092	11	18	8167	0	10	8060	107	19
8105	8100	8100	8091	8086	8082	8071	8072	8065	8092	11	15	8142	24	00	8065	77	20
8094	8088	8086	8083	8079	8073	8070	8071	8070	8092	11	27	8151	0	02	8063	88	21
8110	8110	8104	8098	8097	8084	8069	8060	8056	8095	11	45	8149	24	00	8056	93	22
8108	8099	8093	8085	8087	8082	8085	8081	8077	8098	11	00	8160	0	01	8057	103	23
8111	8092	8080	8067	8072	8065	8063	8064	8062	8098	11	10	8172	24	00	8062	110	24
7998	7996	7990	7974	7972	7976	7966	7989	7995	8035	11	30	8116	21	40	7954	162	25
8074	8066	8058	8056	8054	8052	8048	8048	8050	8052	11	30	8099	0	01	7996	103	26
8078	8064	8064	8069	8058	8043	8046	8056	8050	8075	11	36	8139	21	12	8040	99	27
8094	8075	8040	7984	8002	7979	8006	8016	8029	8070	11	18	8162	20	40	7966	196	28
7979	8017	8030	8004	7993	7992	7989	7989	8007	8020	10	24	8096	16	05	7976	120	29
8055	8026	8007	8025	8030	8035	8040	8037	8047	8042	10	30	8094	18	00	8007	87	30
8070	8065	8059	8057	8071	8056	8061	8080	8062	8070	11	00	8110	2	40	8041	69	31
8069	8062	8053	8048	8045	8041	8042	8044	8045	8065	---		8125	---		8024	101	---
8096	8089	8086	8081	8079	8074	8068	8066	8065	8088	---		8145	---		8057	88	---
8053	8052	8034	8016	8012	8007	8021	8025	8033	8053	---		8122	---		7996	126	---

HOURLY VALUES OF HORIZONTAL INTENSITY.

NOVEMBER, 1917. 30000 γ plus tabular quantities.

Day.	1 h	2 h	3 h	4 h	5 h	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	15 h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8055	8064	8059	8061	8060	8066	8061	8072	8089	8111	8127	8122	8106	8093	8079
2	8061	8064	8064	8071	8070	8069	8077	8086	8106	8128	8141	8139	8128	8116	8105
3	8079	8082	8082	8079	8077	8075	8079	8090	8110	8142	8158	8153	8136	8124	8107
4	8079	8080	8079	8084	8086	8086	8089	8102	8124	8138	8154	8158	8148	8131	8119
5	8078	8079	8081	8081	8085	8087	8091	8099	8114	8134	8147	8152	8143	8128	8119
6	8091	8092	8090	8092	8095	8101	8109	8125	8138	8147	8166	8155	8152	8137	8116
7	8089	8100	8096	8091	8102	8104	8109	8118	8133	8155	8168	8168	8143	8129	8116
8	8091	8096	8100	8101	8101	8101	8108	8119	8124	8151	8151	8146	8135	8123	8110
9[a]	8094	8099	8100	8101	8098	8099	8103	8117	8127	8139	8151	8152	8140	8123	8113
10[a]	8093	8094	8096	8102	8103	8103	8100	8103	8113	8128	8140	8145	8149	8143	8131
11	8094	8099	8100	8105	8101	8101	8109	8119	8130	8147	8180	8167	8158	8144	8136
12[b]	8114	8115	8114	8120	8118	8115	8117	8132	8145	8165	8191	8189	8174	8162	8137
13	8056	8053	8060	8050	8057	8047	8049	8061	8088	8107	8121	8124	8113	8111	8112
14[b]	8084	8089	8108	8095	8094	8097	8085	8089	8108	8140	8131	8139	8128	8111	8127
15[a]	8072	8073	8074	8073	8080	8081	8090	8098	8115	8131	8141	8141	8135	8126	8115
16[a]	8089	8088	8088	8089	8090	8094	8096	8109	8126	8154	8166	8167	8151	8132	8121
17	8088	8091	8090	8093	8096	8096	8108	8122	8137	8162	8173	8170	8164	8143	8129
18	8082	8086	8089	8091	8093	8096	8101	8108	8120	8137	8147	8143	8143	8135	8123
19	8073	8077	8083	8090	8091	8097	8102	8117	8122	8114	8144	8156	8137	8110	8091
20	8068	8078	8079	8077	8076	8083	8092	8107	8115	8129	8136	8122	8111	8110	8098
21	8076	8075	8067	8070	8071	8070	8075	8087	8097	8108	8118	8113	8110	8104	8097
22	8087	8090	8091	8092	8094	8093	8105	8114	8125	8154	8154	8144	8124	8110	8111
23[a]	8091	8090	8092	8091	8090	8093	8101	8107	8119	8134	8142	8143	8132	8116	8113
24	8098	8102	8101	8099	8096	8101	8108	8119	8130	8146	8157	8165	8145	8122	8107
25[b]	8074	8073	8074	8080	8087	8082	8090	8103	8117	8129	8146	8142	8128	8114	8104
26[b]	8040	8071	8067	8082	8066	8066	8076	8081	8095	8111	8097	8105	8088	8094	8090
27[b]	8038	8046	8053	8058	8063	8072	8069	8086	8092	8103	8103	8107	8094	8075	8076
28	8053	8055	8041	8054	8053	8046	8051	8061	8070	8094	8117	8096	8081	8078	8068
29	8041	8043	8041	8051	8048	8055	8063	8076	8093	8109	8114	8105	8080	8072	8064
30	8061	8058	8058	8060	8060	8066	8080	8088	8099	8115	8116	8115	8101	8090	8084
Mean	8076	8080	8081	8083	8083	8085	8090	8100	8117	8132	8143	8141	8129	8117	8107
Mean[a]	8088	8089	8090	8091	8092	8094	8098	8107	8120	8137	8148	8150	8141	8128	8119
Mean[b]	8070	8079	8083	8087	8086	8086	8087	8098	8111	8130	8134	8136	8122	8111	8107

DECEMBER, 1917. 30000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8061	8059	8066	8064	8062	8064	8067	8078	8086	8111	8126	8125	8112	8106	8093
2	8059	8061	8068	8068	8076	8077	8081	8100	8104	8122	8128	8128	8113	8102	8098
3	8046	8044	8052	8056	8058	8069	8079	8097	8108	8119	8130	8123	8114	8113	8095
4	8060	8068	8070	8065	8088	8090	8089	8085	8098	8125	8096	8095	8093	8091	8088
5	8051	8043	8057	8068	8070	8073	8079	8080	8092	8102	8107	8113	8098	8093	8087
6	8064	8065	8076	8072	8067	8068	8079	8085	8093	8107	8115	8109	8109	8103	8093
7	8068	8065	8065	8070	8068	8070	8078	8084	8097	8111	8115	8113	8096	8089	8081
8[b]	8069	8062	8062	8071	8076	8080	8086	8100	8099	8119	8121	8081	8068	8078	8072
9	8061	8074	8073	8065	8081	8066	8068	8077	8072	8077	8086	8083	8082	8079	8073
10[a]	8067	8070	8071	8069	8070	8074	8077	8087	8092	8102	8107	8106	8097	8096	8092
11	8070	8077	8074	8074	8075	8082	8095	8109	8120	8134	8148	8144	8132	8124	8126
12	8082	8082	8082	8088	8090	8107	8107	8132	8141	8143	8145	8140	8120	8105	8096
13[a]	8073	8074	8077	8077	8078	8086	8092	8104	8113	8124	8129	8116	8109	8107	8095
14	8074	8077	8076	8078	8080	8083	8092	8103	8111	8121	8130	8128	8119	8113	8102
15	8079	8082	8074	8079	8083	8095	8100	8115	8129	8142	8147	8141	8117	8103	8091
16[b]	8078	8076	8083	8082	8081	8084	8101	8108	8148	8161	8167	8157	8137	8119	8100
17[b]	7964	7909	7918	7926	7908	8007	7998	8003	8007	8022	8042	8064	8028	8041	8017
18[b]	8016	8011	8018	8024	8023	8029	8037	8057	8074	8091	8099	8088	8138	8129	8123
19	8011	8010	8013	8019	8023	8032	8039	8050	8057	8071					8040
20	8038	8040	8046	8044	8064	8069	8096	8091	8113	8142	8147	8141	8140	8125	8087
21	8060	8058	8047	8053	8049	8056	8051	8064	8075	8092	8094	8108	8099	8091	8086
22[a]	8066	8066	8066	8069	8070	8067	8069	8074	8074	8084	8104	8103	8097	8086	8078
23[a]	8064	8065	8072	8072	8076	8080	8082	8098	8099	8110	8120	8111	8104	8105	8102
24	8062	8066	8067	8075	8079	8080	8090	8102	8113	8134	8133	8117	8092	8100	8095
25	8080	8084	8085	8087	8091	8096	8099	8107	8115	8126	8134	8137	8130	8122	8107
26[b]	8064	8061	8062	8060	8075	8068	8066	8076	8082	8113	8124	8125	8120	8113	8120
27	8048	8051	8053	8064	8056	8065	8084	8096	8107	8119	8123	8107	8079	8069	8072
28	8071	8066	8068	8082	8081	8085	8095	8108	8118	8129	8144	8132	8127	8116	8098
29	8079	8079	8080	8084	8084	8113	8127	8149	8159	8169	8171	8170	8143	8119	8106
30	8092	8089	8093	8093	8097	8104	8109	8117	8120	8134	8139	8142	8124	8119	8106
31[a]	8086	8087	8086	8087	8093	8095	8100	8106	8116	8129	8140	8144	8131	8118	8105
Mean	8060	8059	8061	8064	8067	8075	8081	8092	8101	8116	8124	8120	8109	8102	8091
Mean[a]	8071	8072	8074	8075	8077	8080	8084	8094	8099	8110	8120	8116	8108	8102	8094
Mean[b]	8038	8024	8029	8033	8033	8054	8058	8069	8082	8101	8111	8103	8098	8096	8086

[a] Five international quiet days.

[b] Five international disturbed days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

NOVEMBER, 1917. 30000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8068	8078	8076	8060	8070	8051	8052	8057	8061	8075	11	00	8127	20	50	8050	77	1
8093	8087	8084	8075	8073	8078	8079	8077	8078	8090	11	00	8141	0	40	8059	82	2
8094	8090	8084	8084	8085	8084	8078	8085	8083	8098	11	00	8158	6	00	8075	83	3
8104	8097	8094	8090	8089	8087	8084	8083	8080	8103	11	44	8159	23	24	8078	81	4
8113	8112	8107	8103	8101	8095	8091	8092	8092	8105	12	00	8152	1	00	8078	74	5
8111	8111	8108	8097	8082	8087	8090	8086	8086	8111	11	00	8166	20	00	8082	84	6
8111	8111	8111	8106	8102	8103	8098	8094	8085	8114	11	24	8170	24	00	8085	85	7
8098	8092	8090	8090	8088	8088	8089	8091	8093	8107	11	22	8164	17	50	8082	82	8
8111	8112	8110	8101	8098	8097	8093	8095	8096	8111	11	40	8154	21	48	8091	63	9
8120	8112	8116	8114	8108	8100	8094	8084	8084	8111	13	00	8149	23	50	8082	67	10
8125	8125	8123	8125	8115	8110	8102	8107	8108	8122	11	18	8182	0	05	8086	96	11
8139	8079	8089	8078	8078	8087	8071	8050	8036	8117	11	05	8193	24	00	8036	157	12
8107	8095	8089	8087	8085	8084	8083	8084	8085	8084	12	00	8124	0	10	8022	102	13
8132	8093	8062	8031	8043	8052	8057	8060	8065	8092	12	12	8153	19	21	8025	128	14
8110	8102	8098	8092	8089	8087	8087	8084	8083	8099	11	05	8143	0	01	8066	77	15
8112	8107	8103	8099	8092	8090	8095	8096	8093	8110	11	50	8169	0	01	8083	86	16
8118	8105	8098	8090	8076	8074	8087	8083	8085	8112	11	00	8173	21	00	8074	99	17
8115	8106	8096	8085	8074	8069	8070	8068	8075	8102	11	00	8147	22	20	8065	82	18
8086	8070	8059	8045	8070	8049	8053	8065	8069	8090	11	37	8163	19	22	8044	119	19
8083	8088	8083	8080	8081	8082	8074	8064	8060	8091	11	15	8138	24	00	8060	78	20
8095	8098	8096	8090	8087	8086	8084	8087	8086	8089	11	35	8119	3	00	8067	52	21
8101	8092	8094	8092	8090	8089	8089	8089	8091	8105	10	33	8156	0	05	8083	73	22
8115	8109	8110	8109	8107	8102	8097	8098	8097	8108	11	40	8146	4	42	8088	58	23
8098	8104	8102	8090	8081	8072	8072	8068	8072	8106	12	00	8165	21	20	8066	99	24
8093	8091	8098	8087	8081	8077	8068	8059	8046	8093	11	00	8146	24	00	8046	100	25
8073	8061	8075	8076	8072	8053	8019	8020	8036	8071	10	33	8114	22	36	8010	104	26
8071	8071	8063	8066	8063	8066	8064	8065	8056	8072	12	12	8117	0	11	8027	90	27
8057	8062	8057	8052	8051	8046	8042	8046	8043	8061	11	08	8118	0	27	8036	82	28
8068	8063	8063	8062	8056	8057	8037	8045	8046	8065	10	30	8119	22	20	8035	84	29
8082	8076	8062	8056	8050	8045	8047	8053	8062	8074	10	12	8120	21	27	8044	76	30
8100	8093	8090	8084	8081	8078	8075	8074	8074	8096	---		8148	---		8061	87	---
8114	8108	8107	8103	8099	8095	8093	8091	8091	8108	---		8152	---		8082	70	---
8102	8079	8077	8068	8067	8067	8056	8051	8048	8089	---		8145	---		8029	116	---

DECEMBER, 1917. 30000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8085	8078	8071	8074	8071	8070	8060	8059	8061	8080	11	45	8129	22	20	8057	72	1
8083	8070	8066	8060	8056	8072	8049	8050	8051	8081	10	33	8130	20	20	8045	85	2
8086	8088	8076	8054	8044	8072	8040	8046	8055	8078	11	00	8130	22	24	8036	94	3
8082	8079	8078	8076	8065	8045	8042	8055	8043	8078	10	00	8125	21	45	8033	92	4
8081	8082	8078	8076	8070	8077	8067	8071	8066	8078	11	39	8116	0	01	8042	74	5
8093	8093	8084	8081	8079	8075	8074	8074	8073	8085	11	15	8117	1	00	8064	53	6
8072	8071	8076	8089	8095	8078	8079	8075	8079	8083	11	50	8119	2	20	8063	56	7
8071	8073	8078	8076	8066	8068	8078	8061	8068	8078	9	54	8125	22	50	8059	66	8
8059	8057	8056	8056	8057	8061	8062	8063	8067	8069	11	20	8088	17	20	8052	36	9
8082	8082	8078	8077	8072	8072	8077	8077	8069	8082	11	00	8107	0	50	8066	41	10
8114	8114	8107	8106	8104	8089	8089	8088	8090	8104	11	00	8148	0	01	8069	79	11
8086	8091	8081	8068	8068	8057	8058	8052	8064	8095	10	45	8147	23	05	8050	97	12
8092	8087	8078	8070	8075	8077	8074	8077	8076	8090	10	45	8131	0	01	8065	66	13
8094	8098	8096	8098	8100	8097	8100	8067	8076	8096	11	00	8130	23	00	8067	63	14
8088	8084	8085	8080	8081	8073	8070	8069	8075	8095	11	10	8150	23	00	8069	81	15
8085	8087	8076	8071	8058	8075	8061	8053	7976	8093	11	00	8167	23	57	7963	204	16
8008	8016	8013	8002	7976	7957	7981	7991	8002	7992	10	27	8074	2	05	7905	169	17
8102	8080	8045	7980	7944	7959	7975	8007	8005	8044	13	25	8150	19	24	7930	220	18
8040	8034	8033	8025	8028	8038	8025	8028	8033	---								19
8053	8062	8069	8066	8058	8061	8054	8042	8043	8079	11	30	8157	0	01	8034	123	20
8084	8080	8072	8070	8069	8068	8064	8072	8065	8072	11	50	8117	0	01	8043	74	21
8074	8076	8068	8062	8065	8062	8060	8056	8057	8073	11	06	8106	23	00	8056	50	22
8097	8093	8087	8085	8080	8072	8062	8050	8054	8085	10	36	8126	23	00	8050	76	23
8096	8092	8085	8083	8079	8080	8076	8075	8075	8089	10	00	8134	0	01	8055	79	24
8093	8082	8076	8079	8080	8075	8074	8079	8066	8096	11	15	8139	24	00	8066	73	25
8103	8066	8072	8077	8077	8077	8071	8066	8063	8083	10	57	8127	1	20	8057	70	26
8072	8071	8067	8067	8069	8071	8070	8081	8072	8076	10	40	8128	1	00	8048	80	27
8097	8093	8083	8080	8079	8076	8078	8076	8075	8094	11	00	8144	1	25	8064	80	28
8084	8076	8073	8075	8073	8076	8079	8075	8076	8105	10	20	8174	19	30	8071	103	29
8101	8101	8100	8099	8095	8092	8093	8092	8088	8106	10	10	8145	24	00	8088	57	30
8106	8102	8101	8097	8088	8075	8084	8082	8082	8102	11	45	8148	21	15	8073	75	31
8083	8079	8074	8070	8065	8064	8062	8062	8060	8082	---		8131	---		8045	86	---
8090	8088	8082	8078	8076	8072	8071	8068	8068	8086	---		8124	---		8062	62	---
8074	8064	8057	8041	8024	8027	8033	8036	8023	8058	---		8129	---		7983	146	---

HOURLY VALUES OF VERTICAL INTENSITY.

JANUARY, 1917. 10000 γ plus tabular quantities.

Day.	1 h	2 h	3 h	4 h	5 h	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	15 h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1012	1012	1011	1009	1007	1005	1004	1000	994	983	972	975	981	990	1000
2 [a]	999	1000	1001	1003	1005	1006	1009	1007	1006	996	987	985	988	992	993
3	992	993	997	1001	1002	1003	1002	1000							
4									1017	1010	993	983	991	994	1002
5 [b]	1005	1012	1010	1012	1007	999	1003	1005	1012	1011	1010	994	1006	1011	1010
6 [b]	1014	1014	1013	1008	1008	1007	1006	1006	1006	1001	997	993	997	998	1001
7	1008	1006	1010	1008	1006	1005	1004	1005	1008	1001	993	989	992	996	998
8	1012	1010	1010	1007	1007	1007	1006	1005	1004	1002	995	987	997	1002	1002
9	1017	1015	1014	1014	1013	1011	1009	1006	1005	997	983	981	982	992	1001
10	1018	1021	1014	1012	1012	1012	1012	1007	994	983	970	970	977	990	998
11	1005	1004	1004	1005	1005	1005	1007	1009	998	980	968	965	973	982	991
12 [b]	1007	1008	1005	1005	1005	1005	1005	1002	995	982	981	982	983	984	994
13	1007	1004	1004	1004	1003	1002	1000	1006	998	993	993	1002	1003	1004	1009
14															
15													1002	1003	1005
16	1016	1014	1016	1016	1016	1017	1017	1014	1000	983					
17															
18															
19															
20	1025	1026	1026	1026	1026	1026	1026	1026	1017	999	994	997	998	1005	1013
21	1028	1027	1026	1026	1026	1026	1025	1024	1018	1010	1006	1007	1003	1004	1008
22 [b]	1023	1028	1028	1026	1025	1028	1025	1027	1023	1008	990	996	1003	1010	1012
23 [b]	1023	1028	1023	1022	1021	1021	1019	1019	1016	1011	1000	1004	1013	1018	1018
24	1031	1031	1031	1031	1030	1026	1024	1026	1027	1017	1023	1018	1022	1022	1027
25	1030	1030	1031	1031	1031	1030	1026	1025	1015	1002	979	991	1001	1014	1025
26	1021	1024	1024	1022	1021	1021	1015	1014	1001	979	977	981	997	1012	1019
27 [a]	1025	1025	1026	1025	1023	1022	1022	1019	1008	987	975	978	995	1014	1020
28 [a]	1024	1024	1024	1026	1024	1024	1023	1021	1014	984	966	962	981	1000	1010
29 [a]	1025	1025	1027	1027	1027	1025	1025	1024	1016	999	972	973	986	997	1009
30 [a]	1025	1026	1028	1029	1028	1028	1029	1031	1023	999	973	968	983	1000	1004
31	1024	1023	1023	1022	1022	1022	1023	1022	1021	1002	987	987	993	999	1007
Mean	1017	1017	1017	1017	1016	1015	1015	1014	1009	997	987	986	994	1001	1007
Mean [a]	1020	1020	1021	1022	1021	1021	1022	1020	1013	993	975	973	987	1001	1007
Mean [b]	1014	1018	1016	1015	1013	1012	1012	1012	1010	1003	996	994	1000	1004	1007

[a] Five international quiet days; January 2, 27 and 30 used instead of January 3, 15 and 18.
[b] Five international disturbed days; January 6 used instead of January 4.

FEBRUARY, 1917. 10000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 [a]	1028	1029	1028	1026	1025	1027	1026	1025	1022	1012	983	964	979	987	1002
2	1016	1016	1017	1017	1017	1018	1019	1021	1015	1004	985	977	981	987	994
3	1014	1013	1014	1015	1014	1014	1015	1016	1014	1002	982	982	986	991	991
4	1012	1012	1012	1011	1011	1010	1009	1010	1006	1003	993	982	980	984	988
5	1012	1012	1012	1011	1010	1008	1006	1006	1003	989	974	966	963	979	988
6	1008	1007	1008	1007	1007	1006	1007	1008	1008	1006	995	991	990	989	998
7 [b]	1010	1009	1007	1009	1007	1005	1002	1000	997	990	984	975	975	984	995
8 [b]	1005	1005	1004	1004	1004	1005	1002	998	1000	1005	998	984	979	988	994
9 [a]	1009	1009	1009	1011	1009	1007	1002	999	987	978	975	976	978	987	996
10	1007	1007	1005	1004	1002	1002	1002	1001	997	990	983	978	981	980	987
11	1003	1004	1003	1003	1003	1001	996	991	983	973	965	967	969	982	995
12 [a]	1002	1002	1001	999	999	999	999	998	994	989	980	975	973	976	986
13 [a]	1001	1000	998	997	997	996	998	998	1000	991	979	971	972	977	992
14	998	998	998	998	998	998	1001	1005	1004	993	979	974	977	980	989
15 [b]	999	997	997	997	997	996	995	994	995	990	985	978	980	980	984
16 [b]	1004	1001	1004	1008	999	1003	1003	1000	992	983	970	970	974	979	990
17	1012	1011	1009	1008	1009	1008	1007	1006	1007	994	985	980	978	981	990
18 [b]	1006	1006	1006	1006	1003	1005	1003	1001	998	993	989	982	986	996	1001
19	1013	1012	1010	1007	1006	1005	1005	1003							
20															
21								983	980	979	977	979	989	993	997
22	997	994	992	992	992	990	988	983	975	968	962	964	975	987	997
23	1002	1001	999	997	996	995	992	989	973	960	948	949	958	975	989
24	1007	1007	1004	1001	999	999	999	997	984	971	966	962	968	989	994
25	1015	1015	1014	1013	1009	1009	1009	1008	1000	995	993	988	993	1000	1013
26	1025	1025	1025	1022	1020	1018	1018	1016	1015	1012	1006	1004	1009	1016	1022
27 [a]	1038	1038	1037	1037	1035	1032	1027	1024	1013	1006	1004	1009	1017	1029	1037
28	1048	1046	1045	1042	1041	1040	1036	1031	1021	1016	1017	1017	1023	1035	1043
Mean	1011	1011	1010	1009	1008	1008	1006	1004	999	992	983	979	982	990	998
Mean [a]	1016	1016	1015	1014	1013	1012	1010	1009	1003	995	984	979	984	991	1003
Mean [b]	1005	1004	1004	1005	1002	1003	1001	999	996	992	985	978	979	985	993

[a] Five international quiet days.
[b] Five international disturbed days; February 7 and 8 used instead of February 19 and 20.

HOURLY VALUES OF VERTICAL INTENSITY.

JANUARY, 1917. 10000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
1002	1000	998	998	999	998	999	1000	999	998	2	10	1013	11	15	970	43	1
994	988	985	985	985	985	987	990	991	994	7	00	1009	12	10	984	25	2
																	3
1007	1006	1005	1010	1013	1011	1017	1016	1011									4
1011	1012	1012	1011	1012	1014	1016	1016	1015	1009	22	08	1019	12	00	994	25	5
1001	1002	1003	1003	1005	1005	1008	1005	1007	1004	0	01	1015	11	42	992	23	6
1002	1004	1006	1014	1008	1011	1008	1012	1013	1004	1	12	1016	11	33	988	28	7
1002	1002	1007	1012	1014	1015	1018	1019	1018	1007	23	00	1019	11	50	986	33	8
1009	1011	1015	1018	1017	1017	1019	1019	1019	1008	5	12	1022	12	00	981	41	9
1000	1000	1001	1003	1004	1007	1007	1004	1007	1001	2	00	1021	11	24	969	52	10
1003	1005	1005	1007	1008	1008	1009	1009	1011	999	24	00	1011	11	18	962	49	11
994	995	999	1002	1003	1004	1005	1004	1004	998	2	00	1008	10	33	978	30	12
1010																	13
																	14
1011	1008	1007	1010	1012	1012	1013	1014	1016									15
																	16
																	17
																	18
		1020	1021	1023	1023	1023	1030	1024									19
1014	1019	1020	1024	1025	1027	1031	1026	1027	1018	22	00	1031	10	40	991	40	20
1013	1018	1018	1023	1024	1023	1025	1025	1025	1019	1	00	1028	13	00	1003	25	21
1016	1016	1017	1022	1021	1024	1022	1027	1022	1018	0	18	1031	11	20	989	42	22
1022	1019	1023	1025	1027	1027	1025	1030	1030	1020	23	10	1032	11	00	1000	32	23
1027	1027	1026	1026	1027	1027	1026	1028	1029	1026	2	48	1032	10	20	1013	19	24
1026	1024	1017	1019	1019	1019	1020	1023	1024	1019	4	16	1032	11	06	975	57	25
1026	1024	1018	1022	1018	1020	1021	1018	1024	1013	16	20	1028	10	36	968	60	26
1025	1022	1020	1020	1021	1020	1021	1021	1022	1015	3	00	1026	11	00	975	51	27
1019	1022	1019	1019	1020	1021	1022	1023	1024	1012	4	00	1026	11	30	958	68	28
1019	1020	1020	1027	1024	1021	1022	1023	1023	1015	1	28	1029	11	15	969	60	29
1011	1014	1016	1019	1020	1023	1022	1021	1024	1014	8	00	1031	11	40	967	64	30
1025	1022	1020	1020	1021	1020	1021	1021	1022	1015	3	00	1026	11	00	975	51	31
1012	1012	1012	1014	1015	1015	1016	1017	1017	1010			1023			981	42	
1014	1013	1012	1014	1014	1014	1015	1016	1017	1010			1024			971	53	
1009	1009	1011	1013	1014	1015	1015	1016	1016	1010			1021			991	30	

FEBRUARY, 1917. 10000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
1009	1012	1010	1015	1015	1015	1016	1018	1018	1012	1	12	1030	11	55	963	67	1
997	1003	1005	1010	1012	1012	1012	1013	1014	1007	8	00	1021	11	50	976	45	2
994	1001	1002	1006	1009	1012	1012	1012	1013	1005	8	00	1016	11	40	979	37	3
997	1001	1002	1006	1007	1009	1010	1010	1011	1003	0	05	1013	12	42	979	34	4
994	1000	1001	1003	1004	1005	1005	1008	1010	999	1	55	1014	12	35	961	53	5
1002	1006	1006	1006	1008	1009	1008	1009	1010	1004	0	28	1012	14	00	989	23	6
1000	1001	1002	1004	1006	1006	1009	1007	1010	1000	23	40	1011	12	45	973	38	7
999	1005	1007	1009	1010	1010	1009	1009	1010	1002	20	20	1011	13	00	979	32	8
1002	1004	1004	1004	1006	1006	1007	1007	1008	999	1	24	1012	10	54	974	38	9
996	997	999	1001	1001	1000	1001	1005	1004	997	2	40	1008	12	00	978	30	10
1000	1000	1000	1001	1000	1001	1001	1001	1003	994	2	00	1004	10	50	964	40	11
993	994	994	994	996	997	999	999	1001	993	1	05	1003	12	35	972	31	12
997	998	996	995	996	996	997	1000	1000	993	1	00	1001	12	25	970	31	13
994	992	995	996	997	997	998	1000	1001	994	8	00	1005	11	40	973	32	14
990	993	995	996	999	1001	1001	1005	1001	994	23	08	1007	12	00	978	29	15
998	1004	1005	1006	1008	1010	1011	1014	1015	998	24	00	1015	11	30	969	46	16
994	998	1003	1007	1009	1009	1012	1013	1017	1002	24	00	1017	13	00	978	39	17
1001	998	1001	1008	1010	1009	1012	1015	1017	1002	24	00	1017	12	00	982	35	18
																	19
																	20
995	993	993	994	996	994	997	998	997									21
998	998	1000	1003	1002	1002	1002	1002	1003	990	19	15	1004	11	00	962	42	22
999	997	999	1000	1001	1002	1005	1004	1006	989	24	00	1006	11	00	948	58	23
1002	1007	1007	1008	1010	1012	1013	1013	1014	997	24	00	1014	12	00	962	52	24
1018	1019	1020	1020	1019	1020	1021	1023	1024	1011	24	00	1024	12	00	988	36	25
1031	1052	1030	1031	1032	1031	1031	1036	1037	1023	24	00	1037	12	00	1004	33	26
1040	1042	1040	1043	1046	1045	1045	1045	1048	1032	24	00	1048	11	00	1004	44	27
1044	1044	1042	1046	1047	1048	1047	1047	1047	1038	0	25	1049	10	00	1016	33	28
1003	1005	1006	1008	1009	1010	1011	1012	1013	1003			1016			977	39	
1008	1010	1009	1010	1012	1012	1013	1014	1015	1006			1019			977	42	
998	1000	1002	1005	1007	1007	1008	1010	1011	999			1012			976	36	

HOURLY VALUES OF VERTICAL INTENSITY.

MARCH, 1917. 10000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1049	1049	1048	1045	1045	1045	1046	1039	1029	1027	1022	1016	1019	1022	1027
2 [a]	1041	1044	1044	1047	1049	1047	1051	1056	1053	1046	1044	1043	1044	1043	1040
3 [a]	1050	1052	1050	1050	1049	1050	1050	1049	1043	1032	1019	1016	1019	1024	1027
4 [b]	1051	1052	1052	1051	1050	1048	1050	1054	1045	1039	1027	1030	1037	1045	1048
5 [b]	1053	1053	1051	1053	1053	1051	1051	1042	1035	1025	1022	1022	1047	1046	1049
6	1052	1052	1052	1052	1052	1052	1045	1037	1027	1023	1017	1023	1025	1034	1045
7	1061	1061	1058	1059	1056	1056	1052	1044	1038	1027	1026	1026	1040	1049	1051
8 [b]	1058	1058	1055	1054	1054	1054	1053	1047	1040	1028	1028	1030	1043	1051	1053
9	1064	1063	1063	1064	1063	1061	1059	1053	1039	1027	1024	1029	1046	1056	1057
10	1063	1063	1062	1062	1062	1062	1062	1055	1042	1031	1024	1028	1039	1056	1066
11	1069	1068	1068	1068	1066	1068	1069	1065	1058	1045	1033	1027	1038	1050	1052
12	1069	1069	1069	1069	1069	1069	1069	1062	1051	1043	1035	1033	1044	1049	1064
13	1071	1071	1071	1070	1070	1070	1068	1062	1053	1048	1036	1027	1034	1045	1059
14	1066	1067	1067	1065	1065	1067	1061	1055	1044	1034	1022	1027	1034	1044	1055
15	1066	1065	1064	1064	1062	1062	1064	1061	1051	1037	1026	1022	1030	1043	1051
16	1070	1068	1064	1064	1063	1063	1061	1053	1046	1033	1031	1028	1036	1047	1056
17	1060	1060	1055	1054	1052	1051	1049	1044	1040	1032	1031	1034	1037	1047	1052
18	1051	1049	1051	1051	1051	1049	1049	1040	1025	1013	1007	1010	1016	1028	1031
19	1045	1045	1045	1045	1046	1046	1045	1040	1031	1019	1007	1005	1011	1016	1022
20	1043	1043	1043	1042	1042	1042	1034	1031	1028	1025	1019	1016	1022	1025	1027
21 [b]	1039	1040	1042	1042	1042	1042	1039	1031	1017	1013	1001	1013	1011	1023	1028
22	1041	1039	1038	1038	1039	1039	1032	1027	1013	1007	1001	1003	1013	1022	1033
23	1039	1041	1041	1039	1038	1041	1036	1029	1013	1004	1000	1000	1006	1021	1024
24	1036	1036	1035	1035	1035	1038	1039	1029	1009	993	986	986	993	1006	1015
25 [b]	1035	1035	1035	1036	1036	1038	1036	1030	1018	1007	995	992	996	1013	1021
26	1037	1038	1040	1040	1040	1040	1037	1028	1012	1008	999	994	991	1000	1009
27	1037	1037	1037	1035	1035	1035	1029	1026	1021	1011	1005	1006	1009	1015	1023
28 [a]	1041	1041	1040	1037	1035	1034	1029	1029	1025	1015	1012	1009	1012	1017	1023
29 [a]	1040	1040	1040	1038	1037	1038	1032	1029	1023	1017	1014	1008	1012	1021	1029
30 [a]	1040	1039	1036	1034	1031	1031	1031	1030	1028	1025	1016	1013	1013	1017	1020
31	1040	1037	1037	1037	1037	1036	1031	1027	1024	1010	1005	999	1002	1007	1017
Mean	1051	1051	1050	1050	1049	1049	1047	1042	1033	1024	1017	1017	1023	1032	1038
Mean [a]	1042	1043	1042	1041	1040	1040	1039	1039	1034	1027	1021	1018	1020	1024	1028
Mean [b]	1047	1048	1047	1047	1047	1047	1046	1041	1031	1022	1015	1017	1027	1036	1040

[a] Five international quiet days. [b] Five international disturbed days.

APRIL, 1917. 10000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1045	1045	1043	1040	1040	1040	1039	1040	1037	1033	1024	1019	1016	1020	1025
2	1045	1045	1043	1042	1042	1040	1040	1040	1036	1027	1020	1014	1024	1024	1025
3 [b]	1050	1049	1045	1045	1045	1042	1038	1033	1032	1024	1018	1023	1023	1034	1040
4	1051	1050	1050	1045	1043	1045	1039	1030	1027	1019	1013	1008	1012	1027	1038
5 [b]	1054	1054	1049	1046	1046	1046	1043	1040	1034	1029	1026	1028	1040	1051	1051
6 [b]	1059	1059	1057	1056	1054	1053	1048	1042	1033	1028	1025	1027	1031	1037	1047
7	1055	1058	1055	1053	1052	1050	1046	1041	1033	1026	1020	1021	1035	1046	1053
8	1061	1060	1057	1054	1052	1052	1048	1040	1034	1022	1012	1019	1028	1035	1046
9								1031	1025	1015	1008	1001	1007	1016	1028
10 [a]	1056	1056	1055	1052	1049	1049	1044	1041	1035	1032	1023	1018	1022	1029	1040
11 [a]	1054	1053	1051	1047	1045	1045	1044	1035	1027	1015	1010	1001	1010	1022	1036
12	1052	1050	1049	1046	1044	1044	1044	1041	1032	1026	1017	1009	1006	1012	1027
13	1059	1057	1054	1051	1049	1051	1051	1046	1037	1034	1023	1017	1022	1028	1039
14 [a]	1059	1058	1053	1048	1048	1048	1047	1044	1038	1025	1018	1018	1021	1031	1040
15									1033	1022	1016	1017	1017	1026	1040
16 [b]	1057	1057	1056	1054	1056	1054	1049	1040	1039	1037	1031	1025	1030	1037	1042
17	1056	1055	1051	1053	1053	1053	1042	1036	1035	1030	1025	1025	1027	1030	1033
18	1050	1047	1047	1046	1046	1046	1035	1031	1024	1020	1015	1014	1017	1028	1034
19	1051	1048	1046	1046	1043	1042	1042	1039	1031	1023	1013	1010	1025	1033	1037
20 [a]	1051	1049	1049	1046	1046	1045	1043	1039	1033	1027	1025	1027	1031	1036	1045
21	1056	1054	1054	1054	1054	1053	1045	1040	1030	1025	1020	1020	1027	1037	1045
22	1055	1055	1053	1050	1048	1047	1044	1036	1033	1018	1010	1006	1009	1021	1036
23	1051	1052	1052	1051	1046	1046	1043	1041	1038	1028	1025	1025	1025	1034	1038
24	1056	1056	1054	1053	1053	1053	1053	1048	1042	1039	1027	1027	1028	1031	1042
25	1052	1050	1050	1050	1050	1049	1042	1038	1035	1027	1023	1029	1033	1036	1044
26 [b]	1049	1049	1049	1049	1049	1048	1043	1038	1035	1023	1012	1011	1018	1032	1034
27 [a]	1050	1047	1048	1050	1050	1048	1040	1036	1024	1016	1007	1013	1024	1031	1037
28	1049	1047	1047	1049	1050	1050	1046	1041	1032	1021	1010	1015	1018	1026	1032
29	1041	1040	1038	1037	1037	1037	1034	1028	1020	1014	1011	1008	1015	1020	1029
30	1040	1040	1039	1036	1033	1031	1024	1016	1010	996	993	995	1004	1018	1022
Mean	1052	1051	1050	1048	1047	1047	1043	1038	1032	1024	1017	1016	1022	1030	1038
Mean [a]	1054	1053	1051	1049	1048	1047	1044	1039	1031	1023	1017	1015	1022	1030	1040
Mean [b]	1054	1054	1051	1050	1050	1049	1044	1039	1035	1028	1022	1023	1028	1038	1043

[a] Five international quiet days. [b] Five international disturbed days; April 8 used instead of April 9.

HOURLY VALUES OF VERTICAL INTENSITY.

MARCH, 1917. 10000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
1031	1032	1033	1034	1037	1036	1037	1039	1042	1035	0	15	1050	12	00	1016	34	1
1041	1040	1039	1040	1040	1044	1041	1046	1049	1045	8	00	1056	18	00	1039	17	2
1035	1035	1035	1038	1045	1046	1048	1049	1051	1040	24	00	1051	12	00	1016	35	3
1045	1043	1043	1044	1045	1047	1047	1048	1052	1046	8	00	1054	11	00	1027	27	4
1051	1044	1042	1046	1046	1049	1049	1050	1053	1045	15	25	1055	11	08	1021	34	5
1046	1045	1045	1053	1056	1057	1057	1060	1062	1045	24	00	1062	11	00	1017	45	6
1052	1051	1048	1051	1054	1058	1061	1061	1059	1050	0	47	1062	11	21	1024	38	7
1057	1057	1058	1058	1060	1058	1060	1061	1062	1052	24	00	1062	11	20	1027	35	8
1060	1059	1054	1057	1059	1060	1063	1064	1066	1055	24	00	1066	10	46	1023	43	9
1067	1060	1058	1063	1064	1064	1066	1067	1069	1056	24	00	1069	11	00	1024	45	10
1054	1055	1057	1059	1062	1061	1065	1068	1069	1058	6	30	1070	12	00	1027	43	11
1067	1065	1064	1065	1065	1067	1068	1068	1071	1061	24	00	1071	12	00	1033	38	12
1063	1066	1064	1066	1067	1067	1070	1071	1070	1061	2	40	1072	11	50	1026	46	13
1056	1056	1058	1062	1063	1065	1065	1065	1066	1055	6	10	1068	11	00	1022	46	14
1055	1057	1055	1060	1065	1066	1066	1068	1069	1055	24	00	1069	12	00	1022	47	15
1058	1059	1057	1058	1059	1060	1061	1061	1060	1055	1	00	1070	12	00	1028	42	16
1052	1047	1041	1044	1046	1047	1047	1049	1052	1047	2	10	1062	11	00	1031	31	17
1033	1034	1036	1037	1039	1040	1040	1042	1043	1036	3	50	1052	11	00	1007	45	18
1025	1027	1027	1034	1037	1039	1039	1039	1040	1032	5	30	1046	12	00	1005	41	19
1027	1034	1034	1034	1036	1037	1036	1037	1039	1033	1	35	1044	12	00	1016	28	20
1036	1036	1034	1037	1039	1039	1040	1042	1042	1032	3	25	1043	10	48	999	44	21
1035	1030	1029	1033	1035	1035	1035	1038	1038	1029	1	42	1043	11	36	1000	43	22
1024	1024	1026	1030	1032	1030	1035	1035	1036	1027	3	15	1043	11	33	998	45	23
1018	1019	1021	1026	1029	1029	1030	1032	1033	1021	6	40	1040	11	24	985	55	24
1026	1033	1030	1029	1029	1026	1029	1033	1036	1025	6	00	1038	12	00	992	46	25
1018	1028	1028	1031	1031	1032	1034	1035	1037	1024	5	48	1041	11	51	989	52	26
1026	1028	1028	1032	1034	1035	1037	1038	1040	1027	23	15	1042	11	00	1005	37	27
1028	1029	1031	1032	1034	1035	1037	1037	1038	1029	0	25	1042	12	00	1009	33	28
1034	1034	1032	1034	1034	1035	1037	1038	1041	1031	24	00	1041	12	00	1008	33	29
1025	1028	1030	1030	1031	1036	1039	1039	1042	1029	24	00	1042	12	15	1012	30	30
1025	1030	1031	1034	1037	1040	1042	1045	1046	1028	24	00	1046	12	00	999	47	31
1041	1041	1041	1044	1045	1046	1048	1049	1051	1041	------		1054	------		1014	40	------
1033	1033	1033	1035	1037	1039	1040	1042	1044	1035	------		1046	------		1017	29	------
1043	1043	1041	1043	1044	1044	1045	1047	1049	1040	------		1050	------		1013	37	------

APRIL, 1917. 10000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
1031	1039	1040	1042	1042	1043	1044	1045	1045	1037	22	30	1047	12	50	1014	33	1
1042	1043	1043	1048	1051	1051	1053	1053	1054	1039	24	00	1054	12	00	1014	40	2
1048	1048	1049	1051	1051	1051	1052	1054	1052	1042	20	40	1058	11	20	1016	42	3
1039	1044	1044	1046	1049	1050	1050	1052	1053	1038	20	36	1055	11	20	1005	50	4
1051	1049	1049	1052	1057	1061	1061	1061	1061	1047	21	36	1063	11	03	1025	38	5
1045	1045	1048	1057	1059	1062	1062	1062	1063	1048	24	00	1063	11	08	1023	40	6
1056	1058	1056	1058	1059	1061	1061	1062	1064	1049	24	00	1064	11	20	1018	46	7
1048	1052	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	8
1041	1042	1051	1053	1054	1059	1059	1059	1059	------	------	------	------	------	------	------	------	9
1049	1051	1049	1051	1051	1051	1052	1054	1054	1044	0	21	1060	11	50	1016	44	10
1045	1048	1048	1048	1050	1050	1051	1051	1051	1039	0	50	1055	12	00	1001	54	11
1035	1043	1046	1047	1050	1055	1058	1058	1060	1040	24	00	1060	13	00	1006	54	12
1048	1054	1055	1055	1055	1057	1059	1059	1060	1047	24	00	1060	12	00	1017	43	13
1046	1049	1050	1050	1050	1052	1053	1055	1057	1044	0	01	1060	11	24	1016	44	14
1048	1049	1049	1051	1052	1051	1054	1057	1056	------	------	------	------	------	------	------	------	15
1049	1049	1051	1051	1052	1054	1056	1054	1056	1047	0	06	1058	12	00	1025	33	16
1036	1038	1039	1042	1044	1045	1047	1048	1051	1041	0	08	1057	12	18	1023	34	17
1038	1038	1040	1044	1046	1049	1050	1052	1050	1038	23	00	1052	11	30	1012	40	18
1045	1046	1045	1046	1046	1048	1049	1049	1051	1040	23	36	1052	12	00	1010	42	19
1046	1048	1046	1048	1048	1049	1051	1053	1054	1043	24	00	1054	10	18	1023	31	20
1048	1049	1048	1046	1046	1049	1051	1053	1054	1044	1	00	1056	11	15	1017	39	21
1038	1042	1038	1042	1045	1048	1048	1050	1052	1038	0	35	1057	12	00	1006	51	22
1046	1047	1049	1051	1054	1054	1054	1057	1058	1044	24	00	1058	11	27	1023	35	23
1046	1050	1051	1051	1050	1051	1053	1051	1057	1047	0	01	1058	11	20	1025	33	24
1045	1049	1047	1045	1045	1049	1049	1049	1052	1043	0	01	1057	11	27	1020	37	25
1041	1046	1046	1046	1048	1048	1049	1051	1052	1040	21	42	1056	11	33	1008	48	26
1042	1043	1042	1043	1045	1047	1048	1050	1051	1039	0	01	1052	11	24	1005	47	27
1041	1044	1041	1039	1042	1044	1044	1046	1044	1038	0	01	1051	11	00	1010	41	28
1034	1034	1035	1037	1037	1037	1038	1040	1040	1031	0	01	1044	12	00	1008	36	29
1031	1031	1031	1033	1036	1039	1042	1045	1045	1026	23	27	1047	10	15	989	58	30
1043	1046	1046	1047	1049	1051	1052	1053	1054	1041	------		1056	------		1014	42	------
1046	1048	1047	1048	1049	1050	1051	1053	1053	1042	------		1056	------		1012	44	------
1047	1047	1049	1051	1053	1055	1056	1056	1057	1045	------		1059	------		1019	40	------

HOURLY VALUES OF VERTICAL INTENSITY.

MAY, 1917. 10000 γ plus tabular quantities.

Day.	1 h	2 h	3 h	4 h	5 h	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	15 h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 [b]	1043	1041	1036	1033	1035	1033	1021	1015	1007	1012	1009	1010	1013	1020	1026
2 [b]	1043	1043	1042	1042	1043	1043	1031	1020	1016	999	1005	1014	1014	1019	1029
3 [b]	1041	1041	1036	1033	1033	1028	1022	1015	1005	1004	1007	1015	1021	1027	1034
4	1041	1041	1041	1041	1036	1033	1025	1018	1010	1005	1001	1013	1025	1030	1031
5	1041	1041	1041	1041	1041	1037	1033	1027	1016	1008	1005	1015	1019	1025	1033
6 [a]	1042	1041	1041	1039	1037	1034	1031	1027	1021	1011	1005	1013	1022	1027	1034
7	1040	1040	1036	1035	1033	1032	1029	1018	1006	1000	995	1001	1010	1017	1023
8 [a]	1033	1033	1033	1032	1030	1027	1023	1020	1015	1009	1004	1006	1012	1017	1023
9	1036	1035	1033	1032	1030	1030	1020	1017	1017	1017	1017	1012	1017	1021	1024
10	1040	1041	1040	1038	1036	1033	1027	1021	1017	1015	1014	1015	1018	1026	1035
11	1029	1029	1029	1029	1029	1031	1031	1029	1020	1016	1009	1011	1020	1026	1026
12	1037	1035	1034	1032	1032	1031	1029	1023	1020	1019	1014	1013	1013	1016	1023
13 [a]	1039	1037	1037	1034	1031	1031	1029	1028	1020	1009	1005	1002	1002	1008	1017
14	1032	1031	1031	1031	1031	1028	1026	1026	1022	1019	1013	1009	1014	1013	1020
15	1037	1035	1035	1035	1034	1031	1028	1025	1019	1014	1014	1014	1013	1017	1017
16	1031	1031	1028	1028	1028	1028	1029	------	------	------	------	1014	1016	1008	1011
17	1031	1028	1029	1029	1031	1029	1025	1017	1016	1013	1008	1011	1016	1023	1019
18	1032	1030	1032	1032	1030	1030	1024	1021	1015	1009	1003	1003	1001	1010	1012
19 [a]	1035	1035	1033	1035	1035	1035	1027	1018	1007	1004	1001	1001	1007	1012	1020
20 [a]	1027	1029	1029	1027	1026	1026	1026	1023	1015	1007	1003	995	998	1004	1009
21	1026	1024	1024	1024	1024	1023	1021	1020	1010	997	992	989	997	1004	1012
22	1033	1033	1032	1032	1032	1030	1023	1020	1012	1004	1001	998	998	1009	1018
23	1031	1030	1028	1027	1030	1027	1024	1018	1011	1002	996	995	998	999	1011
24	1022	1021	1022	1021	1021	1021	1016	1011	1004	990	982	985	984	995	1001
25	1018	1018	1016	1015	1016	1018	1015	1010	1002	993	987	984	984	990	998
26	1016	1016	1016	1015	1013	1013	1010	1004	998	993	989	984	990	992	998
27	1015	1013	1013	1013	1011	1011	1010	1008	1001	993	984	990	989	996	1001
28 [b]	1016	1016	1012	1012	1014	1014	1012	1012	1002	993	982	986	982	993	997
29 [b]	1016	1014	1014	1014	1012	1008	1000	997	986	982	979	976	977	986	996
30	1014	1012	1014	1012	1011	1008	1005	1002	993	985	980	983	986	999	1002
31	1012	1012	1011	1009	1011	1009	1006	1000	996	990	985	986	994	999	1008
Mean	1031	1030	1029	1028	1028	1026	1022	1017	1010	1004	1000	1001	1005	1011	1016
Mean [a]	1035	1035	1035	1033	1032	1031	1027	1023	1016	1008	1004	1003	1008	1014	1021
Mean [b]	1032	1031	1028	1027	1027	1025	1017	1012	1003	998	996	1000	1001	1009	1016

[a] Five international quiet days. [b] Five international disturbed days; May 29 used instead of May 16.

JUNE, 1917. 10000 γ plus tabular quantities.

	1 h	2 h	3 h	4 h	5 h	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	15 h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 [a]	1008	1006	1005	1005	1005	1003	999	994	982	979	976	973	976	979	979
2 [a]	1005	1002	1002	1002	1002	1002	1002	996	990	980	980	979	982	983	986
3	995	995	995	994	994	994	992	989	981	971	971	971	971	977	983
4	1001	999	999	998	996	993	990	988	988	987	979	982	986	986	987
5	1009	1009	1007	1006	1003	1000	1000	997	987	986	980	980	984	990	997
6	1016	1013	1013	1013	1013	1011	1011	1007	998	987	984	985	985	990	996
7 [b]	1018	1020	1017	1017	1017	1014	1008	1002	988	980	977	971	979	989	999
8	1024	1026	1024	1024	1024	1024	1021	1016	997	992	986	981	981	992	1004
9	1025	1025	1024	1022	1022	1022	1016	1008	993	976	972	973	988	993	998
10	1020	1018	1017	1017	1017	1020	1021	1021	1009	995	986	989	992	995	1006
11	1021	1021	1021	1021	1019	1021	1021	1018	1009	995	981	984	984	987	996
12	1023	1023	1023	1022	1022	1022	1020	1019	1014	1008	997	990	994	996	1004
13 [b]	1029	1028	1028	1028	1028	1028	1028	1023	1017	1011	1008	1005	998	1000	1008
14	1038	1038	1036	1035	1035	1033	1032	1029	1022	1016	1013	1007	1014	1019	1023
15	1041	1040	1040	1040	1040	1040	1038	1031	1027	1024	1020	1014	1011	1012	1023
16	1040	1040	1040	1040	1040	1040	1037	1031	1020	1006	1001	1012	1013	1018	1019
17	1042	1042	1043	1045	1043	1043	1036	1031	1025	1022	1008	1008	1010	1013	1025
18	1040	1040	1040	1040	1040	1040	1037	1032	1024	1012	1008	1009	1012	1014	1018
19 [a]	1036	1036	1035	1033	1033	1033	1031	1028	1019	1013	1007	1001	1002	1005	1012
20 [a]	1028	1029	1028	1028	1029	1029	1028	1025	1022	1017	1010	1000	1003	1005	1016
21	1038	1037	1037	1035	1033	1033	1033	1030	1021	1012	1004	1004	1006	1009	1014
22	1034	1033	1031	1031	1033	1030	1024	1019	1015	1005	995	995	998	1001	1013
23 [b]	1031	1032	1031	1031	1031	1029	1025	1019	1013	1009	1002	1005	1006	1014	1016
24 [b]	1029	1027	1027	1029	1026	1024	1023	1018	1006	995	988	988	992	997	1004
25 [b]	1028	1030	1027	1027	1027	1024	1019	1010	1004	992	993	996	993	998	1002
26	1023	1022	1022	1023	1022	1025	1023	1019	1008	996	986	986	985	983	996
27	1017	1017	1018	1017	1017	1015	1013	1010	1004	997	991	987	989	991	994
28	1008	1010	1010	1008	1011	1014	1011	1007	999	988	982	979	985	990	999
29	1015	1015	1015	1014	1012	1012	1011	1008	1002	996	985	989	994	1005	1008
30 [a]	1021	1021	1021	1021	1018	1016	1012	1006	1001	994	986	983	995	1001	1005
Mean	1023	1023	1023	1022	1022	1021	1019	1014	1006	998	992	991	994	998	1004
Mean [a]	1020	1019	1018	1018	1017	1017	1014	1010	1003	997	992	987	992	995	1000
Mean [b]	1027	1027	1026	1026	1026	1024	1021	1014	1006	997	994	993	994	1000	1006

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF VERTICAL INTENSITY.

MAY, 1917. 10000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
1029	1030	1033	1036	1038	1039	1039	1039	1041	1028	0	01	1045	9	00	1007	38	1
1040	1037	1042	1042	1040	1042	1042	1043	1045	1032	24	00	1045	10	00	999	46	2
1034	1036	1036	1034	1034	1036	1039	1041	1041	1029	0	01	1045	9	36	1002	43	3
1031	1031	1033	1034	1036	1036	1037	1037	1039	1029	0	06	1042	11	00	1001	41	4
1037	1037	1036	1034	1036	1034	1036	1039	1039	1031	1	20	1042	10	36	1003	39	5
1041	1039	1037	1037	1037	1037	1037	1039	1041	1032	1	00	1042	10	27	1003	39	6
1024	1026	1027	1029	1032	1032	1033	1032	1033	1024	0	01	1041	11	00	995	46	7
1026	1027	1030	1033	1035	1035	1036	1038	1038	1026	23	18	1040	10	48	1003	37	8
1027	1030	1032	1033	1035	1036	1036	1038	1040	1028	24	00	1040	11	18	1010	30	9
1036	1036	1036	1035	1035	1035	1035	1032	1030	1030	2	00	1041	11	00	1014	27	10
1029	1032	1031	1031	1031	1032	1034	1035	1037	1027	24	00	1037	11	00	1009	28	11
1031	1035	1034	1032	1031	1034	1034	1037	1039	1028	24	00	1039	11	36	1011	28	12
1025	1028	1031	1031	1031	1031	1031	1029	1031	1025	0	18	1040	12	48	1000	40	13
1025	1026	1028	1034	1032	1034	1035	1037	1039	1026	24	00	1039	12	00	1009	30	14
1019	1020	1020	1023	1025	1028	1031	1032	1031	1025	0	01	1039	12	48	1011	28	15
1017	1019	1017	1023	1026	1029	1029	1031	1032									16
1022	1025,	1026	1026	1028	1028	1029	1031	1031	1024	0	01	1032	11	18	1004	28	17
1017	1018	1021	1024	1026	1027	1029	1032	1033	1021	24	00	1033	11	10	999	34	18
1026	1024	1023	1024	1024	1026	1026	1027	1027	1022	1	06	1036	10	42	1000	36	19
1017	1018	1020	1020	1021	1021	1021	1023	1023	1018	2	10	1030	12	00	995	35	20
1017	1018	1021	1024	1024	1026	1027	1029	1029	1017	23	38	1035	11	30	987	48	21
1024	1026	1026	1027	1035	1029	1030	1030	1029	1022	20	00	1035	12	06	996	39	22
1022	1022	1021	1022	1022	1022	1021	1021	1021	1018	1	10	1032	11	15	993	39	23
1011	1013	1013	1015	1016	1016	1016	1018	1018	1010	0	12	1024	11	24	980	44	24
1007	1010	1008	1011	1011	1011	1013	1015	1015	1007	0	36	1020	11	40	981	39	25
1002	1005	1008	1010	1011	1013	1013	1015	1015	1006	0	15	1018	12	00	984	34	26
1005	1010	1013	1015	1016	1016	1016	1018	1016	1007	21	12	1019	11	20	982	37	27
1002	1002	1008	1009	1011	1012	1014	1015	1016	1006	23	24	1018	11	30	980	38	28
1003	1009	1009	1012	1014	1014	1014	1016	1016	1003	19	45	1018	12	00	976	42	29
1008	1017	1016	1014	1014	1014	1016	1014	1012	1005	17	00	1017	11	20	978	39	30
1011	1009	1009	1008	1006	1005	1006	1006	1006	1004	0	24	1014	11	24	982	32	31
1021	1023	1024	1025	1026	1027	1028	1029	1029	1020	---		1033	---		996	37	-------
1027	1027	1028	1029	1030	1030	1030	1031	1032	1025	---		1037	---		1000	37	-------
1022	1023	1026	1027	1027	1029	1030	1031	1032	1020	---		1034	---		993	41	-------

JUNE, 1917. 10000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
986	994	1000	1000	1002	1003	1003	1003	1005	994	1	00	1008	11	20	971	37	1
993	997	996	996	996	994	996	996	997	994	0	15	1006	12	00	979	27	2
989	989	991	992	995	995	997	998	1001	988	24	00	1001	10	30	969	32	3
992	1000	1003	1003	1003	1003	1005	1006	1006	995	23	10	1007	10	50	976	31	4
1001	1006	1007	1010	1010	1012	1012	1012	1013	1001	24	00	1013	11	36	978	35	5
1002	1005	1011	1013	1014	1016	1017	1017	1017	1006	21	20	1019	10	42	982	37	6
1008	1011	1012	1005	1017	1017	1017	1018	1020	1005	22	15	1021	12	12	968	53	7
1009	1012	1015	1015	1015	1018	1021	1021	1023	1011	1	24	1028	10	48	970	58	8
1008	1014	1014	1016	1017	1019	1020	1020	1020	1009	0	24	1026	11	00	972	54	9
1017	1020	1026	1021	1020	1021	1021	1021	1023	1013	18	00	1026	11	00	986	40	10
1007	1016	1018	1018	1018	1018	1019	1021	1021	1011	0	01	1023	11	00	981	42	11
1013	1020	1022	1023	1023	1023	1025	1027	1027	1016	23	45	1028	12	00	990	38	12
1017	1021	1028	1029	1032	1032	1034	1034	1034	1022	22	36	1036	13	00	998	38	13
1033	1033	1034	1036	1037	1037	1039	1040	1042	1030	23	42	1943	11	50	1005	38	14
1026	1027	1031	1034	1035	1037	1037	1038	1040	1031	0	01	1042	13	00	1011	31	15
1024	1033	1039	1039	1039	1039	1039	1041	1042	1030	23	30	1043	10	40	1000	43	16
1031	1034	1039	1039	1040	1040	1040	1040	1040	1032	4	00	1045	11	18	1006	39	17
1021	1029	1032	1032	1032	1034	1037	1037	1037	1029	0	18	1041	11	40	1006	35	18
1016	1024	1028	1025	1025	1027	1028	1028	1028	1023	0	01	1037	12	00	1001	36	19
1023	1029	1034	1031	1032	1036	1037	1039	1039	1025	22	33	1040	12	06	999	41	20
1020	1024	1029	1032	1032	1035	1035	1035	1035	1026	0	01	1039	12	30	1002	37	21
1025	1028	1030	1028	1030	1030	1031	1030	1030	1022	0	01	1035	12	08	993	42	22
1019	1019	1020	1023	1025	1029	1029	1029	1028	1021	0	33	1034	11	48	997	37	23
1010	1018	1021	1021	1021	1021	1024	1026	1027	1015	0	36	1032	11	18	983	49	24
1007	1011	1015	1016	1021	1021	1021	1022	1022	1014	2	12	1032	10	00	992	40	25
1009	1012	1011	1012	1012	1012	1014	1016	1014	1010	6	12	1027	11	27	980	47	26
1000	1001	1003	1004	1006	1006	1006	1006	1007	1005	3	00	1018	11	33	985	33	27
1005	1011	1013	1013	1013	1014	1014	1014	1016	1005	24	00	1016	11	24	977	39	28
1019	1020	1020	1020	1020	1020	1020	1020	1020	1011	20	36	1023	11	00	985	38	29
1009	1011	1013	1013	1013	1014	1013	1014	1013	1009	0	36	1022	12	00	983	39	30
1011	1016	1018	1019	1020	1021	1022	1022	1023	1013	---		1027	---		987	40	-------
1005	1011	1011	1013	1014	1015	1015	1016	1016	1009	---		1023	---		987	36	-------
1012	1016	1019	1019	1023	1024	1025	1026	1026	1015	---		1031	---		988	43	-------

HOURLY VALUES OF VERTICAL INTENSITY.

JULY, 1917. 10000 γ plus tabular quantities.

Day.	1 h	2 h	3 h	4 h	5 h	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	15 h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1015	1017	1015	1015	1017	1015	1014	1008	999	992	988	985	986	988	996
2 [b]	1013	1013	1013	1013	1012	1012	1016	1019	1019	1016	1007	998	1001	1001	1006
3	1018	1016	1018	1016	1015	1013	1010	1006	995	993	987	986	987	1001	1005
4	1015	1017	1015	1014	1014	1012	1005	1002	989	988	989	986	991	1002	1003
5	1009	1009	1010	1010	1010	1015	1007	1001	995	981	972	970	964	970	977
6 [a]	1004	1005	1005	1005	1005	1005	1004	997	997	988	981	976	978	981	984
7	1003	1003	1003	1003	1008	1017	1014	1003	988	971	963	960	965	972	988
8	1004	1007	1006	1006	1006	1013	1012	999	996	990	986	983	989	990	995
9	1005	1005	1005	1005	1007	1010	1011	1007	999	987	973	973	974	978	985
10	1006	1006	1006	1008	1009	1011	1011	1003	993	986	980	971	968	979	993
11	1004	1004	1004	1004	1006	1009	1007	1002	989	983	975	963	969	975	983
12	1014	1014	1016	1016	1019	1025	1020	1014	1002	990	979	977	984	993	1002
13 [b]	1017	1018	1017	1018	1017	1017	1017	1015	1008	1004	997	1004	998	1001	1001
14	1019	1016	1018	1019	1021	1022	1015	1007	996	984	993	1002	1001	999	993
15	1011	1011	1013	1016	1016	1017	1019	1019	1017	1010	1003	999	997	996	998
16 [a]	1008	1009	1011	1011	1012	1012	1009	1012	1009	999	989	993	996	998	999
17 [a]	1012	1012	1013	1015	1015	1016	1011	1005	1000	988	981	980	987	992	995
18 [a]	1014	1016	1016	1016	1017	1018	1010	1008	1005	998	990	994	997	1001	1014
19	1012	1014	1015	1018	1019	1022	1023	1018	1011	1000	994	983	984	998	1006
20 [a]	1013	1015	1016	1016	1019	1023	1013	1008	1001	996	987	988	990	993	997
21	1009	1010	1011	1013	1015	1019	1017	1011	1006	999	993	987	985	987	998
22 [b]	1010	1010	1011	1012	1014	1015	1019	1023	1014	999	996	983	991	991	989
23	1005	1006	1008	1009	1010	1013	1014	1012	1000	985	978	978	981	981	986
24	1009	1010	1010	1011	1013	1013	1013	1014	1016	1014	1006	995	987	983	990
25	(1006)	(1007)	(1009)	(1012)	(1013)	(1015)	(1016)	(1014)	(1010)	1009	1004	1002	998	992	988
26	1007	1007	1009	1009	1011	1014	1010	1009	1003	997	999	997	991	989	991
27	1010	1011	1012	1014	1015	1016	1016	1012	1004	1000	991	986	976	976	985
28	1008	1010	1013	1014	1016	1014	1012	1008	1005	993	985	978	980	985	986
29 [b]	1019	1019	1019	1019	1021	1022	1021	1017	1008	1008	1006	999	1004	1008	1008
30	1021	1021	1021	1021	1022	1022	1021	1017	1012	1004	1001	997	993	994	997
31 [b]	1009	1010	1011	1013	1015	1014	1014	1010	1009	1006	1001	996	991	994	1009
Mean	1011	1011	1012	1013	1014	1016	1014	1010	1003	995	989	986	987	990	995
Mean [a]	1010	1011	1012	1013	1014	1015	1009	1006	1002	994	986	986	990	993	998
Mean [b]	1014	1014	1014	1015	1016	1016	1017	1017	1012	1007	1001	996	997	999	1003

AUGUST, 1917. 10000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1030	1033	1030	1026	1027	1030	1025	1011	1002	1002	1001	1003	1002	1003	1006
2	1030	1031	1033	1033	1034	1035	1030	1023	1022	1019	1009	1010	1009	1009	1010
3	1019	1019	1020	1022	1024	1027	1022	1015	1014	1008	1003	1006	1008	1012	1016
4	1027	1029	1029	1031	1029	1032	1032	1027	1021	1009	1007	1008	1009	1012	1020
5 [a]	1034	1034	1037	1037	1038	1041	1040	1041	1034	1029	1025	1016	1008	1008	1015
6 [a]	1031	1032	1034	1035	1038	1039	1040	1034	1024	1014	1003	994	989	995	1007
7	1027	1028	1029	1029	1031	1032	1035	1033	1027	1013	1000	986	980	988	1000
8	1022	1022	1024	1025	1026	1029	1032	1034	1028	1016	998	991	995	991	1001
9 [b]	1027	1028	1030	1030	1031	1030	1027	1028	1022	1015	1010	1003	987	989	1006
10 [b]	1040	1036	1036	1036	1035	1041	1023	1033	1052	1029	1009	1023	1020	1020	1027
11	1030	1031	1031	1031	1031	1030	1030	1019	1014	1006	997	990	1003	1007	1010
12	1034	1034	1034	1032	1032	1032	1031	1028	1023	1012	1004	994	995	1001	1010
13 [b]	1020	1020	1019	1019	1019	1020	1017	1019	1019	1012	1008	1008	1008	1012	1016
14 [b]	1026	1026	1029	1025	1026	1028	1021	1010	1006	1004	1001	1003	1001	1001	1008
15	1030	1030	1030	1031	1030	1031	1033	1031	1033	1027	1025	1009	1017	1011	1011
16	1031	1031	1032	1032	1030	1031	1028	1027	1024	1019	1012	1010	1012	1011	1012
17	1032	1032	1034	1032	1034	1034	1032	1028	1022	1020	1015	1008	1008	1014	1022
18	1036	1036	1036	1038	1036	1036	1031	1027	1019	1014	1006	1006	1002	999	1010
19 [a]	1032	1032	1032	1032	1032	1035	1035	1030	1028	1019	1018	1010	1015	1016	1020
20	1036	1036	1037	1037	1037	1038	1038	1033	1022	1016	1009	1007	1004	1004	1009
21 [b]	1033	1033	1033	1034	1034	1036	1030	1026	1024	1017	1013	1011	1007	1008	1015
22	1030	1032	1032	1032	1030	1036	1040	1034	1033	1021	1015	1017	1011	1013	1011
23	1023	1026	1026	1027	1029	1031	1034	1030	1022	1018	1014	1003	996	994	993
24	1025	1027	1026	1027	1027	1030	1029	1026	1018	1015	1006	1005	1001	996	997
25	1026	1026	1027	1027	1029	1031	1033	1025	1019	1009	998	989	993	1001	1007
26	1026	1027	1027	1029	1030	1031	1030	1025	1019	978	1009	1017	1015	1014	1013
27	1022	1023	1025	1025	1026	1026	1025	1015	1015	1015	1014	1009	1009	1009	1011
28 [a]	1019	1022	1023	1025	1025	1027	1026	1023	1019	1014	1013	1010	1005	1009	1010
29 [a]	1025	1026	1026	1026	1029	1031	1029	1022	1014	1006	998	1000	1002	1007	1011
30	1026	1027	1027	1026	1026	1029	1022	1015	1007	1002	993	997	1002	1011	1013
31	1022	1025	1025	1026	1027	1030	1025	1013	1003	993	988	990	993	998	1003
Mean	1028	1029	1029	1030	1030	1032	1030	1025	1021	1013	1007	1004	1003	1005	1010
Mean [a]	1028	1029	1030	1031	1032	1035	1034	1030	1024	1016	1011	1006	1004	1007	1013
Mean [b]	1029	1029	1029	1029	1029	1031	1024	1023	1025	1015	1008	1010	1005	1006	1014

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF VERTICAL INTENSITY.

JULY, 1917. '10000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
1005	1006	1006	1006	1008	1008	1011	1011	1012	1005	5 40	1019	12 00	985	34	1
1013	1019	1015	1013	1013	1013	1015	1015	1016	1012	16 27	1021	12 15	997	24	2
1010	1017	1016	1014	1013	1013	1014	1013	1014	1008	0 30	1019	11 15	984	35	3
1011	1011	1009	1006	1006	1006	1006	1008	1009	1005	2 06	1018	11 40	984	34	4
984	992	993	995	998	998	1001	1001	1004	994	6 03	1016	13 00	964	52	5
994	999	1002	1002	1001	1001	999	1001	1004	997	5 48	1006	12 20	975	31	6
998	1000	1002	1000	1003	1002	1003	1005	1003	995	6 12	1018	11 37	958	60	7
1001	1004	1004	1001	1001	1003	1003	1003	1003	1000	6 09	1014	10 36	980	34	8
990	991	996	1000	1002	1002	1002	1004	1004	996	6 36	1013	11 24	971	42	9
1003	1008	1003	1001	1001	1001	1001	1003	1003	998	6 30	1012	13 00	968	44	10
1002	1007	1007	1006	1006	1009	1010	1012	1012	998	23 35	1013	12 05	962	51	11
1008	1013	1013	1011	1008	1011	1013	1013	1014	1007	6 00	1025	11 24	974	51	12
1012	1012	1012	1009	1011	1011	1009	1015	1015	1011	1 30	1019	11 27	990	29	13
995	996	996	998	1001	1001	1004	1005	1009	1005	6 00	1022	10 00	984	38	14
1001	1005	1001	1001	1001	1002	1002	1002	1005	1007	7 15	1020	13 24	992	28	15
999	1000	1001	1002	1002	1003	1005	1007	1009	1004	5 30	1014	10 45	991	23	16
1005	1005	1005	1007	1008	1009	1009	1012	1012	1004	5 30	1018	12 00	980	38	17
1018	1014	1010	1007	1007	1007	1007	1009	1010	1008	6 00	1018	11 00	990	28	18
1010	1008	1006	1004	1004	1006	1007	1008	1010	1008	7 00	1023	12 48	981	42	19
1001	1005	1002	1001	1001	1002	1005	1005	1006	1004	6 00	1023	11 06	986	37	20
1002	1001	995	997	998	1001	1002	1005	1006	1003	5 42	1020	12 32	984	36	21
984	991	999	996	995	996	999	1001	1001	1002	7 29	1024	11 20	981	43	22
988	992	996	997	998	1000	1001	1004	1006	998	7 00	1014	11 09	976	38	23
998	1003	1004	(1004)	(1005)	(1005)	(1006)	(1007)	(1007)	1005	9 27	1018	13 33	981	37	24
994	996	996	998	1000	1000	1002	1005	1006	1004	7 00	(1016)	15 00	988	28	25
998	1002	1002	1002	1002	1005	1006	1007	1007	1003	6 00	1014	14 00	989	25	26
996	1000	1003	1003	1003	1004	1005	1007	1008	1002	6 12	1018	13 27	975	43	27
996	1001	1008	1008	1009	1009	1013	1014	1017	1003	24 00	1017	12 00	978	39	28
1008	1008	1008	1013	1017	1019	1019	1019	1020	1014	6 00	1022	12 03	997	25	29
1001	1001	1000	1001	1002	1004	1004	1005	1006	1008	5 30	1023	12 36	991	32	30
1017	1018	1015	1014	1017	1019	1021	1026	1029	1012	23 26	1031	13 00	991	40	31
1001	1004	1004	1004	1005	1005	1007	1008	1009	1004	---	1018	---	981	37	---
1003	1005	1004	1004	1004	1004	1005	1007	1008	1003	---	1016	---	984	32	---
1007	1010	1010	1009	1011	1012	1013	1015	1016	1010	---	1023	---	991	32	---

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γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
1011	1013	1014	1013	1017	1022	1023	1026	1029	1017	2 00	1033	10 42	999	34	1
1010	1010	1010	1010	1011	1013	1014	1018	1018	1019	6 00	1035	11 24	1007	28	2
1023	1026	1022	1020	1020	1020	1022	1023	1024	1018	5 57	1028	11 33	1001	27	3
1027	1028	1028	1025	1025	1027	1028	1029	1031	1024	6 03	1033	11 00	1007	26	4
1018	1021	1020	1022	1024	1025	1028	1029	1029	1027	6 33	1042	12 57	1006	36	5
1015	1019	1020	1019	1019	1020	1022	1023	1024	1020	6 30	1041	12 27	987	54	6
1012	1017	1017	1015	1016	1017	1019	1020	1021	1016	7 25	1037	12 24	977	60	7
1012	1012	1012	1013	1017	1020	1022	1022	1024	1016	8 00	1034	11 54	989	45	8
1027	1022	1032	1032	1027	1028	1031	1034	1035	1022	23 36	1037	12 36	984	53	9
1032	1027	1025	1025	1025	1025	1027	1027	1028	1029	1 00	1040	11 36	992	48	10
1014	1017	1021	1023	1026	1029	1030	1031	1031	1020	1 50	1033	12 00	990	43	11
1014	1019	1015	1015	1015	1018	1018	1018	1019	1019	0 15	1035	12 20	992	43	12
1016	1013	1009	1009	1009	1012	1015	1024	1020	1015	22 55	1043	10 50	1006	37	13
1010	1013	1010	1013	1016	1008	1016	1026	1026	1015	1 24	1039	9 45	996	43	14
1011	1011	1014	1018	1023	1027	1029	1027	1029	1024	6 15	1035	12 00	1009	26	15
1015	1015	1016	1020	1023	1024	1026	1028	1031	1022	3 10	1034	12 15	1008	26	16
1030	1032	1030	1030	1032	1032	1034	1035	1036	1027	24 00	1036	12 15	1006	30	17
1015	1022	1024	1024	1026	1028	1028	1030	1031	1023	4 00	1038	13 30	997	41	18
1028	1031	1030	1028	1029	1032	1032	1033	1035	1028	6 36	1037	12 20	1008	29	19
1017	1021	1022	1022	1024	1029	1030	1033	1034	1025	6 50	1039	12 45	1002	37	20
1015	1015	1015	1017	1016	1015	1020	1026	1029	1022	6 00	1036	13 00	1007	29	21
1011	1009	1006	1006	1009	1013	1015	1018	1021	1021	2 33	1041	13 37	1004	37	22
996	1000	1003	1005	1006	1011	1017	1015	1018	1014	6 48	1036	15 00	993	43	23
1002	1006	1010	1014	1015	1018	1021	1025	1026	1016	1 45	1035	14 10	994	41	24
1011	1013	1013	1013	1015	1018	1021	1022	1023	1016	6 36	1034	12 00	989	45	25
1011	1010	1010	1010	1010	1013	1015	1017	1019	1017	3 36	1036	10 24	968	68	26
1010	1007	1006	1007	1009	1011	1014	1015	1017	1015	5 50	1028	18 00	1006	22	27
1011	1010	1009	1011	1015	1018	1019	1021	1023	1017	6 00	1027	13 00	1005	22	28
1017	1018	1018	1018	1019	1021	1021	1023	1025	1018	6 00	1031	11 24	996	35	29
1014	1010	1006	1007	1010	1011	1013	1015	1019	1014	6 00	1029	11 18	991	38	30
1006	1006	1005	1006	1007	1010	1013	1013	1014	1010	5 50	1031	11 10	986	45	31
1015	1016	1016	1016	1018	1020	1022	1024	1025	1020	---	1035	---	997	38	---
1018	1020	1019	1020	1021	1023	1024	1026	1027	1022	---	1035	---	1000	35	---
1020	1018	1018	1019	1019	1018	1022	1027	1028	1021	---	1039	---	997	42	---

HOURLY VALUES OF VERTICAL INTENSITY.

SEPTEMBER, 1917.

10000 γ plus tabular quantities.

Day.	1 h	2 h	3 h	4 h	5 h	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	15 h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 [a]	1017	1017	1019	1022	1026	1028	1026	1014	995	985	975	975	981	988	1000
2 [b]	1017	1019	1021	1022	1022	1028	1017	1007	997	987	981	985	992	998	1009
3	1023	1024	1026	1027	1029	1030	1024	1019	1016	1004	995	990	995	1004	1010
4	1015	1016	1018	1020	1022	1024	1017	1011	1004	992	987	987	992	998	1007
5 [b]	1018	1020	1023	1025	1027	1030	1023	1016	1006	987	975	979	984	996	1008
6	1029	1026	1027	1027	1027	1026	1026	1025	1021	1013	1004	1001	1003	1008	1016
7	1031	1030	1030	1030	1029	1030	1025	1013	1002	992	982	982	986	992	999
8	1019	1018	1018	1019	1020	1023	1017	1005	997	988	979	981	982	990	997
9 [b]	1017	1017	1019	1019	1019	1023	1015	1008	1002	990	985	979	986	996	998
10	1017	1018	1019	1020	1022	1024	1021	1014	1007	1001	990	994	995	1002	1007
11 [a]	1019	1020	1021	1021	1022	1022	1018	1009	1006	1002	994	997	1002	1009	1013
12	1024	1024	1024	1024	1025	1026	1013	999	989	982	980	982	989	995	1002
13	1019	1020	1019	1019	1021	1022	1012	1000	990	988	983	981	986	991	995
14	1007	1008	1009	1011	1013	1015	1010	999	981	958	956	961	973	985	994
15	1014	1015	1016	1017	1018	1019	1011	999	987	980	976	977	979	990	996
16	1011	1011	1011	1012	1013	1015	1010	1002	993	984	977	983	989	996	1001
17	1012	1012	1011	1011	1012	1014	1009	1002	994	978	971	976	985	999	1004
18	1019	1019	1018	1018	1019	1020	1017	1007	1000	990	979	983	987	995	1004
19 [b]	1012	1012	1012	1013	1013	1016	1016	1009	991	983	972	967	986	1000	1011
20	1014	1015	1014	1015	1016	1017	1013	1005	999	989	989	991	993	998	1004
21	1017	1017	1016	1017	1020	1020	1014	1008	1003	999	992	994	996	1000	1004
22	1014	1013	1014	1014	1013	1014	1010	1003	994	983	978	985	989	998	1005
23 [a]	1015	1017	1016	1017	1017	1018	1018	1011	1005	996	989	986	994	998	1001
24	1011	1011	1012	1013	1013	1014	1007	1003	1001	996	986	989	994	998	1003
25 [a]	1015	1016	1016	1017	1018	1018	1012	1006	996	984	975	972	979	989	998
26 [a]	1016	1018	1016	1016	1017	1018	1013	1001	992	982	976	971	971	985	999
27	1016	1016	1015	1014	1013	1012	1008	1003	996	989	981	983	989	995	1002
28	1016	1017	1018	1019	1020	1021	1016	1010	1003	998	992	988	992	998	1005
29	1017	1018	1017	1018	1020	1021	1017	1009	999	992	992	994	1000	1011	1013
30 [b]	1018	1018	1020	1018	1018	1018	1013	1001	984	974	976	979	989	1000	1006
Mean	1017	1017	1018	1018	1019	1021	1016	1007	998	989	982	983	989	997	1004
Mean [a]	1016	1018	1018	1019	1020	1021	1017	1008	999	990	982	980	985	994	1002
Mean [b]	1016	1017	1019	1019	1020	1023	1017	1008	996	984	978	978	987	998	1006

OCTOBER, 1917.

10000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1016	1014	1016	1014	1016	1018	1014	1007	990	977	977	978	992	1002	1009
2	1014	1018	1014	1014	1014	1014	1011	1002	987	978	970	973	989	997	1007
3 [b]	1007	1005	1008	1008	1010	1010	1007	996	983	979	979	981	988	995	1001
4	1013	1011	1013	1015	1017	1015	1013	1002	986	979	977	979	984	996	992
5	1013	1015	1013	1011	1009	1011	1002	992	982	977	965	961	965	979	994
6	1003	1005	1003	1005	1003	1012	1008	1001	989	980	972	974	976	985	993
7	1004	1002	1002	1002	1002	1004	1002	1000	996	984	977	973	977	990	994
8	1006	1006	1004	1004	1006	1009	1004	998	990	977	965	961	961	975	984
9	1005	1007	1005	1003	1005	1010	1007	1003	993	987	985	982	987	989	989
10	1006	1008	1008	1008	1013	1015	1011	996	992	990	975	973	983	983	992
11	1011	1011	1008	1008	1011	1013	1011	1006	996	992	971	956	965	979	986
12	1003	1003	1001	999	1003	1003	1001	999	989	982	970	970	980	993	997
13 [b]	1004	1004	1004	1002	1006	1006	1004	1000	994	983	975	975	981	994	998
14 [b]	1007	1003	1007	1007	1007	1007	1009	1005	991	982	974	984	984	984	995
15	1004	1006	1004	1006	1006	1010	1006	996	985	975	977	981	992	1000	1000
16 [a]	1005	1005	1005	1007	1007	1009	1007	1003	991	978	970	970	986	993	997
17	1004	1002	1002	1004	1006	1008	1004	994	987	973	969	971	981	989	1000
18	1008	1006	1006	1006	1006	1006	1000	996	985	971	964	966	979	987	992
19 [a]	1010	1012	1014	1012	1014	1017	1014	1006	996	983	979	975	987	989	998
20 [a]	1007	1009	1011	1009	1011	1013	1009	1003	997	986	982	983	988	990	995
21 [a]	1009	1007	1007	1007	1007	1009	1009	1007	990	986	976	980	986	993	1001
22 [a]	1007	1007	1007	1007	1007	1007	1009	1005	997	988	978	974	976	982	986
23	1008	1006	1004	1004	1006	1008	1006	1002	994	985	979	973	975	975	985
24	1006	1006	1004	1006	1008	1008	1008	1004	994	987	983	983	981	981	991
25	1012	1010	1010	1010	1010	1010	1010	1008	1002	994	989	996	1004	1004	1000
26	1014	1014	1012	1008	1008	1008	1006	1004	1002	996	983	979	985	989	994
27	1017	1020	1020	1020	1017	1015	1011	1007	995	986	978	980	982	988	997
28 [b]	1015	1013	1011	1011	1009	1009	1009	1007	1001	992	988	990	995	995	1001
29 [b]	1022	1022	1024	1024	1022	1020	1017	1015	1013	1009	1001	1009	1013	1013	1015
30	1022	1022	1024	1024	1022	1020	1011	1007	1005	1003	1005	1007	1011	1011	1013
31	1025	1025	1023	1025	1023	1025	1023	1012	1004	1000	998	998	1002	1014	1016
Mean	1010	1010	1009	1009	1010	1011	1008	1003	993	985	978	979	985	991	997
Mean [a]	1008	1008	1009	1008	1009	1011	1010	1005	994	984	977	976	985	989	995
Mean [b]	1011	1009	1011	1010	1011	1010	1009	1005	996	989	983	988	992	996	1002

[a] Five international quiet days.

[b] Five international disturbed days.

HOURLY VALUES OF VERTICAL INTENSITY.

SEPTEMBER, 1917. 10000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.			Minimum.			Range.	Day.
										h.	m.		h.	m.			
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ			γ			γ	γ	
1004	1004	1000	1004	1007	1007	1009	1012	1016	1005	6	00	1028	11	40	974	54	1
1010	1009	1009	1010	1014	1014	1016	1019	1022	1009	6	00	1028	11	00	981	47	2
1014	1013	1010	1008	1006	1008	1010	1012	1014	1013	5	40	1031	12	00	990	41	3
1010	1009	1007	1007	1009	1011	1013	1015	1018	1009	6	00	1024	11	27	986	38	4
1020	1015	1016	1020	1025	1030	1027	1028	1028	1014	20	36	1032	11	00	975	57	5
1021	1026	1025	1024	1026	1027	1028	1029	1031	1022	24	00	1031	12	00	1001	30	6
1005	1007	1007	1008	1010	1012	1014	1015	1018	1010	1	00	1031	11	40	981	50	7
1002	1003	1004	1005	1007	1010	1014	1016	1017	1005	6	00	1023	11	00	979	44	8
1007	1012	1012	1012	1014	1014	1017	1019	1019	1008	6	00	1023	12	00	979	44	9
1010	1009	1011	1012	1014	1014	1015	1015	1017	1011	6	00	1024	11	00	990	34	10
1014	1013	1013	1014	1016	1018	1021	1023	1025	1014	24	00	1025	11	00	994	31	11
1004	1003	1004	1010	1013	1016	1017	1018	1019	1008	5	45	1027	11	00	980	47	12
1000	999	998	999	1001	1003	1004	1006	1007	1003	6	00	1022	12	00	981	41	13
1002	1001	1000	1002	1005	1009	1011	1012	1014	997	6	00	1015	11	20	954	61	14
1002	1001	1001	1004	1006	1007	1008	1010	1011	1002	6	00	1019	11	00	976	43	15
1005	1003	1002	1003	1004	1006	1007	1009	1011	1002	6	00	1015	11	00	977	38	16
1009	1010	1012	1014	1015	1016	1017	1018	1019	1005	24	00	1019	11	00	971	48	17
1008	1006	1005	1006	1007	1008	1010	1011	1011	1006	5	44	1022	11	00	979	43	18
1012	1007	1014	1008	1005	1006	1009	1009	1012	1004	5	54	1017	11	45	966	51	19
1007	1005	1006	1009	1010	1011	1013	1015	1016	1007	6	00	1017	10	37	988	29	20
1008	1008	1008	1009	1010	1011	1012	1015	1014	1009	5	48	1021	11	00	992	29	21
1008	1006	1008	1009	1010	1011	1011	1012	1013	1005	5	46	1015	11	00	978	37	22
1002	1002	1002	1003	1003	1004	1005	1008	1011	1006	5	50	1019	12	00	986	33	23
1008	1007	1006	1007	1009	1010	1011	1012	1013	1006	6	00	1014	11	12	985	29	24
1001	1002	1004	1006	1009	1010	1012	1013	1014	1003	5	45	1019	11	35	971	48	25
1003	1005	1007	1008	1010	1010	1011	1014	1016	1003	1	33	1019	12	35	969	50	26
1005	1007	1008	1010	1011	1011	1013	1015	1016	1005	5	25	1017	11	00	981	36	27
1009	1006	1009	1012	1012	1013	1013	1015	1016	1009	5	48	1022	12	00	988	34	28
1012	1012	1012	1013	1013	1013	1015	1018	1018	1011	6	00	1021	10	20	991	30	29
1008	1006	1006	1008	1013	1010	1015	1015	1015	1005	3	00	1020	10	42	973	47	30
1008	1007	1007	1009	1010	1012	1013	1015	1016	1007	---		1022	---		981	41	---
1005	1005	1005	1007	1009	1010	1012	1014	1016	1006	---		1022	---		979	43	---
1011	1010	1009	1012	1014	1015	1017	1018	1019	1008	---		1024	---		975	49	---

OCTOBER, 1917. 10000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
1011	1006	1009	1011	1012	1012	1014	1016	1016	1006	5	27	1020	11	48	975	45	1
1007	1002	1000	1000	1004	1002	1006	1007	1009	1002	2	00	1018	11	24	968	50	2
1003	1005	1005	1005	1005	1005	1007	1007	1008	1000	5	38	1012	11	55	977	35	3
994	996	1000	1004	1002	1007	1009	1013	1013	1001	4	15	1019	11	48	975	44	4
996	996	994	996	996	998	996	1000	1002	994	2	00	1015	11	45	959	56	5
993	993	995	995	999	1001	999	1003	1003	995	5	48	1014	11	03	970	44	6
994	996	998	1000	1002	1000	1002	1004	1004	996	23	50	1006	12	00	973	33	7
990	994	996	998	998	1000	1002	1004	1004	993	6	00	1009	12	40	957	52	8
995	995	997	1001	999	1001	1003	1005	1003	998	6	35	1014	12	30	980	34	9
998	996	994	998	1000	1002	1004	1008	1008	998	6	12	1017	12	00	973	44	10
988	988	994	998	1000	1000	1000	1002	1002	996	5	36	1015	11	35	954	61	11
999	993	993	995	999	999	997	1001	1003	995	23	20	1005	11	18	968	37	12
998	996	996	998	998	1000	1002	1002	1002	997	6	15	1008	11	26	973	35	13
995	991	993	993	995	1001	999	1001	1001	996	7	00	1009	12	15	964	45	14
998	994	994	996	996	1000	1002	1002	1002	997	6	00	1010	10	10	973	37	15
997	995	995	997	1001	1001	1001	1005	1005	997	6	00	1009	11	57	968	41	16
998	996	996	998	1000	1000	1002	1006	1006	996	6	00	1008	11	00	969	39	17
994	994	996	998	1002	1000	1004	1006	1006	995	1	00	1008	11	00	964	44	18
1002	1000	998	1000	1000	998	1000	1004	1006	1001	6	00	1017	11	36	973	44	19
997	999	1003	1003	1003	1003	1005	1007	1009	1001	5	55	1015	11	00	982	33	20
1001	1003	1003	1003	1003	1003	1007	1007	1009	1001	23	05	1011	11	36	974	37	21
993	995	997	999	999	999	1001	1003	1005	997	6	20	1011	12	00	974	37	22
991	996	996	998	1000	1000	1000	1002	1004	996	0	15	1010	12	00	973	37	23
994	996	998	1002	1006	1006	1006	1008	1010	999	24	00	1010	13	10	979	31	24
1000	1002	1004	1004	1010	1014	1016	1014	1016	1006	22	06	1017	11	00	989	28	25
1002	1006	1010	1012	1014	1014	1016	1019	1019	1005	23	20	1020	12	00	979	41	26
999	1001	1003	1005	1007	1009	1011	1013	1015	1004	1	36	1021	11	00	978	43	27
1003	1005	1007	1009	1013	1020	1024	1022	1022	1007	19	33	1032	11	00	988	44	28
1015	1015	1017	1017	1017	1017	1020	1022	1022	1017	2	45	1026	11	00	1001	25	29
1011	1013	1015	1017	1020	1020	1022	1024	1024	1016	23	50	1025	9	48	1001	24	30
1012	1014	1016	1018	1025	1023	1029	1027	1031	1017	22	45	1035	11	06	996	39	31
999	999	1000	1002	1004	1005	1007	1009	1009	1001	---		1015	---		975	40	---
998	998	999	1000	1001	1001	1003	1005	1007	999	---		1012	---		974	38	---
1003	1002	1004	1004	1006	1009	1010	1011	1011	1003	---		1017	---		980	37	---

HOURLY VALUES OF VERTICAL INTENSITY.

NOVEMBER, 1917. 10000 γ plus tabular quantities.

Day.	1 h	2 h	3 h	4 h	5 h	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	15 h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1033	1031	1029	1027	1027	1025	1024	1023	1016	1004	998	1000	1010	1016	1018
2	1036	1035	1035	1034	1034	1032	1030	1024	1015	1001	994	992	1001	1003	1015
3	1024	1025	1026	1025	1024	1022	1017	1013	1005	992	990	992	997	1005	1011
4	1023	1022	1021	1019	1017	1018	1017	1016	1012	1010	1009	1008	1006	1010	1011
5	1015	1016	1017	1017	1017	1016	1016	1015	1013	1007	992	990	991	996	1007
6	1024	1023	1023	1022	1021	1020	1019	1017	1013	1005	999	994	996	999	1007
7	1015	1016	1017	1018	1018	1016	1014	1012	1008	1002	995	997	1006	1012	1014
8	1023	1023	1023	1024	1024	1024	1023	1021	1017	1011	1005	1003	1007	1009	1010
9 [a]	1026	1026	1026	1027	1028	1027	1026	1024	1021	1013	1007	1008	1011	1013	1014
10 [a]	1025	1024	1024	1023	1023	1022	1021	1020	1018	1008	999	993	995	994	995
11	1015	1014	1014	1014	1014	1015	1015	1014	1011	1005	996	992	996	1000	1009
12 [b]	1020	1019	1018	1017	1016	1016	1016	1016	1015	1013	1003	1000	1007	1012	1013
13	1018	1020	1020	1019	1019	1019	1020	1018	1016	1014	1008	1004	1008	1010	1012
14 [b]	1022	1021	1020	1020	1019	1019	1019	1017	1013	1007	998	1002	1013	1015	1017
15 [a]	1022	1022	1022	1021	1021	1019	1018	1017	1015	1011	1008	1007	1013	1015	1019
16 [a]	1031	1031	1030	1030	1029	1026	1024	1022	1018	1016	1010	1012	1016	1017	1020
17	1035	1034	1034	1033	1032	1031	1030	1029	1020	1018	1012	1006	1010	1014	1015
18	1024	1025	1024	1023	1022	1023	1023	1023	1021	1017	1013	1009	1011	1013	1017
19	1025	1026	1025	1025	1025	1024	1023	1021	1019	1017	1011	1004	1007	1011	1017
20	1025	1024	1023	1023	1023	1022	1022	1020	1008	1003	995	991	1001	1005	1012
21	1025	1024	1023	1022	1021	1021	1022	1021	1014	1008	1003	1005	1006	1007	1010
22	1022	1022	1021	1021	1021	1021	1022	1024	1025	1023	1013	1006	1009	1011	1012
23 [a]	1016	1017	1017	1017	1017	1017	1017	1017	1016	1015	1011	1004	1000	1002	1007
24	1021	1022	1021	1021	1020	1019	1018	1016	1014	1012	1005	997	989	991	994
25 [b]	1018	1019	1018	1017	1017	1017	1016	1015	1014	1011	1010	1007	1005	1010	1013
26 [b]	1021	1025	1019	1023	1022	1021	1021	1019	1015	1013	998	1000	1001	1002	1003
27 [b]	1015	1015	1019	1021	1020	1019	1018	1017	1016	1015	1017	1017	1013	1006	1004
28	1017	1017	1017	1016	1016	1016	1015	1015	1015	1015	1016	1018	1012	1007	1012
29	1020	1019	1019	1019	1018	1017	1016	1014	1013	1011	1007	998	1000	1005	1002
30	1018	1020	1019	1018	1018	1016	1014	1010	1008	1003	1006	1006	1006	1006	1003
Mean	1022	1023	1022	1022	1021	1021	1020	1018	1015	1010	1004	1002	1005	1007	1010
Mean [a]	1024	1024	1024	1024	1024	1022	1021	1020	1018	1013	1007	1005	1007	1008	1011
Mean [b]	1019	1020	1019	1020	1019	1018	1018	1017	1015	1012	1005	1005	1008	1009	1010

DECEMBER, 1917. 10000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1011	1015	1015	1015	1015	1013	1011	1009	1007	1004	996	988	996	998	1000
2	1007	1007	1007	1007	1007	1007	1007	1007	1004	1002	998	994	998	998	996
3	1013	1017	1017	1019	1023	1021	1019	1017	1009	1004	998	988	992	1002	1008
4	1028	1030	1030	1030	1028	1028	1028	1022	1013	1007	1013	1013	1013	1016	1016
5	1017	1014	1012	1007	1004	1002	1000	997	995	992	990	985	985	985	992
6	1020	1018	1020	1018	1018	1018	1015	1013	1010	1008	1003	998	996	998	1008
7	1020	1022	1020	1020	1020	1017	1015	1012	1007	1003	998	990	993	995	1000
8 [b]	1016	1011	1008	1006	1006	1004	1001	1001	1001	999	994	981	989	994	994
9	1014	1012	1007	1005	1005	1002	1000	1002	1002	1000	987	977	982	982	987
10 [a]	999	997	994	994	992	992	989	987	987	984	984	982	979	979	989
11	1005	1008	1005	1005	1005	1003	1000	998	995	993	988	985	995	998	998
12	1006	1006	1006	1004	1004	1001	999	996	991	989	991	994	996	996	999
13 [a]	1018	1013	1008	1008	1006	1003	1003	1001	1001	998	988	981	986	996	998
14	1009	1007	1007	1004	1002	999	994	992	989	984	979	982	982	992	994
15	1005	1005	1005	1003	1003	1003	1000	995	993	988	985	978	980	985	988
16 [b]	1009	1009	1006	1006	1006	1004	996	991	990	980	970	965	970	985	990
17 [b]	994	992	992	989	989	989	984	982	972	962	970	972	979	987	992
18 [b]	1002	999	999	997	997	997	997	989	982	972	967	962	970	975	987
19	998	995	998	995	993	990	988	985	983	976					985
20	991	991	991	989	989	991	989	984	979	972	964	949	949	962	967
21	992	992	992	992	990	990	987	985	980	970	965	955	960	965	968
22 [a]	991	993	991	991	988	988	986	986	979	976	974	969	969	974	983
23 [a]	992	989	989	989	989	987	982	984	982	980	972	967	965	965	967
24	995	995	993	993	990	988	981	978	976	973	966	956	963	968	971
25	994	994	991	991	989	989	982	979	979	977	977	974	969	969	974
26 [b]	996	993	993	991	991	988	988	988	984	979	969	956	959	964	971
27	985	985	985	985	982	982	982	980	980	977	972	975	980	982	982
28	987	987	987	987	987	987	987	987	987	987	984	977	977	979	979
29	991	991	989	989	989	989	989	986	986	984	981	979	974	971	971
30	990	990	987	987	987	987	987	985	985	985	982	977	970	972	977
31 [a]	992	992	989	989	989	989	989	987	984	977	972	969	964	967	972
Mean	1003	1002	1001	1000	999	998	996	994	991	987	983	977	979	983	987
Mean [a]	998	997	994	994	993	992	990	989	987	983	978	974	973	976	982
Mean [b]	1003	1001	1000	998	998	996	993	990	986	978	974	967	973	981	987

[a] Five international quiet days. [b] Five international disturbed days.

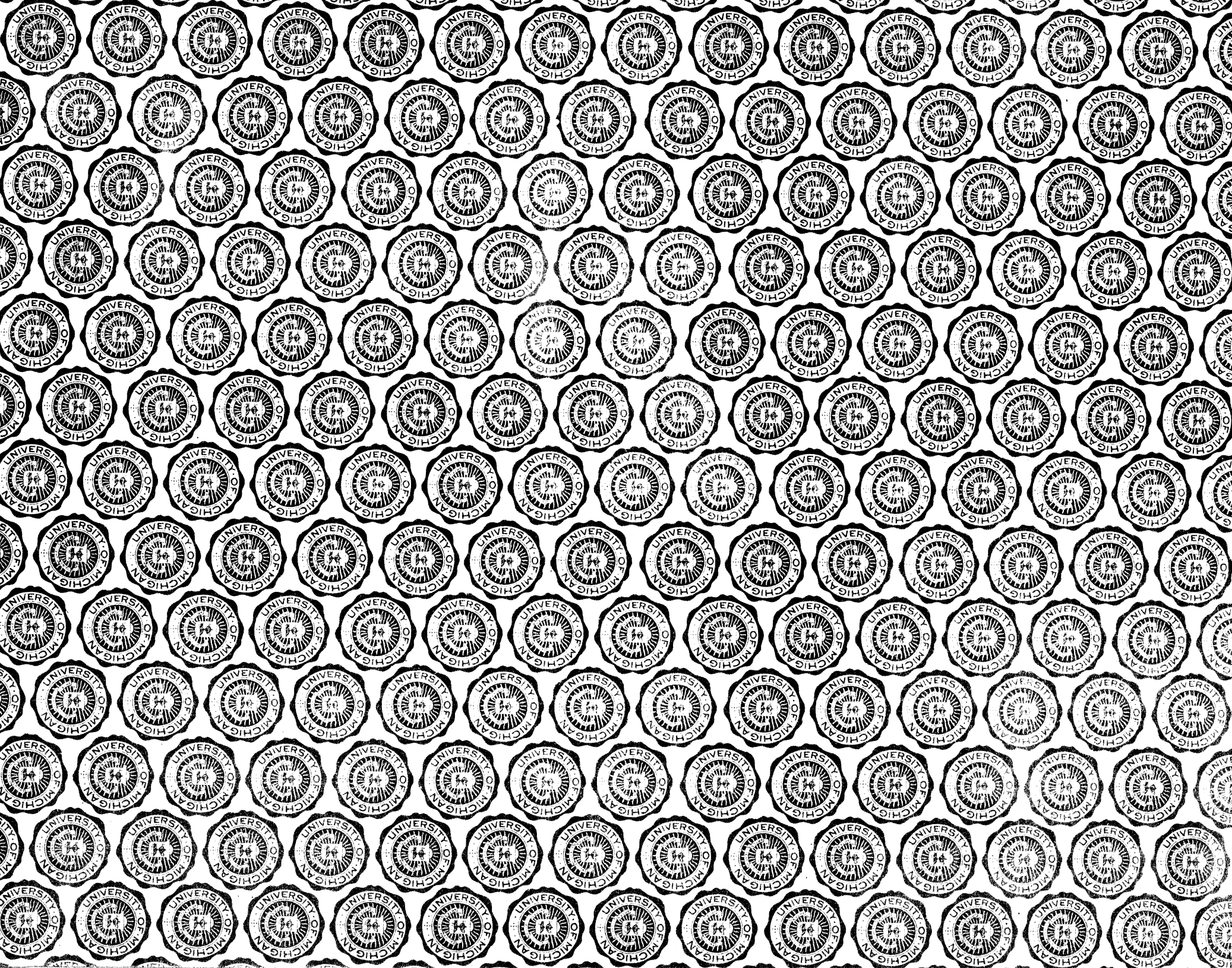
HOURLY VALUES OF VERTICAL INTENSITY.

NOVEMBER, 1917. 10000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
1021	1024	1027	1031	1033	1033	1035	1038	1037	1023	23	00	1038	11	00	998	40	1
1021	1022	1020	1022	1024	1026	1025	1024	1024	1020	1	00	1036	12	00	992	44	2
1015	1017	1020	1022	1024	1023	1023	1022	1022	1015	3	00	1026	11	00	990	36	3
1012	1010	1012	1013	1014	1014	1013	1013	1014	1014	1	00	1023	13	00	1006	17	4
1011	1013	1015	1019	1022	1023	1023	1023	1024	1012	24	00	1024	12	00	990	34	5
1011	1012	1013	1013	1014	1014	1015	1015	1015	1013	1	00	1024	12	00	994	30	6
1016	1018	1019	1020	1019	1019	1019	1020	1023	1014	24	00	1023	11	00	995	28	7
1011	1017	1019	1024	1025	1026	1026	1027	1026	1019	23	00	1027	11	30	1001	26	8
1015	1016	1017	1019	1020	1021	1022	1023	1024	1020	5	00	1028	11	00	1007	21	9
997	1002	1006	1008	1008	1010	1012	1013	1014	1011	1	00	1025	12	00	993	32	10
1012	1013	1012	1013	1016	1017	1019	1019	1021	1011	24	00	1021	12	00	992	29	11
1013	1012	1015	1013	1015	1015	1017	1019	1017	1014	1	00	1020	12	00	1000	20	12
1013	1014	1017	1021	1022	1022	1023	1021	1020	1017	10	00	1023	12	00	1004	19	13
1017	1015	1019	1023	1028	1026	1025	1023	1022	1018	20	00	1028	11	05	996	32	14
1020	1022	1025	1028	1029	1030	1031	1032	1031	1021	23	00	1032	12	00	1007	25	15
1023	1024	1026	1029	1032	1033	1037	1036	1035	1025	22	00	1037	11	00	1010	27	16
1016	1017	1017	1018	1020	1022	1022	1023	1024	1022	1	00	1035	12	00	1006	29	17
1018	1019	1020	1021	1022	1023	1024	1025	1026	1020	24	00	1026	12	00	1009	17	18
1018	1017	1018	1021	1023	1020	1021	1023	1024	1019	2	00	1026	12	00	1004	22	19
1018	1022	1020	1022	1022	1023	1023	1024	1024	1016	1	00	1025	12	00	991	34	20
1012	1013	1014	1016	1016	1018	1020	1021	1022	1016	0	48	1026	11	00	1003	23	21
1012	1013	1015	1017	1017	1017	1016	1016	1016	1017	9	00	1025	12	10	1005	20	22
1011	1013	1014	1014	1014	1015	1017	1018	1019	1014	24	00	1019	13	00	1000	19	23
1000	1007	1010	1012	1014	1015	1016	1018	1018	1011	2	00	1022	13	00	989	33	24
1014	1015	1015	1016	1017	1017	1018	1019	1020	1015	24	00	1020	13	00	1005	15	25
1004	1006	1008	1011	1011	1008	1015	1017	1017	1012	1	50	1027	10	48	997	30	26
1006	1008	1011	1012	1012	1013	1015	1017	1017	1014	4	00	1021	15	00	1004	17	27
1018	1015	1018	1020	1021	1020	1020	1019	1019	1016	20	00	1021	13	32	1006	15	28
1005	1002	1000	1002	1007	1011	1013	1013	1015	1010	1	00	1020	12	00	998	22	29
1001	1002	1002	1003	1003	1003	1006	1008	1008	1009	2	00	1020	10	30	1000	20	30
1013	1014	1015	1017	1019	1019	1020	1021	1021	1016	---		1026	---		1000	26	---
1013	1015	1018	1020	1021	1022	1024	1024	1025	1018	---		1028	---		1003	25	---
1011	1011	1014	1015	1017	1016	1018	1019	1019	1015	---		1023	---		1000	23	---

DECEMBER, 1917. 10000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
1000	1000	1000	1000	1000	1000	1002	1004	1004	1004	4	06	1016	12	00	988	28	1
994	994	996	1000	1002	1004	1007	1009	1009	1003	23	50	1011	12	00	994	17	2
1008	1008	1008	1010	1012	1017	1017	1023	1027	1012	24	00	1027	12	00	988	39	3
1018	1013	1016	1018	1016	1018	1018	1016	1013	1019	3	20	1032	10	00	1007	25	4
1004	1007	1009	1012	1014	1014	1017	1017	1017	1004	22	50	1019	13	20	983	36	5
1010	1013	1013	1013	1013	1013	1015	1018	1018	1012	0	55	1021	13	00	996	25	6
1010	1012	1012	1012	1015	1017	1017	1020	1017	1011	2	00	1022	12	00	990	32	7
1001	1006	1006	1008	1011	1013	1013	1016	1016	1004	0	01	1017	11	45	979	38	8
992	992	992	995	997	997	995	997	1000	997	0	01	1015	12	00	977	38	9
999	1002	999	1002	1002	1007	1007	1004	1004	994	21	10	1009	13	55	977	32	10
1000	998	1000	1003	1000	1000	1003	1003	1003	1000	2	00	1008	12	00	985	23	11
1001	1004	1006	1011	1006	1009	1011	1013	1016	1002	24	00	1016	10	00	989	27	12
1003	1003	1006	1008	1008	1008	1011	1011	1011	1003	1	00	1018	12	00	981	37	13
997	999	999	999	999	1002	1004	1007	1007	997	0	01	1011	11	15	977	34	14
998	1000	1000	1000	1000	1003	1005	1005	1008	997	24	00	1008	12	00	978	30	15
992	988	986	988	988	991	986	988	983	990	0	06	1010	12	20	963	47	16
997	999	997	1004	999	1002	1007	1004	1004	990	21	50	1009	10	00	962	47	17
989	989	992	997	1002	1002	999	997	994	990	0	01	1004	12	00	962	42	18
985	988	988	988	988	990	990	990	990	---	---	---	---	---	---	---	---	19
977	986	986	986	986	989	989	991	991	981	23	20	992	12	24	947	45	20
982	982	985	985	985	987	990	990	990	982	0	10	993	12	10	953	40	21
986	986	986	988	988	991	991	993	991	985	22	55	995	12	10	967	28	22
972	975	987	989	989	989	992	992	992	982	23	50	994	12	55	963	31	23
976	983	985	988	988	990	990	993	993	982	0	35	997	12	30	954	43	24
979	984	986	989	989	989	991	994	994	984	22	20	996	12	55	967	29	25
974	976	979	981	981	981	981	981	979	980	1	00	996	12	00	956	40	26
980	980	980	982	982	985	987	985	985	982	22	20	987	11	00	972	15	27
982	982	982	984	989	989	989	991	991	985	23	05	993	13	25	975	18	28
974	979	981	984	984	986	986	989	989	984	0	30	992	14	10	970	22	29
980	982	982	982	985	987	987	990	992	984	24	00	992	13	20	968	24	30
979	982	984	987	989	989	992	992	992	984	0	10	993	13	00	964	29	31
992	993	994	997	997	999	1000	1001	1001	994	---		1006	---		974	32	---
988	990	992	995	995	997	999	998	998	990	---		1002	---		970	32	---
991	992	992	996	996	998	997	997	995	991	---		1007	---		964	43	---


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